

SHADOWRUN

EURO WAR



ANTIQUES

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Connecting Jackpoint VPN ...
... Matrix Access ID Spoofed.
... Encryption Keys Generated.
... Connected to Onion Routers.
> Login

> Enter Passcode

... Biometric Scan Confirmed.
Connected to <ERROR: NODE UNKNOWN>

"Those who do not learn from history are doomed to repeat it."
- George Santayana and George Sanatayana IV

JackPoint Stats

12 users currently active
in the network

Latest News

Euro Wars. While most of the young ones here have only read about it or maybe seen a propaganda-filled documentary, those who lived through it will never doubt we walked the edge of nuclear Armageddon. With the recent troubles between Amazonia and Azatlan recently concluded, I thought a refresher was in order.
- Glitch

Personal Alerts

- * You have 2 new [private messages](#).
- * You have 19 [new responses](#) to your JackPoint posts.
- * Your application to view the private Rembrandt exhibit has been denied.

First Degree

Four Members are online and in your area.

Your Current Rep Score: 1.932
(64% Positive)

Current Time: 20 Feb 2075, 0824 hrs

PREFERENCES

FEEDS

TASKS

LINKS

HISTORY

Welcome back to JackPoint, chummer; your last connection was severed: 4 days, 9 hours ago.



Today's Heads Up

Life is best lived without limits, but when it's Artifacts without limits it can become strange faster than you can recognize. [Tag: [Artifacts Unbound](#)]

Incoming

- * The Awakening isn't done with Mother Nature yet. [Tag: [Parazology 2](#)]
- * Seattle isn't the only city where things go bump in the night. [Tag: [Another Rainy Night](#)]
- * As corporate salescritters like to say, more buck for your bang. [Tag: [Gun Haven 3](#)]
- * Evolve. Elevate. And get ready to explode. [Tag: [SRS](#)]

Top News Items

- * Two orks die while vandalizing private property in Renton. Knight Errant is seeking next of kin for identification and compensation for "overly enthusiastic police response." [Link](#)
- * Terrorists destroy Metroplex border security point. Knight Errant is pursuing the last suspect through Puyallup. Live trideo feed available. [Link](#)
- * UCAS Senate debates bill intended to limit the amount of non-government ordnance allowed on the national highway system. Intense lobbying efforts have been launched to defeat the bill. [Link](#)
- * Officials are evacuating residents of Cádíar, Spain after unexploded ordnance is located near the town. The unexploded bomb appears to be of English manufacture. [Link](#)

CHAT

MESSAGES

FILES

POSTS

NEKUS

SEARCH

Active
ComStar Firewall

Active
Jack-in-the-Box Antivirus

Active
SpamWitch Filter

On/Receiving
Commcode

Excellent
Signal

Active
Hidden Mode

Local Map

EURO WAR ANTIQUES

Posts/Files tagged with "Euro War Antiques":

- * M-1A4 Abrams
 - * M-2A4 Bradley
 - * M-1126A2 Stryker
 - * HMMWV
 - * SLAMRAAM
 - * AIM-120 AMRAAM
 - * BGM-71 TOW
- [More]

CONTINUE

ADVANCED SEARCH

SAVE

EURO WAR ANTIQUES

THE UNENDING STORM: A HISTORY OF THE EURO WARS

By Dr. Kelvin Mincy

No one document can cover the entire history of what have become known as the Euro Wars, and no one historian should claim to present the definitive perspective on such a turbulent, chaotic series of events. Yet despite the challenge of penetrating the fog and mysteries that surround the wars, the effort is more than worthwhile. These events continue to shape our world, with new power players emerging from the forces that clashed on the battlefield. To understand the loyalties and perspectives of these individuals, we must attempt to understand the wars. This document is my attempt.

- My reasoning for sharing this with all you is similar to Dr. Mincy's, but on a different plane. He's concerned about the geopolitical forces and leaders, I'm concerned about the shadows. If you run in Europe—or even if you run in North America and encounter some European ex-pats—you stand a good chance of encountering fixers, Mr. Johnsons, and runners who fought in or were shaped by these wars. They've got the scars and grudges to prove it, and the more you know about the source of those grudges, the better prepared you'll be to deal with them.
- Glitch
- Don't forget the Euro-toys from the war that have managed to stick around and show up from time to time in the shadows. There's a listing of them after the history section. And pay attention to some of the buried secrets the history section talks about, since anyone who's had a secret knows how good they are at biting you in the hoop. You never know when the buggers described here are going to resurface.
- Bull

GATHERING CLOUDS

The Bear Prepares

The Euro Wars did not simply begin with Neo-Soviet forces crossing the Polish border on January 17, 2031. The first steps toward war were taken nearly twenty-five years earlier with the first Border War launched by Belarus. This action cowed several of the nearby nations as the world refused to commit against the aggressor. Belarus' subsequent annexation by Russia gave that nation access to greater sections of Europe and further cemented the belief in aggressive action as a viable national policy. Internally the government also repealed several of the freedoms its citizenry enjoyed after the fall of the Soviet Union, including restricting the movement into and out of several strategic cities. The culmination of these policies, spurred by the Crash, pushed Russian leadership into the dilemma of invading Poland as the most palatable choice for retaining power.

- Some people never looked into the Russian records on why the decision to invade was made, and they accepted this tripe as the primary reason. While it factored into the leadership's thinking, the profit motive was much larger.
- Plan 9

- And I suppose you have the proof? <snicker>
- Slamm-0!

- Actually, if you look into the personal diaries of the leader's assistants you'll see quite a few references supporting both arguments. The leaders were better at covering their tracks but forgot to make sure the underlings didn't write it down.
- Glitch

The Border Wars was a successful foreign-policy coup, simultaneously gaining the Russian state prestige, influence, and territory. The nation of Belarus began as a willing proxy to start the wars, and it later became its largest victim when the Russian army crossed its borders to the praise of their neighbors. The initial Belarusian attacks were conducted as part of a coordinated strategy with Moscow to influence the Baltic states and the Ukraine into an economic partnership designed to profit the aggressors rather than territorial expansion along with proving their former NATO allies were unable to protect them. These attacks struck critical infrastructure and military sites while avoiding the resources the attackers wished to keep intact. While the intensity of the military action never reached a significant level to outside observers, the effect on the small economies was devastating. Appeals for international aid went unanswered as nations looked toward their own needs with the Awakening and corporate extraterritoriality rapidly changing the world's political structure. As the nations of the world stopped paying attention, Russia and Belarus cowed their neighbors and began to mercilessly use their energy resources as a tool to exert influence across the continent. Russia also plied its ally into submission by funding pro-reunification political parties and stopping critical military shipments when Belarus appeared ready to strike independently. In December of 2005, Russian troops crossed the frontier, absorbing the military units stationed there and effectively conquering the country in under a week. It helped that most of the government was already sympathetic to the changeover. The Baltic nations and the Ukraine applauded the news as the Russians proclaimed they were acting as saviors and restoring peace. Poland alone stood unbowed and wary of the changes along its border, but without allies it was unable to mount an effective counter.

- The response to the Border Wars was the biggest reason the first Euro War happened. It intimidated most of Russia's neighbors and proved the old way of handling aggressors had faded in favor of self-interest.
- Hard Exit
- I'm sure General-Leader Cherenkov was surprised when the Russian troops reached his palace with orders to shoot on sight. Taking care of loose ends when you backstab somebody is good business.
- Rigger X
- Funny, I have records stating he was retired to a small compound near Vladivostok, in case the Russians ever needed him again.
- Red Anya

The Russians then looked to solve internal matters before continuing aggressive actions along its borders. The economy expanded, largely funded by the recently cowed nations as they required repairs to their infrastructure, and the only firms possessing the required knowledge tended to be Russian owned. This also presented the Russians with the opportunity to expand their xenophobic and nationalist propaganda, with the newly regained influence being presented as the nation's "divine right." Simultaneously, Russian media outlets began to portray the rest of Europe as manipulative interlopers who desired to topple the newly assertive nation. The world also witnessed the modernization of the Russian juggernaut as delayed military programs were rapidly expanded, and training for the all-volunteer Guards units intensified.

- Separating the volunteers into their own units allowed the higher command to allocate better food and more resources to them, which served as a recruiting tool to those who had few other prospects in life.
- Red Anya
- It didn't ensure them access to the best gear, though.
- Beaker

Once internal control was stabilized, new attacks against Poland began. Engaging in a series of small unit engagements, the Russians fell into a predictable pattern of troop rotation and aggression, forcing the Polish forces to maintain a state of constant readiness while providing a level of diplomatic cover as the offending units were reprimanded and sent to a different sector as punishment. The near-constant skirmishes also allowed the Russians to return to using penal units as a method to control internal dissent, with the rebels of the younger generation of placed on the front lines where they could learn that obedience would gain them more than dissidence. These actions gained the Russian forces varying levels of combat experience and helped ensure control of the states to the south, although the cynical energy policy practiced by Gazprom was arguably less costly. The Russians also effectively controlled the Ukraine through the early 2020s, as the Ukrainians learned if they used the United Nations vote as suggested and provided their exports at the right price, attacks stopped.

- The predictable troop movement pattern took years to finally become accepted by the Poles and it took longer for the Russians to realize what they were doing. After giving front-line units combat experience, they would rotate in bunch of second-line units to guard the border and soak up any casualties from a Polish counterattack.
- Fianchetto
- The Poles eventually learned that when the second-line units were on the border, no attack was coming. It worked out for them for a time, but then fell apart once the Russians decided to game the pattern.
- Icarus

Eventually the Russian state began to lose control. The leadership failed to effectively connect with the populace, their military or intelligence backgrounds being too far removed from the people they aspired to command. While the militarization of the society provided a certain level of control, it also supplied the criminal element with trained and experienced soldiers to recruit when they desired. The explosions of disobedience led the government to rotate in their reserves as a way to control the manpower of the nation.

- It also provided a way to eliminate particularly bothersome families once the war started, with father, sons, and even mothers being assigned to the same light infantry unit and sent to the front to "clear the way" for the armored formations.
- Plan 9
- Uh-huh, like the Russians are cold-blooded and efficient in getting rid of the people who read too much.
- /dev/grll
- If you want to learn about Russian methods of population control, get one of the books on Stalin and his leadership techniques. He destroyed his friends if it made him feel more secure. The fact that he purged as much as he did while still keeping enough loyalty to hold on to power is impressive, if galling.
- Bull

The Crash changed everything. The virus destroyed large amounts of the modern economy as the leadership finalized its plans to conquer Poland, both as a way to unify the people in a manner similar to the earlier Border Wars but also to improve their manufacturing base through transfer of Polish heavy industry to Russian soil. The Crash hastened the plan, as the damage to the Russian's infrastructure increased the domestic unrest and eliminated most of the modern industry, leaving the ability to produce war making material restricted to the least upgraded designs and factories.

Europe Sleeps

The European nations looked inward as the twenty-first century progressed, straining to contain and explain the changes in the world around them. The Germans concentrated on policing their metahuman population and minimizing the influence of the Awakening on national politics, France struggled with internal manipulation by the nobles attempting to regain power at the expense of the people they desired to control, and the United Kingdom's power structure radically changed with the introduction of the Lord Protector's office. While the larger nations worked through their internal issues, the smaller nations of Europe struggled as well, afraid to commit to independent actions without a larger neighbor's support.

- It's surprising how fast they put their collective heads in the sand. They forgot what happened to Europe a century before.
- Fianchetto
- Remembering that appeasement is rarely successful foreign policy does not get you re-elected and does not lock up the next kickback from a large corporation. Doing your best to preserve the status quo and pinning the blame on the other guy is what works.
- Kay St. Irregular

Europe's economic shocks caused many of the nations to stumble as their governments were unable to compensate for the rapid changes that overtook them. The tax bases of the nations rapidly dwindled, not only from traditional recessionary shocks, but also from the megacorporations removing large numbers of professionals from the tax rolls as they transitioned their employees under the extraterritoriality clauses of their new corporate charters. These changes led to riots in several nations as social programs were cut

and the disadvantaged were cast adrift without the means to feed or house themselves. This in turn led to increased demand for the police to suppress the unrest, which further complicated the budgets, placing several municipalities in a downward economic spiral without outside assistance.

- The transitional period to today's extraterritorial reality was a difficult one for most governments. It directly led to the SINless problems of today along with government ineffectiveness. Destruction of the tax base was nearly total for several municipalities and smaller nations. I doubt intentional efforts to destabilize the governments could have been more successful.
- Mr. Bonds
- Who said it wasn't intentional?
- Plan 9

The Polish government struggled through the first quarter of the twenty-first century trying to maintain an effective society while also meeting the budgetary demands of the European Union and the international bond markets. The military requirements were largely met by purchasing used materials from other NATO nations as they replaced their equipment with newer offerings from the new megacorporations. This policy was a boon for the beleaguered nation as they purchased equipment from the United States government during the upgrade process following the Great Ghost Dance, but as a result connections were not made with other suppliers.

- The Polish government reached out to corps trying to purchase weapons after the Kaliningrad incident. Unfortunately for them the terms were pre-paid transactions with hard currency only. The manufacturers could see the writing on the wall and didn't want to get caught trying to compete with the Russians for the resources afterwards.
- Mr. Bonds
- The corps are always taking chances with people's lives, but they generally won't blow money to stop a catastrophe. I wonder how Europe would be shaped today if Poland had been able to resist.
- Aufheben
- Probably about the same—fragmented and dancing to their corporate masters' tune. How it got there is unimportant.
- Kay St. Irregular

The overall levels of defense spending declined for most of Western Europe prior to the invasion of Poland, with the limited rearmament programs largely seen as replacements for existing ability and local work programs intended for the funding nation to recoup nearly as much in taxes and export duties as they spent upgrading their capabilities. The German army was slowly dismantled as its focus changed to peacekeeping and police duties rather than high-intensity combat, with the Poles seen as able to stop any Russian designs without requiring additional manpower from the nations they shielded. The United Kingdom concentrated their military along two courses. The Territorial Army maintained minimal proficiency in heavy-unit operations, while the active forces concentrated on light, mobile operations of limited duration. Most of the remaining nations on the continent spent the first two decades of the century reducing all military spending, and their force structures suffered accordingly. These choices

projected an image of weakness to aggressive leaders, as did statements claiming that those capabilities would never be needed again.

- The wars in Eastern Europe gave the UK and the rest of the Northwest Europe a chance to build up their forces before they engaged in combat. They used the time well.
- Icarus

The Rise of Faith

The rise and fall of radical Islam has been a hallmark of the Middle East, with different groups gaining and losing popularity with the masses. Some gained power through the frustration of the younger generations, while others were a cynical attempt by a small group to influence the faithful. The ability to unite these groups with the existing governments was always lacking until the Alliance for Allah gained power behind Mullah Sayid Jazzir. The organization of an invading army was missed while the Neo-Soviets bled most of Europe white, and the world's focus shifted from looking across borders for threats to inward to persecute those who were no different internally from those who were there before.

- An overly poetic way to describe the violent racism that infected the world after Goblinization. Most people spent more time trying to get rid of the troll next door than looking at the geopolitical landscape.
- Kat o' Nine Tales

The ability of the Middle East's industry to support a modern military campaign was greatly underestimated by the West, as their intelligence assets in these countries were more interested in stopping terrorist threats than hindering the governments' modernization efforts. Many Iranian factories were devastated by the wrath of Aden, with the majority of the broken facilities lying in the vicinity of Tehran. The Iranians rebuilt small-arms and ammunition factories farther away from their devastated capital by purchasing machine tools for supplanted weapon types from Russia in return for influence regarding oil production. Turkey built a number of factories to support a local arms industry to build their credibility as a member of NATO and to have something export to their neighbors. These factories, although limited by the Crash, were to form the basis of the Alliance's logistical planning to supply the jihadists as they struck northward.

The formation of the Alliance and its success was unforeseen by the intelligence agencies of the world, along with the data analysis units of the larger corporations. The instability of the region was a constant focus of numerous agencies, a number of whom used clandestine missions manipulate it to their own agenda. The ability of the Alliance to organize its membership and convince the more secular nations to join in policies intended to antagonize their trading partners has evaded analysis, and the destruction of the primary actors and records means that a thorough reconstruction might never be possible. The disaffected youth movements were a major concern to most of the established nations within Alliance territory, but with the recruitment of clerics like Malik Hanbal, who later assisted in mobilizing Egypt's population, the leaders turned the restless energy into a unified ideological force.

- Is it any wonder we try to limit the amount of influence outsiders have on us? History has shown only the truly faithful have our interests at heart.
- Goat Foot

- Considering the amount of pain you cause each other I would have to question that.
- DangerSensei

Preparation for the Jihad began well before the first wave crossed national borders, with carefully selected imams preparing select mosques to function as rally points for the local Islamic populations and the organization of supply caches inside of nations otherwise unaffiliated with the movement. These caches proved useful in providing local guerillas with needed supplies to harry Neo-Soviet supply lines, and they also helped replenish front-line units on the occasions when the units managed to secure one. The intent to utilize local assets when possible indicates the Jihad was not a spontaneous event, but rather part of a larger plan.

- When you look at it from a tactical level, they were planning on using guerilla tactics to support the larger war effort. While it works for small units in inhospitable places, it's not so effective in feeding and supplying an army.
- Hard Exit
- It also proves we learned our lessons well regarding defeating imperialist powers.
- Crescent Moon

The collapse of the moderating influence of the Federation of Islamic States left only one voice in Middle East politics, and it was crying for war. As the fervor of faith swept through the Middle East, the exhausted European powers had settled into a waiting pattern in their hostilities, more concerned whether the armistice would hold and how much material their possible opponents were accumulating while their economies slid further into recession. The initial blows of the Jihad would be felt across the continent as the oil stopped flowing westward and the war-weary combatants shifted to face the new threat.

EURO WARS, PHASE ONE

Ursa Flexes

The bombing of Kaliningrad is one of the most significant mysteries of the Euro Wars. Was it a Russian effort to suppress mutinying crews, or Poland's first blow at its largest neighbor? The use of fuel air explosives against the rioting city caused extensive loss of life, with the civilian population taking the worst losses. The weapons also rendered a large amount of stored war materiel unusable as the intense heat rendered it unstable. While Russian records clearly show the flight that delivered the blow originating from a location near Warsaw, no Polish or international records show the Poles owning or operating the model of aircraft that conducted the raid. The diplomatic firestorm the incident created led to little in the way of resolution, leaving the possibility of an open, large-scale war looming.

- I'm sure the arms shipments to rebels in Belarus and the Baltic States didn't help the Russian mood any.
- Red Anya

The MVD began a series of sweeps against internal dissidents through Belarus and Latvia, gathering a number of suspects in camps near established military bases. The imprisoned people were used to

build field fortifications for newly established artillery divisions training at temporary bases near the Ural Mountains. Their ultimate fate has yet to be determined.

- You can bet they were buried somewhere near their projects, as the Russians wanted to make sure they didn't return to their rabble-rousing ways.
- Aufheben
- Nice theory, but there are files indicating they were sent to Bolshevik Island to help construct the anti-missile site there. If you want to find the bodies, that's the best place to start looking.
- Snopes

The Polish armed forces entered a state of high alert after New Year's Day in 2031, sending their active and trained reserve units to the border. Unfortunately, the Polish high command still thought an immediate attack was unlikely as the Russians had not yet rotated their first-line troops into position. They started calling up secondary reserve formations and stationed them to the west in an attempt to develop a replacement pool in case hostilities erupted. The Polish government spent its last precious metal reserves purchasing ammunition and equipment as a precaution while the financial markets began to anticipate a default on their existing debt.

POLISH FORCES (17 JAN 2031)

Eastern Command, Cmdr: General Kowalski

1st Corps

- 1st Mechanized Rifle Division
- 2nd Mechanized Rifle Division
- 3rd Tank Division

2nd Corps

- 5th Infantry Brigade
- 4th Light Infantry Division
- 8th Armored Brigade

Western Command

3rd Corps, Cmdr: Lt. General Mikal Marszalik

- 6th Infantry Brigade
- 7th Armored Brigade
- 9th Light Infantry Division
- 10th Infantry Brigade

- One of Russia's terms to the Polish government after it surrendered was it couldn't go after the corporations that took the money but had not yet delivered the weapons. I wonder how much that term cost the suppliers.
- Snopes
- Not that much. The Russians didn't want the weapons shipped anywhere in Europe anyway. I guess the surprise was a lot of them were then sent to Saudi Arabia. It's all in the public records—if you dig deep enough.
- Glitch

The Russians also began to mobilize their Category B divisions, preparing them for combat operations as the returning inactive reservists were reintroduced to military service. These formations were transferred to the Siberian containment cordon or to the Caucasus region to maintain stability in suspected trouble spots, allowing the more-experienced and better-equipped Category A divisions to transfer to the European theater.

- The units transferred to the Caucasus were the first units attacked by the Jihad. I bet the Neo-Soviets wished they had kept a couple of their better divisions to the south once the wave of assaults broke the weaker units.
- Slamm-O!
- Transferring the older men and equipment to regions only requiring police actions made sense at the time it was done. Never leave your best guns behind when you are fighting for your life. They just didn't expect to have a new front so soon.
- Marcos

The Red Dam Breaks

The early morning of 17 January 2031 began with an impressive artillery barrage falling on Polish military positions along with coordinated airstrikes and fighter sweeps at targets farther from the front. The Polish Air Force was largely decimated by these attacks, and the air-defense system had a difficult time stopping the massed waves of stealth drones and sacrificial aviation regiments.

- Using a tightly coordinated battle plan like this after the Crash must have been a tough challenge. How much of their network was still intact?
- Slamm-O!
- Not as much as you would think. The initial attack was all coordinated through written orders and messengers, at least according to the released history. It worked in centuries before this (well, kind of), so it could work in the modern era.
- Glitch
- It also made the decision almost irreversible once the orders were distributed. It's doubtful they could have delayed it with less than a week's notice.
- Picador

The Russian's 8th Guards Tank Division rolled across the border at 0900 hours, engaging the remaining border troops in long-range duels with extensive artillery support. Heavy casualties amongst Poland's infantry divisions resulted in the deployment of the immediate armor reserves to the forward battlefield. This threw back the 2nd Army's assault as General Demenov redeployed for a second attack that evening.

- Standard Russian attack operations of the era specified a preference for an early-morning action. Nothing like catching your opponents half asleep because of the body's natural biorhythms.
- Red Anya

The evening assault was led by the infantry divisions, which attempted to slip past the remaining Polish defenses as artillery rained down on the defensive positions. The first phase of the operation went according to plan as the Motorized Rifle Divisions penetrated nearly thirty kilometers past the frontier, and the following tank divisions

1st Belarus Front

2nd Combined Arms Army (Category B) Cmdr: Colonel General Demenov

- 121st Motorized Rifle Division
- 122nd Motorized Rifle Division
- 123rd Motorized Rifle Division
- 8th Guards Tank Division
- 9th Tank Division
- 4th Border Guards Regiment (MVD)
- 18th Guards Motorized Rifle Division

4th Combined Arms Army

- 31st Guards Motorized Rifle Division
- 114th Motorized Rifle Division
- 74th Tank Division
- 115th Motorized Rifle Division
- 4th Independent Motorized Rifle Regiment
- 19th Motorized Rifle Division

II Corps (Detached from 1st Combined Arms Army)

- 2nd Artillery Division
- 21st Artillery Division
- 29th Motorized Rifle Division

5th Combined Arms Army

- 271st Motorized Rifle Division
- 192nd Motorized Rifle Division
- 134th Guards Motorized Rifle Division
- 194th Motorized Rifle Division

prepared to pass through. A sudden counterattack threw the Russians into confusion as the Poles used their armor, and artillery deployed minefields to separate the attacking elements and defeat each in detail. While the 2nd Army fought for its life, the Russians deployed their 4th and 5th Armies against the southern border, and the Ukrainian Front began to annex the Ukraine.

- When the Russians rolled through, the MVD had arrest lists and orders predetermined. They arrested anyone they thought would be too much trouble within eight hours. A few low-level operatives for the Western governments were also picked up.
- Fianchetto
- They also managed a near-complete media blackout. The broadcast media were jammed and then started prerecorded programming; depending on where you were, you might not have even realized the invasion had started.
- Sunshine

The southern thrust pushed Poland's remaining border forces deep into the interior and caused the Polish high command to commit their last available reserves to a counter attack at Olsztyn in an attempt to flank the rapidly advancing Russian units. Air strikes and the 74th Tank Division, lead by Colonel General Justzin, destroyed the attacking forces before they left their assembly areas, opening the door to Warsaw and its remaining garrison.

- The Red Army teaches this as a proper way to manage battlefield intelligence, and the reason to practice emcon at all times. The Polish units were located through radio direction finding equipment.
- Red Anya

- Emcon? Is that another one of those silly military acronyms? Why don't you military types use real words?
- /dev/grrl
- It stands for emission control. You should only transmit on the battlefield for limited durations and hopefully not from the same position. Modern tacnet software violates this principle, but the benefits tend to outweigh the risks.
- Picador
- While it's important on a tactical level, it is more relevant at the operational and strategic level.
- DangerSensei

The surviving light infantry forces in Eastern Poland concentrated their remaining strength in the suburbs of Warsaw, attempting to buy enough time for the forces near Wrocław to finish their training and relieve the beleaguered capital. Russian forces surrounded the city, allowing their artillery units to advance into range before commencing direct assaults. This delay allowed the 4th Light Infantry Division to mobilize a number of the civilians, forming both militia and construction units to reinforce their positions.

The Poles' Western Command hastened to build defensive positions along the Oder River, along with preparing their limited mobile formations for an attack to relieve the capital. As conscription began in the remaining free Polish territory, the Western Command gained an additional two light infantry divisions worth of personnel, but little in the way of advanced weapons or armor to equip them for offensive operations. The lack of training time for these formations, and their successors, played a central role in the fall of Poland.

- The lack of properly trained infantry support was a bigger factor in the attacks failure, although I can't really blame them for retreating when the drones arrived overhead. Who really thought an attack without at least air parity had a chance?
- Picador

The Siege of Warsaw

The encirclement of Warsaw was completed on Jan. 28, 2031. The 5th Army and the 1st Corps were designated as the attacking troops by the Neo-Soviet Central Committee in a then rare direct intervention into battlefield operations. The remainder of the Front was tasked to contain the remaining Polish forces and refit for further operations. The badly mauled 2nd Army was consolidated into the 122nd Motorized Rifle Division, which was re-equipped to use captured stockpiles and assigned to the Czech border to protect the southern flank.

- Typical of the Russian military, combine a drek-kicked group into a unit and throw it back into the fire. In nearly any Western or corporate military, they would have been rotated to the rear.
- Picador
- These were the sons and daughters of political malcontents or other undesirables given a chance to keep their families out of the gulag. Fighting was the only way to regain their honor.
- Red Anya

The defenders managed to build a number of strong defensive positions for their remaining military units with the militia forming

the outer perimeter. The militia units were issued a variety of weapons, ranging from bolt-action rifles to light rockets taken from fallen Russians. These measures managed to hold the Russian tanks back for nearly a month of heavy fighting before a breakthrough occurred. While initially successful, the spearhead slowed once the fighting entered the heavily inhabited areas, with snipers and lone RPGs slowing the advance enough for Polish reserves to halt its progress.

The successful breach of the city's perimeter forced the Western Command's timetable, and an immediate counterattack was launched. The 7th Armored Brigade and the recently expanded 6th Infantry Division crossed the Oder River at Gajków, surprising the Russian blocking forces with the ferocity of the attack. After nearly reaching the capital, the attack sputtered due to increasingly effective Russian air interdiction. The attacking forces suffered nearly ninety percent casualties, largely due to inexperience and fanaticism.

The final Russian assault occurred on 3 Mar 2031, with armored kill teams securing the city block by block. Heavy resistance slowed the attack, with guided missile teams hunting tanks in the rubble. Government officials attempted to slip through the Russian cordon, but most were captured or killed when crossing the perimeter. The Poles fought in the streets of the city until the regular units were spent and the organized militia smashed, their fierce refusal to surrender causing them disproportionate fatalities. With organized resistance ended and the disorganized bands roaming the streets more interested in looting than fighting to save the country, the highest-ranking member of the government, Antoni Nowak, signed a surrender agreement on 3 April 2031. Nowak immediately broadcast surrender orders to all remaining Polish units and then was never seen again.

- The highest-ranking member of the government was the Undersecretary of Education? Or was he the only one willing to make the announcement?
- Plan 9
- The Russian government has always been able to make people say what they want. It's only a question of time, usually days to a couple of weeks at most. It appears Nowak was captured sometime in February.
- Fianchetto

The West Resists

General Marszałik refused to acknowledge the surrender order and convinced most of his troops to remain loyal to him. The Russian execution of several surrendering units made it much easier to convince the others to continue fighting. The general used his charisma and public displays of loyalty to his troops to maintain morale and convince the stragglers from destroyed units to rejoin the army rather than slip into obscurity.

- The massacre at Ramleje was sloppy. The troops didn't sweep the area for media crews, and the location lay just outside of an extraterritorial corp's facility. They didn't even try to suppress the newsfeed.
- Marcos
- Why is it you're more concerned about how they did it than the fact they killed three hundred surrendering Polish troops?
- Aufheben



Polish Western Command (Jun 2031)

9th Light Infantry Division
10th Light Infantry Division
11th Provisional Brigade (Light)
12th Motorized Brigade
13th Provisional Brigade (Light)
14th Artillery Brigade
15th Infantry Brigade

The Western Command assigned a number of inexperienced units to begin an intensive training regimen with the belief that better trained troops would be more likely to survive the Russian bombardments and perhaps serve as sufficient support for an offensive to liberate the country. Unfortunately this proved troublesome in practice, with the Russians launching river crossing operations or feints daily. The need for troops on the riverbanks to replace the casualties swamped the established training establishment, leaving them to send more and more troops to the front with only the minimum amount of training completed.

- This is part of the reason why most countries hire professionals now. Every worker you take out of the economy reduces your output, and they aren't as good as the professionals anyway.
- Picador

- I just thought it was so they don't have to pay death benefits or deal with the rows of caskets citizen-soldiers cause.
- Canker
- Although there are side benefits. Using their citizens can help control population pressures and provide a rallying cry for the national leadership.
- Plan 9

The logistics of Marszalik's command were never completely explained. The Polish government had large stockpiles of small-arms ammunition, and a few small-scale manufacturing operations managed to produce some replacement parts and ammunition, but the sources of the majority of the supplies have never been identified. It is assumed that supplies were routed through Germany and the Czech Republic, but the originating source is still unknown. The Russians still have a reward posted for anyone who can produce reliable information on who supplied the Poles with shoulder-fired SAMs and other sophisticated weapons.

However the weapons reached him, Marszalik utilized them to stymie multiple attempts at breaching his lines, but he was never successful in building enough of a reserve to launch anything larger than local counterattacks.

- It was the corps trying to profit off both sides of the war. If the Poles keep fighting, the Russians keep buying the high-ticket items while the Poles make do with the lighter stuff. Once the Poles go down, the Russians don't have to buy as much, and both markets dry up.
- Plan 9

- Was that really supposed to be informative? Any one of us could see that. And it wasn't even crazy! Get on your game, man.
- Slamm-O!

The successful invasions of the Czech Republic and Germany largely sealed the fate of Poland. Neither country was strong enough to resist the Russian attacks and still send supplies to the remaining Polish forces. The resistance of the Poles kept numerous Russian forces occupied, but once the reserve forces were mobilized, their army was large enough to invade the rest of Europe and crush the stubborn holdouts at the same time. With his perimeter breached and his troops routed, Marszałik withdrew into Germany and formed a mercenary command to continue the fight against the Russians with those remaining Polish troops.

The Red Tide Surges

As Europe reeled from the sudden conquest of Poland, the Supreme Soviet initiated their contingency plans to widen the war. After a brief refit, the 4th Army was thrown against Germany, with its leading elements crossing the border on 7 Apr 2031. The 122nd Motorized Rifle Division led the way into the Czech Republic as cannon fodder for the recently transferred 3rd Army. The initial advances were rapid, but Poland's resistance gave most nations an opportunity to call up reserves and prepare for a possible attack. These measures largely ensured Russia did not win air superiority over the newly attacked nations or disrupt the full mobilization of their recessionary economies.

3rd Combined Arms Army, Cdr: Colonel General Ivanov

18th Rifle Division
38th Motorized Rifle Division
122nd Motorized Rifle Division (Category B)
198th Motorized Rifle Division
194th Motorized Rifle Division

- This was originally the entire Caucus Front, but they were replaced by Category B and V units when they finished mustering.
- Glitch

The advance into Eastern Germany brought a rapid response from the nation. The government attempted to purchase enough weapons to re-arm the nation as its armored formations struggled to stop the Neo-Soviets outside Berlin. Blocking positions were rapidly reinforced by old tanks pulled from depots, and trainees were rapidly prepared as the Luftwaffe struggled overhead. The Czech Republic managed to hold off the initial aerial onslaught as the Russians' 122nd Motorized Rifle Division plunged through the Czech's fixed defensive positions. The Kresock Line was penetrated within three days, throwing the government into a panic as mobile reserves moved to stop the advance in the Carpathian Mountains.

- The Czech government was about ready to throw in the towel before the army stopped the Russian advance. They seemed to think the Russians would have left the country alone after they rolled through. Media coverage of Poland proved them wrong.
- Sunshine

THE KRESOCK DEFENSIVE ZONE

The Kresock Defensive Zone was a series of fixed emplacements along the Republic's Northern and Western frontiers, primarily intended to monitor cross-border activity and provide the army with a series of protected positions to resist artillery bombardment. The line's northwestern corner was outside Mosty u Jablunkova and extended to Krásná Lipa, near the German border.

The line was originally composed of a remote monitoring station with ground radar and some video surveillance equipment housed on concrete shelters capable of protecting a small unit of soldiers from field artillery. As the invasion of Poland galvanized the other nations, the Czech Republic expanded the system, with both field works and permanent facilities in an attempt to slow any potential invader as reserve forces were mobilized.

Typical early fixed positions were constructed with reinforced concrete walls nearly 2.25 meters thick and roofs that were a full 2 meters of solid material. This ensured the position could protect the data storage devices and personnel from artillery fire of up to 250mm in diameter. Later positions were intended to be used as fighting positions and only had walls and ceiling of 0.6 meters. These could only resist mortar and small-caliber direct-fire weapons. The military spent considerable effort to camouflage the bunkers during construction and also created a number of dummy positions in a misinformation campaign.

- The original positions were pretty amazing, with full NBC protection and independent power supplies for the monitoring gear. It also helped the patrols who used them, but that was largely a secondary concern.
- Beaker
- Building fixed positions for wartime use has been foolish for over a century now. Mobile, aggressive forces can always neutralize them by controlling the battle's optempo and attacking on their terms.
- Marcos

Austria mobilized under their newly inaugurated Emperor Leopold and prepared to intervene in the expanding war. The introduction of Austrian troops and heavy artillery stalled the Russian's southward advance. Meanwhile Italy rapidly expanded its military production, not only to prepare their forces but in anticipation of export orders to nations already involved. The increased resistance led the Russians to further expand to other nations in an attempt to outflank the defending forces.

- The Italians over-expanded their weapons industry in anticipation of increased demand for armored vehicles and enhanced sensor nets. Unfortunately they were only half right. The Austrians purchased more radar sets than armored brigades during Euro War One. The rough terrain limited long-range tank battles.
- Cosmo

On 14 May 2031, the Ukrainian Front launched a series of attacks along the Slovakian border, annihilating their limited forces along the border and beginning a slow march through difficult terrain to add pressure on the Czech and Austrian defenders as Slovakia's government called for assistance. Skate drones conducted a number of wide-ranging strikes against greater Europe's infrastructure in an attempt to interdict supplies and oil deliveries. The Russian's determined efforts unbalanced national leaders across the continent, as they were unsure if diplomacy or force was called for.

- It's simple, somebody shoots at you; you shoot back. Anything else is bullshit.
- Kane
- When you're engaging a country possessing nuclear weapons, accepting the "accident" explanation is less painful than the mushroom-shaped answer. Rumor has it the Rocket Forces were on constant alert during the war.
- Plan 9

The German Punishment

The German border defenses and hurried counterthrusts managed to stall the Russian advance for nearly a month as reinforcements were organized and sent to the front. The Red Army re-organized their higher command echelons, forming the 1st and 2nd German Fronts from the 1st Belarus Front and reinforcing reserve formations from the military districts. The destruction of the remaining Polish forces was left to a newly formed Polish Front, and primary source documents from the Russian General Staff indicate it was largely viewed as an advanced training course for units intended to participate in later operations.

- They also used the Southern Front forces facing the Islamic nations as a basic training formation. Farmers armed with eighty- to ninety-year-old rifles patrolled the borders, keeping smuggling down and teaching the newest recruits how to operate in small-unit actions.
- Red Anya
- Ironically, allowing the Polish forces to hold out longer than they should strengthened the Russian forces by letting them test newly promoted commanders under stress scenarios without grand strategic repercussions. The ones who failed were reassigned to the Southern or Eastern Fronts.
- Fianchetto

2nd German Front

8th Tank Army (Category B)

- 17th Guards Tank Division
- 18th Tank Division
- 21st Tank Division
- 38th Tank Division
- 92nd Motorized Rifle Division

10th Combined Arms Army (Category B)

- 3rd Motorized Rifle Division
- 179th Motorized Rifle Division
- 183rd Motorized Rifle Division
- 75th Tank Division (Category V)

The Bundeswehr (German Army) dug in along natural defense lines and relied on drones to resupply the units left behind as the Russian forces slowly pushed their way through defensive positions. Rapidly formed reserve units were rushed to the areas surrounding Berlin, stopping the juggernaut at Vogelsdorf. The fighting rapidly devolved to an attritional battle as Leopard III tanks were rushed from the factories to stop Russian's T-18s as they attempted to secure the city before the summer ended. A gap was broken in the Russian lines at Oberbarnim by the battle tested 14th Panzer Grenadier Division,

forcing the Russians to temporarily retreat before returning to offensive operations that winter. Sudden drops in available oil minimized the effect of the German's counterattacks as formations were unable to reliably resupply due to the decrease in Middle East supplied imports.

- There are some records indicating the drop in Middle East exports was purposefully engineered by the Alliance to ensure the war continued, allowing them to build their armed forces for the Jihad.
- Plan 9
- You give them too much credit. Their primary military advisers were rather direct in their application of force; they understood psychology better than economics.
- Goat Foot

The Winter Offensive saw the 2nd German Front bypass Berlin, with the 8th Tank Army leading a thrust into Lauchhammer, cutting several supply lines to the besieged city and reducing options for the remaining Polish forces. The Russian advance was slowed through the sacrifice of local inhabitants creating roadblocks and improvised obstacles to disrupt the Russian's follow up elements while the Army struggled to stop the vectored thrust formations sent to create an operational breakthrough. Eventually diverted drone assets managed to cripple the Russian formations, primarily through targeting the infantry elements.

The Southern Front Stalls

The Russian's efforts to conquer the Czechs and Slovaks slowed as forces from other European nations began to arrive in theater, initially as combat support and later as direct combatants, as Russian air strikes continued to hit their homelands. Austrian and Hungarian troops reached the front first, replacing battle-worn Czech border units and allowing them to refit and absorb replacements before they rotated back onto the line.

Italian factories shipped modern armor and new model Eurofighter airframes to their northern neighbors, giving them the means to counter the Russian spearheads. These arms sales and technical support eventually drew Russian missile attacks against Italy's industrial infrastructure. These attacks drew the Italian Air Force directly into the conflict along with sorties by the Italian Navy into the Atlantic to hunt Russian submarines. Eventually ground forces were committed to the southern front, reinforcing the Czech Republic.

- A short paragraph hardly does justice to the intense debates in Parliament regarding the gradual escalation. The Italians were not interested in joining the war, just making money from it. Only the attacks on Udine's infrastructure pushed the vote to war.
- Fianchetto

The Russian's 3rd Army was unable to make significant headway against determined resistance. After the execution of Colonel General Ivanov, the High Command reinforced the attackers with additional artillery and ordered a renewed effort. Intelligence assets allowed Leopold to counter the Russian efforts by providing the defenders with the ability to mass armored assets at the point of attack, while sophisticated electronic warfare techniques deprived the Russians of most of their orbital assets. These actions began to bleed the Russian military of its best-trained manpower, as Guard units were often in the forefront.

Czech Army (Jul 2031)**I Corps (Slovakian Border)**

- 9th Border Brigade
- 3rd Tank Brigade
- 19th Infantry Division

II Corps (Polish Border)

- 2nd Border Brigade
- 4th Border Brigade
- 17th Tank Brigade
- 18th Infantry Brigade
- 5th Infantry Division
- 7th Infantry Division

III Corps (Strategic Reserve)

- 6th Infantry Brigade
- 4th Infantry Brigade
- 10th Infantry Brigade
- 11th Tank Brigade

- The Guard units were hardly any better than the standard line units at the beginning of the war, but they received better recruits and replacements from disbanded units, raising their proficiency level above their compatriots.
- Red Anya

The attacks against Slovakia suffered from poor coordination between the front commanders as the Ukrainian Front sought to advance against multiple nations and the German Fronts focused on Berlin, relegating their southern front to secondary status as they attempted to break through the German lines. The Ukrainian fronts bore most of the burden of the wider war, although they never received much support from the Politburo. This strategic decision hindered the Russian's plans as the German front consumed more resources in brutal battles of attrition.

- The brutality of these battles is part of what convinced the Alliance they could conquer Europe. The pictures of cemeteries storing caskets stacked under tents until the gravediggers could catch up left an impression on everyone who saw them.
- Goat Foot
- The people who win at war are the ones who stop paying attention to stupid niceties first.
- Matt Wrath

The efforts of a united Europe induced further strains on the Russian General Staff. Hungarian infantry units bled themselves white by performing human wave attacks against advancing Russians, decimating entire regiments in brutal close-quarter combat while air assets concentrated on interdicting the Russian's struggling supply network. While the annexation of the Ukraine allowed the Russians the promise of shorter supply lines, the transfer of natural resources to the Ukraine's industrial centers proved difficult with coordinated air and Special Forces efforts to hinder those operations. These efforts also complicated the transfer of agricultural products to Russian urban centers, worsening the quality of life for the Russian populace.

- This was the Russian leadership's struggle. It seemed every success in providing a better life for their citizens through conquest backfired in some way, which led them to attempt to conquer more. It became a self-defeating spiral that sapped the strength of the nation.
- Baka Dabora

The Summer Stalemate

The summer of 2032 saw the efforts of the Russian Army reduced to local attacks and heavy patrolling along the front as the recently formed European Defense Force attempted to mobilize their populations to support a long attritional campaign against the invaders. While the local attacks were reasonably successful in the amount of territory gained, they did not always retain it. These minor actions allowed the Russians to begin integration of their command systems into the new Matrix and update factories near Volgograd to the new technology, simplifying some of their production concerns while ensuring the defenders had to maintain disproportionate forces to defend against their activities.

- The factories are now owned by Renraku, for those of you who want to know. The facilities were surrendered to the corporation in return for debt forgiveness. They have been producing weapons for the commercial market ever since.
- Baka Dabora

The city of Ostrava was repeatedly taken and lost, with the reformed 122nd Motorized Rifle Division frequently leading the Russian efforts. Engineering units from both sides attempted to reopen the region's coal mines to bolster production facilities in other locations. These actions eventually made the city uninhabitable, as bands of deserters and displaced civilians resorted to wholesale banditry to survive. The Russian army also attempted to fix the positions of Austrian and Czech armored reserves with reconnaissance formations making regular penetrations near the villages of Dolní Lomná, Ropice, and Albrechtice. While this activity along the southern front misled several leaders into thinking the Russians had decided on a more southern policy, supplies were being massed for a renewed offensive to the west.

The Russians purchased large amounts of improved network communication equipment from Japanese exporters to replace the infrastructure crippled during the Crash. The initial investments were in heavy industry to improve the supply situation for units forming in the rear and smooth the shipment of natural resources to military-controlled manufacturing firms. Later, improvements were made to the central communications nodes, allowing the generals residing in Moscow a better understanding of the war's progress and how to best use their resources to secure victory.

- This command-and-control method proved crippling when someone decided to stop the war. Matrix attacks disabled and disrupted the Russian's network for nearly a week as their technicians tried to repair the nodes.
- Bull
- Most political and military leaders have trouble with a decentralized command system. It takes direct control away from them.
- Fianchetto

The defenders utilized this period of relatively low intensity combat to re-equip depleted units with modernized armored vehicles and to improve their air defense assets in preparation to launch a

counter-offensive of their own the following year. The German government began to sponsor the formation of mercenary units under a unified command to ease their integration with higher command elements and to standardize their armament, allowing what eventually became MET 2000 to function as a coherent unit. These structural changes, along with the opportunity to digest the lessons of the early invasion, increased the bloodshed when high-intensity operations began that autumn.

- The bloodshed of these operations decimated the populations of a number of the towns near the front. A popular mission was to fire a harassing barrage at a road junction and see if there were secondary explosions.
- Aufheben
- It's been done since artillery became an indirect-fire weapon. It makes sure the receiving force spends time digging in their supplies, meaning they have less time to use them.
- Marcos

The Bear Resurgent

Russia's last major offensive started 14 Sep 2032, with the newly formed 17th Tank Army attacking the defensive lines protecting Berlin while an aerial offensive struck against industrial targets across Europe. While General Anastasia Ivanov's 75th Tank Division smashed itself to pieces against the German 2nd Corps, Moscow was planning a new method of winning the war by expanding the front and stretching the German defenders past the breaking point. The European's eventual response was the deployment of MET 2000 and several lesser mercenary units to halt the advance, a desperate measure that has helped dictate the relationship between nations and corporations since.

The Neo-Soviets led the offensive with three specially formed penal regiments, created by emptying prisons of their most violent inmates. These men were lightly armed and chased into the German defensive positions around Rüdersdorf. While the prisoners failed to penetrate the perimeter, they managed to reveal the fortified positions to the following tank formations. Spetsnaz teams infiltrated through the newly formed gaps in the minefields and designated the revealed positions for laser-guided artillery strikes. These actions fixed the German reserves in the Berlin pocket as the Russians changed their axis of advance away from the beleaguered city.

The Russian 10th Army struck south, decimating the newly formed 9th Panzer division between Guteborn and Hermsdorf, the intense artillery bombardments devastating the two communities along with the green troops. This apparent collapse in the German defenses led to the insertion of MET 2000's mechanized infantry elements to stop the advance with hasty anti-armor ambushes. The rest of the formation was deployed shortly thereafter to separate the Russian spearhead from its support elements. The first large-scale battle for the mercenary command occurred three days later, 19 Sep 2032, as the Russians attempted to pass a new armor formation through the suspected gap in German lines. The 10th Army was disbanded two weeks later.

- The astral space between these two villages still hasn't healed. Over ten thousand people died in the two kilometers between them.
- Ethernaut
- The anti-armor ambushes by MET 2000 are still studied in most military academies today. The precision with which they used their artillery spotting assets and missile teams rewrote the book on modern warfare.
- Hard Exit

- A waste of time. Modern warfare has moved on to small-unit actions, as nobody will risk, or allow anyone else to risk, full-scale warfare again. For all the big talk, the Aztlan-Amazonia war was much more about small battles and guerrilla clashes than full-scale fights.
- Picador

While the ground forces stymied the Russian advance with effective small-unit ambushes and counter-battery fire, the industrial centers of Europe burned. Effective civil defense measures saved civilians but left them homeless and jobless in the wake of the Russian's offensive. The aerial strikes crippled most national transportation networks and limited logistics support to those escorted by corporate-sponsored security teams.

- Has anybody else noticed how little German territory the Russians actually took? They seemed to be bottled up early on and just fought until someone made them stop.
- Winternaut

MET 2000, with the remaining Austrian and German air forces, launched spoiling attacks against the Russian spearheads. The Germans committed their remaining Reaper drone inventory to the effort, targeting known and suspected fuel stores while the Czechs and Hungarians dedicated all available assets to close air support, in an attempt to limit allied casualties. MET 2000's strategy ground down the Russian's armored columns, ending the offensive seven weeks after it began. The Politburo announced the end of the offensive 1 Dec 2032, almost a week after forward progress had stalled. The Central Committee immediately began amassing material for a new assault in the spring.



MQ-9 REAPER (LARGE DRONE)

One of the first purpose-built combat drones deployed, the Reaper led a less vigorous life than its smaller brother, the Predator. The Reaper was developed from the Predator to provide strike and close-air support capability without exposing more expensive assets to hostile defenses. The Reaper has largely been removed from national inventories as modern systems provide the same capability for less expense.

- Old news. There's nothing worth seeing here.
- Clockwork

Night of the Wraith

The instigators, planners, and operatives involved in the actions of 13 Jan 2033 will probably never be fully identified. Facts involving the incidents of this evening have been obscured by time, paranoia, and Crash 2.0. The raids of that night crippled the Russian's ability to launch another assault, and also eliminated a number of European leaders who publicly stated a desire to eventually punish or dismember the Russian state. This mystery will probably never be fully explained, like the assassination of Dunkelzahn, the withdrawal of General Saito, or the Congressional vote that allowed the formation of the California Free State.

- I'll post the warning now. If it's not directly relevant, Shadowsea still has a conspiracy thread going for this, go post there. Not here.
- Bull
- I've seen the video interview of an old US Army Ranger, Kevin Ball, who claimed to be part of this operation. He died three days later when Winternight unleashed their assault.
- Plan 9

It is generally accepted that Swedish radar stations detected some of the aircraft on approach, although how those stations managed to detect bleeding-edge stealth aircraft is unknown. The available records state the aircraft suddenly appeared above the North Sea and penetrated European airspace before vanishing again during their attack runs. Forensic assessment of the 8th Army's headquarters yielded a number of bomb fragments that did not match any known munitions. Other, untracked strikes hit divisional encampments and strategic command centers. Three attacking aircraft were destroyed by alert air-defense units, but any collected wreckage was lost shortly after the war. Presumably it was melted down to provide material against the Jihad.

- While weapons with unrecorded lot numbers aren't that uncommon in our line of work, military weapons are always marked. There are serious fines associated with manufacturing untraceable weapons.
- Beaker
- If you were planning on putting a nuclear power on the ropes, would you put your signature on the bombs? There's no guarantee the Russians would have been completely rational about it once they got control back.
- Bull
- I find it strange the forensic evidence was lost so soon after the attacks. Everyone who was hit would want to track down the instigators, if only to make sure it couldn't happen again. I might start sounding like Plan 9 if I start hypothesizing why.
- Glitch

Infiltrators struck at the power brokers away from the fronts. Notable victims include: Chancellor Schmidt, slain after leaving a private meeting in Bonn's Langer Eugen with unidentified corporate representatives; and Russia's Minister of the Interior, Alexi Ivanov, who was hit after leaving Shiawase's Moscow compound. The port at Bremen ceased operation for nearly 96 hours after carefully placed explosives disabled critical power junctions, leaving recently imported

war materiel exposed on the docks as the rail and road systems were rendered unfit for travel.

The Matrix assault was never completely tracked, even during the event, as virtual operatives disabled nearly every communications node near the front lines and other critical nodes within the warring nations. The meltdown of the *Commander von Essen's* reactor was from a combined physical and computer assault; the cyber-intrusion slowed Archangel's emergency response teams after commandos disabled the cruiser's cooling system. The resulting damage rendered the base unusable for nearly a decade, and half of the Naval Command staff died due radiation exposure. A few records surfaced shortly after the wireless Matrix was brought online revealing that a number of the attacks came through Tokyo's grid, but the exact location and starting points were not revealed.

- The records can be recovered if you want them badly enough. Though I doubt anyone who dug the secrets up would live very long afterwards.
- Netcat

The Hope of Peace

The armistice was an attempt to reset the borders of Europe to their prewar locations and provide stability for the continent. As the participants communicated their demands and desires for peace, rebuilding efforts concentrated on repairing critical transportation junctions and manufacturing centers, allowing them to return to war if needed. The majority of the negotiations were centered on the withdrawal of Russian troops from occupied territories and reparation payments to be made to the businesses that suffered damage during the fighting. Outside interests maintained pressure on the negotiators, ensuring the treaty's final acceptance and the timetable for the restoration of the borders and nominal independence.

Russian troops withdrew quickly from the devastated regions of the occupied countries while maintaining "peacekeeping" forces in the remaining industrial centers as local and national governments reformed. The last Russian units left Poland on 14 Aug 33. The last countries to be evacuated were Estonia and Latvia, as those nations suffered from a lack of political leadership after the Russian takeover. The Ukraine quickly reasserted its independence, later becoming a counterbalance to Russia's influence in the region.

Belarus' military personnel were nearly completely demobilized, with the remaining soldiers primarily stationed at state-owned farms to provide food for themselves and the new government. The new Minsk government's attempts to assert itself against the corporate and Russian-owned industries backfired as temporary layoffs and delayed material shipments increased internal dissent and provoked cash-draining riots. The Parliament called for new elections by 5 Oct 2033, and a more business friendly regime was elected. While this created increased employment, average wages continued to drop, reducing the nation's quality of life.

- Belarus' problems were, and are, directly tied to their proximity to Russia. You can't really expand into new industries or exert power when the nation next to you is your largest trading partner and can shut off the natural gas pipelines whenever you get too lippy.
- The Smiling Bandit

- It doesn't seem to stop the Ukraine, which has had been a number of anti-Russian governments since the Soviet break-up. They don't seem to last long once winter sets in, but they keep trying.
- Red Anya
- I've seen a few records indicating the Russians removed a lot of materiel from the Baltic States after the Armistice was signed; it was mostly ammunition and explosives in non-Russian calibers. I have no idea where it ended up.
- Glitch
- There's a good chance it found its way to the black market, either intentionally or unintentionally. You could find a lot of 2020s-manufactured ammunition until about a decade ago.
- Am-mut

The European governments' rebuilding efforts slowed as the bond markets were unwilling to extend additional credit to the combatant nations without increased interest rates. This lack of credit dominated national politics as spending cuts reduced their ability to support rebuilding and the populace's need for welfare. Italy mothballed its sole carrier and sold two of its oldest frigates to Morocco in an effort to pay off a portion of its international debt as unemployment rose again. The Hungarian government staved off the recessionary effects of the war for nine months by selling facilities to extraterritorial corporations in return for better loan terms or forgiveness of war debt, but when there were no more excess facilities to sell, their favored status ended and Hungary joined Europe's financial malaise.

- This is another example of the effects of losing their national tax base due to extraterritoriality. Productive factories and people became citizens to foreign nations that used the infrastructure but did not pay taxes to maintain them.
- Kay St. Irregular

Ares and Fuchi threatened to withdraw from Vienna's bond market when the national government refused to accept Linz's bond repayment terms after the city's accounts were drained through an unauthorized electronic transfer. After prolonged negotiations, the Austrian government accepted responsibility for the city's payments in return for an undisclosed consideration. Shortly thereafter the Danube Union was formed on 1 Aug 2034, binding the governments of the Czech Republic, Slovakia, Austria, Slovenia, and Hungary into a new defensive pact and gaining some leverage in repayment negotiations as they presented a united front under Emperor Leopold.

- The united front helped them a little, but it was largely Saeder-Krupp's desire to have a stable government to work with that had eased their credit woes. When a dragon buys nearly sixty percent of the bonds on Austria's market for six months, the other players start falling in line, or get out like Ares did.
- Mr. Bonds
- The whole thing about not dealing with dragons includes stock market transactions. It's not a safe thing to do *anywhere*.
- Slamm-O!
- They paid for it for a long time, but now the Japanacorps are calling the shots. They basically traded in one master for another. The strange thing is how tame the bond markets were once S-K started to sell off their holdings, the yield was less than average and there weren't many shocks as they came to maturation.
- Mr. Bonds

NEWSFEED

SOLDIER'S HOME CLOSED—19 JUL 2033

Bonn, De.—The Ministry of Public Health closed Bonn's Soldier's Home yesterday after an investigation revealed the veterans housed there were receiving dog food as their primary dietary protein. Parliament has demanded a full review of all veteran care facilities, and the matter may become a major point in the upcoming budget deliberations.

The soldiers formerly housed at the facility have been relocated to unused barracks at the Grafenwoehr Training complex. The army will provide limited support for the disabled until their final disposition can be ascertained.

- The soldiers' final disposition was "ascertained" roughly two years later when a Turkish cruise missile struck the old barracks during the Great Jihad. I wonder if the government would have ever found them someplace to live.
- Aufheben
- The sad part is the care they received in Bonn was probably better than that in the barracks. The army basically fed them whatever they could scrape up in the budget, including dog food, and made them go to sick call like everyone else.
- Netcat
- It was a problem for many democracies during this time period. The budget was stretched maintaining the soldiers and equipment they had and providing basic protection to the productive regions. There wasn't much available to take care of the soldiers who weren't capable of fighting.
- Mr. Bonds

- They never did find the deckers who pulled off the heist. Rumors suggest it might have been Fuchi trying to squeeze the government into higher interest payments.
- Glitch

EURO WARS, PHASE TWO

No Rest for Europe

The first blows of the Great Jihad were small pinpricks, starting before the Alliance for Allah formed. These small moves started to open doors for the invasion to follow. The ink on armistice was barely dry before bombs began to detonate in Greece's and Hungary's cities. The Russian's Southern Front reported increased smuggling activity along the border, along with illegal Matrix activity. Immigration of Muslim refugees hid infiltrating terror cells and intelligence operatives while establishing small support hubs for the invading army. The careful preparation at this stage was at odds with earlier efforts and the disorganized violence that followed.

- Understandable, really. The Europeans were planning for the next round against Russia despite the treaty. Infiltrating among the refugee stream was probably easy; refugees are still used for that purpose today.
- Fianchetto
- There are few purely fundamental extremists with the ability to perform a critical terrorist strike left in the Middle East. Between the corporate-sponsored purges and the Caliphate's desire to prevent an invasion, terror cells tend to have backers with less religious motives, or they hire shadowrunners instead.
- Goat Foot

International police organizations noted shipments of small arms ammunition to the Balkan states, although this was largely explained away as part of the continent's general preparation for another Russian invasion. The final destinations of these shipments did not survive in available records but appear to have been largely stored on private property. One Interpol report hints the purchaser of one million rounds of 5.45mm ammunition may have been Ares Arms for use at a local weapon testing facility. The destruction of that facility during the invasion eliminated possibility of confirmation, although the stockpile was later used by the 4th Faithful Provisional Brigade when the unit assaulted Slovenia. Efforts to halt these shipments into the region were haphazard, as most governments were attempting to repair damage rather than police international waterways.

- The amount of arms smuggling and legal dealing was staggering. Ares made a mint on selling reconditioned small arms by the freighter load to anyone with even close to legal standing.
- Bull
- Later evidence indicates Ares was less than picky when it came to their clients. They sold enough Hellfire missiles in the third quarter of 2033 to double total production compared to the previous forty years combined.
- Beaker

NEWSFEED ARMS SHIPMENT SEIZED—13 APRIL 2033

The Marina Militare seized a derelict vessel earlier today in the Adriatic Sea. The crew of the stranded vessel committed suicide rather than be captured by the *Trieste's* boarding party. A detailed search of the vessel found three hundred unmarked AK-74 assault rifles. Interpol has been informed of the seizure and has promised to conduct a full investigation into the suspected arms smugglers.

- Too bad they were unable to stop the rest of the shipments. Interpol managed to eventually identify the manufacturer, a state-owned factory near Baghdad, a month after the invasion started, when they had more copies to compare against.
- Fianchetto

Egypt allowed terrorist organizations to use its western border region as a training ground and arranged transportation of operatives to Europe and Morocco. Inserted agents deposed the Moroccan monarchy and pushed their radical agenda through the mosques and schools. The largest terrorist successes were a mass prison break orchestrated near Vienna two weeks before the invasion began and a car bomb that eliminated the air force cadets class of 2036 during their tour of the Nea Anchialos base on 10 Sep 34.

- The prison break disrupted Austria's internal security for nearly three weeks as the police were more worried about capturing the escapees than stopping people with legitimate passports. That lasted until the League found their communications nodes compromised.
- DangerSensei

The death of Azad Fasil after he returned to Amman removed the last prominent moderate voice. The Jordanian's death also changed the tone of debates raging through Middle East, and without a moderating influence less-tolerant groups began to agitate for action against the decadent west and unbelievers. These debates raged until the Alliance for Allah was formed on 4 Sep 2033.

- The debate is still raging. In every village and in a lot of family gatherings, there are those who still cry out for blood. Perhaps the Caliphate will eventually find a way to greatness; today it is searching for a way to feed its people and fend off corporate predators.
- Goat Foot

The Alliance merged a number of fundamentalist governments and organizations and sped preparations for the invasion. This organization began planning with the Turkish military council. The resulting documents spurred the Turkish military to train an additional five reserve infantry brigades, creating a replacement pool for long-term operations. Syria also began to train three infantry divisions, scheduled to be stationed in Turkey near the end of 2034.

Iraqi suppliers belatedly planned for a prolonged conflict by purchasing 6,000 tons of high grade steel from Fuchi as its initial stockpile of raw materials during the spring of 2034 as the other Alliance members stockpiled oil, simultaneously preparing for the upcoming war and enhancing their foreign currency reserves to purchase additional supplies as needed by driving the price for their products higher on the spot markets.

- The old-timers still talk about the "good old days" when they could smuggle in industrial chemicals and high quality steel for almost as much as finished goods with a lot less risk.
- Am-mut
- The underwater smuggling runs into the Middle East are still considered a difficult run even today. The nations are paranoid about outsiders, and there're still a number of unexploded bottom mines along the Gulf.
- Sounder

The Sword Strikes

Mullah Sayid Jazrir's televised address, on 14 Oct 2034, was the first warning the population centers of Western Europe received that another war had started. The countries closer to the Alliance received their warning through the destruction of their perimeter air-defense systems. The address listed the crimes Europe had committed against Allah and the members of the Alliance along with the sentence demanded by God, the total conversion or destruction of their society. The message was delivered through most media outlets by a successful Matrix attack against satellite feed systems.

- Between this and the Nightwraith strikes, the Matrix was proven to be vulnerable to players less powerful than the major corps and nations. There are some documents showing MCT and Fuchi did this on purpose to profit on security upgrades.
- Plan 9
- Right, a corp is going to leave themselves open to attack for a few nuyen.
- Netcat



- Sources: Fuchi internal memos #134A-235, #134A-368-1, and MCT **SSA-123-3678-2032. I believe you said the Resonance remembers everything; in my case, I have big filing cabinets. I'm not just a pretty face on the Matrix.
- Plan 9

The initial strikes against Israel were waves of obsolete cruise missiles launched from Egypt along with unguided rockets from Lebanon. These attacks depleted most of Israel's air-defense-missile stockpiles, forcing the besieged country to call on its outside supporters for replacements. The resupply effort was largely arranged through submersible transports from the United Kingdom, shipping supplies manufactured in the United Canadian American States. These resupply efforts were frequently interdicted by combatants on both sides of the conflict, but enough ammunition made it across the Mediterranean to ensure Israel's major population centers largely remained safe.

While Europe watched another Arab-Israeli conflict begin, Morocco launched a well-coordinated strike against maritime assets in the western Mediterranean, catching most of the available French, Spanish, and Italian navies unaware. The results of these operation allowed the Alliance to dominate the surface of the sea for years, as replacing critical assets was virtually impossible after the earlier Russian attacks destroyed critical component manufacturers. The subsurface battles continued as French submarines slipped past Gibraltar in an attempt to prevent a large-scale surface invasion, sinking or containing Morocco's major combatants in three days.

- The irony that recently sold missile frigates led the attack on Italy's navy wasn't lost on the media at the time. The Italian media called for the heads of the government officials who approved the sale.
- Sunshine

The Alliance also launched a campaign to control the eastern Mediterranean, with the Saudis utilizing its air assets in another coordinated strike against Israeli and Greek assets. These strikes concentrated on avoiding the Israeli air defense network by using more modern cruise missiles, while the Strikes against Greece were largely unnoticed as the Turkish armored forces raced across the country. This effective naval strategy crippled Europe's ability to respond against the land invasion, as the Europe's primary rapid response forces were largely marines deployed on the now lost vessels.

- The coordination of the assaults is largely credited to the Turkish and Saudi generals utilizing old American techniques. The later less-coordinated attacks were nowhere as successful.
- Picador
- Most of the old leadership was quietly removed after the Jihad started. They weren't considered loyal enough to the cause. Their replacements weren't as qualified.
- Fianchetto

The land invasion of Asia struck rapidly through Turkestan and Transcaucasia, encountering relatively little resistance as a majority of the populace was sympathetic to the Alliance's stated cause. While Turkestan's military did not immediately join the Jihad, members were allowed to resign and enlist in the units passing through the country on their way to the Russian border. The Turkish and Iranian troops led the initial assault while Iraq mobilized its reserve armor formations to reinforce the combatants the following month. Iran also sent recruiting teams into Afghanistan to locate more fighters. These personnel were largely sent as individual replacements or organized into loose bands of raiders to assist the established military units based on the qualifications of the recruit.

- Parts of the local population had been preparing for ethnic cleansing for years. The Alliance just turned their anger against Russia itself, rather than the Russian people among them.
- Kay St. Irregular
- I wouldn't say they completely turned it. There have been a number of mass graves of civilians found over the past decade as the pipelines are repaired and replaced.
- Sunshine
- The Afghani irregulars were a surprising effective asset for the Alliance. They largely looted for their supplies, and returnees recruited more fighters for the next group. A number of tribal groups almost considered it a rite of passage by the late-2030s.
- Goat Foot

The Russian response was slow, as the Southern Front's troops were primarily involved in training for transfer to the western front, rather than preparing to defend the border against an attack. The Politburo was also confused as the Iranian forces cut previously secure supplies of oil and natural gas to factories deeper in the country, disrupting already stalled rebuilding programs. Eventually the High Command reallocated air assets eastward but were unwilling to rapidly move significant forces into the theater as terrorist cells struck against logistics and transfer centers.

- Between the damage of the First Euro War and the Alliance's efforts there weren't many intact routes from the European theaters to the Southern Front's AO. While the combat elements could have made the trip, their support elements would have been left behind.
- Hard Exit
- The damage to the petroleum infrastructure had far-ranging effects that are still felt today. The cost of repairing the pipelines is still priced into the natural gas prices in Europe.
- Mr. Bonds

The heaviest combat was reserved for the European theater. Turkey launched a massive assault against Greece using the loaned Syrian units as protection against Bulgarian strikes. The Athens government surrendered to the invaders after five days, the Greek army falling after three days of heavy fighting. The Turks looted Greek stockpiles of ammunition and fuel as their spearheads plunged into the Balkans, gaining recruits and momentum as they moved northward.

- The supply crisis was a constant problem for the Alliance. The supply network wasn't up to supporting units so far from their factories.
- Picador
- The equipment that never made it to Europe is still available for sale around Africa. Product quality is a little suspect, but the profit margins are killer.
- Am-mut

Faith Advances

The Alliance's invasion of Europe continued through the winter of 2035, with additional Saudi forces adding to the pressure on Russia's now-redeployed Southern Front. The Russians reassigned the entire 2nd German Front to the conflict, renaming the formation the Turkestan Front with the recently promoted Anastasia Ivanov in charge. These additional troops slowed the Russian collapse but failed to stop actions against their infrastructure or the crippling air raids against their southernmost population centers. The attacks against Eastern Europe expanded, with Turkish spearheads pushing through the Balkans into the Danube League's national territory and sweeping across Bulgaria. The assault against Spain grew in size, although the operational control of the invasion was haphazard. These actions placed increasing strain on the European nations to maintain a cohesive effort against the Alliance.

- The Southern Front went through a number of commanders during the first sixty days of the Alliance's advance. It finally settled on Aleksey Andropov, who was a better politician than leader. He was skilled at preemptively sending his division commanders to the firing squad. Needless to say, the Front never earned a good reputation under his command.
- Red Anya

The Iranian's "Hammer of Faith" Corps penetrated the Southern Front's defensive lines near Nalchik, allowing designated irregular forces to spread past the flanks of the Iranian's efforts to seize Pyatigorsk. These irregular forces, largely recruited from warlords in failed states and terrorist networks were assigned targets among the populace to reduce the general public's willingness to resist the coming occupation and remove moderate leaders so more radical or malleable options would take over religious organizations. Meanwhile, the Iraqi's 2nd Republican Guard Corps slammed into stronger resistance but ground down the Russian defense through the use of human-wave assaults.

- The Iraqi's willingness to send troops at a position until it ran out of ammunition demoralized a number of the local defenders. It probably didn't help that the Russian troops realized their leaders would use them the same way if less conventional methods failed.
- Picador
- If you have the resources, human waves are effective methods to eliminate local resistance. It costs too much to make it an option for an entire campaign or operational maneuver, but for smaller chunks of territory, it works.
- Hard Exit
- I'm not sure it would work against modern troops as effectively as earlier generations. The amount of firepower, explosives, and ammunition a modern squad carries is more than a platoon from 30+ years ago.
- Beaker

HISTORICAL RECORD

HAMMER OF FAITH CORPS

Commanding General: Mohammad Fattah

- 3rd Armored Division
- 5th Infantry Division
- 7th Mechanized Division
- 32nd Armored Brigade
- 49th Air Defense Brigade
- 73rd Infantry Brigade
- 108th Infantry Brigade

The Russian 2nd German Front completed its redeployment on 27 Nov 2034, with the 8th Tank Army smashing itself against the Alliance's attack. This bought the Southern Front time to regroup as the renamed Turkestan Front deployed itself in blocking positions. This mobile warfare played to the Russian's strengths as new divisions were equipped with LAVs and flew above the rugged terrain to harass the Alliance's less-mobile heavy forces. The heaviest actions centered on the pipeline nexus at Alexadrov Gay, with the Russian 38th Tank Division attempting to recover Priuzenskiy from the Alliance. The Alliance eventually learned how to slow the Russian's faster formations at the Battle of Volgograd, which lasted nearly two months, as Iranian units took advantage of the urban terrain to set up anti-air ambushes.

- You can still find unexploded ordnance in the bad areas of the city. The gangs sometimes send young ones to recover it as a rite of passage.
- Traveler Jones

The Turkish offensive though the Balkans pushed through Montenegro as the Danube League's forward positions were overrun on 13 Dec 2034 by armor-heavy task forces. The outposts were largely manned by new recruits gaining practical experience before they were transferred to face the new Russian offensive believed to be just around the corner. The largely instructive nature of the assignment left them unprepared for the round-the-clock nature of the Turkish offensive, and the inclusion of irregular forces in the attacks left the defenders bewildered as former neighbors joined the attackers.

- Now you know why some European countries install skillwires and knowsofts in troops today. It means every soldier is trained and ready fight as soon as they recover from the procedure.
- Beaker
- That only works for the fodder. Real soldiers still take time to develop, and attempting shortcuts just means the final goal will take longer to get to.
- Picador

The attack into Bulgaria was less successful as Romania sold the services of several of its military units to the Bulgarians in an attempt to keep the invasion away from Bucharest and their remaining production centers. These mercenary units bolstered the Bulgarians' ability to temporarily resist the invasion, but the Alliance continued a slow, if steady, advance across the nation. The Turks and Syrian formations utilized vehicles captured in Greece to augment their supply networks,

allowing them to transfer trained replacements to their combat units and return looted materials to their manufacturing centers near Istanbul and Ankara.

- The money the Hungarians paid eventually ended up in the hands of other mercenaries as the Jihad ground through Eastern Europe. Romania originally thought they could ride out the storm and use the money to resist corporate takeovers after the war. Instead the corporations bought the country during the war by holding all of the foreign bonds.
- Mr. Bonds

The defense of Israel was the only front where the Alliance is completely stalled. The installation of the Skyguard IV system eliminated the threat to population centers as newly manufactured laser installations were sped to the beleaguered country by their North American benefactors. The Israeli use of tactical nuclear weapons decimated the command structure of the forces arrayed against them and their fortified defenses held off infantry heavy attacks, in spite of constant artillery harassment.

- Ares is still receiving payments on the Israel's war debt. The penalties for lost shipments alone took three decades to pay off.
- Mr. Bonds

The Moroccan invasion of Spain overwhelmed the local defenders as the invaders' quick operations confused the Spanish Central Command. The Spanish National Guard's attempts to slow the invaders eventually worked, although they lost almost half of the country before momentum changed. The fortifications of Gibraltar resisted the invasion and provided succor for thousands of refugees who fled the advancing jihadists.

The nature of the Alliance's forces changed as the disaffected youth of Africa and the Middle East began to mass on the coasts of the Mediterranean Sea, looking toward Europe as the news of easy victories returned with the spoils of the successful campaign. These untrained fighters represented a large pool of manpower the organized military was unable to incorporate due to equipment and funding shortages. Their eventual usage was sponsored by their local imams and resources, sending their youth into the fray to fuel the fires of faith.

- The disaffected youth has been a problem for the Middle East for nearly a century. When will the governments and corps figure out how to productively use it?
- Snopes

The Walls Break

The Danube League conducted a counterattack through Bulgaria in an attempt to cut the Turkish units off from their supply lines. While the I Legion was partially successful by siphoning off units intended to push through Montenegro and returning territory to Bulgarian control, the offensive failed to reach Istanbul. The Legion lost the critical battle of Plovdiv and was thrown on the defensive while mercenary units were used to stabilize the new front and enforce the Bulgarian government's authority.

The Alliance's push through the Balkans reached the city of Ljubljana, prompting a pre-planned Italian response. The Italian army deployed three light brigades to block mountain passes and support

HISTORICAL RECORD

LEAGUE I LEGION

Commanding Officer: General Adolf Herntässer

39th Austrian Artillery Division
41st Austrian Mechanized Infantry Brigade
19th Czech Infantry Division
3rd Czech Tank Brigade
10th Czech Infantry Brigade
2nd Hungarian Tank Division
4th Hungarian Rifle Division

- The Legion idea was pretty interesting on the surface. Transfer entire commands to an experienced headquarters and then send the unit back to its home nation when it needs rebuilding. It's also what led to the accusations of favoritism later.
- Hard Exit

the defenses of their Austrian allies. Accompanied by airstrikes and reinforced by an attack-helicopter brigade, the light forces were swept aside by local irregular forces and the Hammer of Faith. The intended operation relied on minimal ground forces pinning the attackers while air assets eliminated them, as the Italian high command realized the error in their planning, the deployed units were routed back to Bovec and Kobarid. While unable to deploy sufficient ground forces to consummate a decisive battle, the Italian air forces quickly launched a new air campaign to render the port of Alexandria unavailable to the Egyptian Navy.

- The Italians underestimated the Alliance force's willingness to take casualties and used tactics that often caused less-motivated Russian units to pause during the earlier war. Strength of faith can motivate soldiers to new levels of performance.
- Goat Foot
- I prefer wired reflexes and a solid plan over "get 'em".
- Hard Exit

The Romanian government struggled to maintain control of the nation as Alliance-affiliated terrorist cells struck transportation nodes supplying the League forces in Bulgaria. Shocks to the civilian sector's safety provoked civil disobedience, which led to further deterioration of the government's authority. In response to the heightened state of emergency, Romania's Prime Minister declared martial law on 18 Apr 2035, effectively ending democratic rule in that country for the next twenty years.

- Not that the current regime is all that democratic—even the UN and Corporate Court have made public comments regarding the country's oppressive leadership.
- Kay St. Irregular

The Fists of the Faithful reached the Austrian border on 27 Apr 2035, crashing into the League's IV Legion, which was manning

carefully prepared positions. The Fists were replaced by the newly formed Sword of Justice and slowly returned to Alliance territory to reform and absorb replacements. The Sword struck against Vienna but failed to consolidate its gains as newly promoted leaders lacked the experience of previous commanders. The invaders were pushed back to the Balkans where the terrain favored their heavy infantry force against the IV Legion's counter attacks.

- IV Legion was primarily composed of Austrian units; they were only in combat for three weeks before I Legion was pushed back to the front again. They spent most of the remainder of the war in training exercises.
- Glitch

Momentum Swing

The German government deployed its I Corp to Austria under League leadership as the first overt indication that diplomatic overtures between the Russian government and Europe had thawed enough for both power blocks to send manpower to stop the Jihad. The German unit initially took over sweep operations in Austria, eliminating stragglers and bypassed troop concentrations from the Sword's hasty retreat. Committed to front line combat on 17 May 2035, the battle-tested German armor formations penetrated nearly eighty kilometers on the first day. While progress slowed dramatically in the face of guerilla warfare tactics employed by the Sword's remaining troops, the combined European forces begin to reclaim territory at a regular pace.

- There are a number of personal memoirs published by the soldiers involved in the campaign. They're about the only historical records left as the primary German records were lost in Crash 2.0, and a number of League archives were destroyed after Leopold's fall.
- Snopes

HISTORICAL RECORD

BUNDESWEHR I CORPS, 16 MAY 2035

Commanding Officer: Major General Heinrich Baumholder

6th Panzer Division
12th Panzergrenadier Division
14th Panzergrenadier Division

The Russian troop transfer was slowed due to the destruction of their road network, although new units trickled into the combat zone fast enough to continue to grind down the Alliance attackers. The addition of LAV-equipped infantry units allowed the Red Army to cut off the forward elements of the attackers, but even after three successful encirclements, the advancing Russians failed to eliminate the invaders. These remnants imperiled supply routes throughout the rest of the campaign, multiplying the difficulties the Russians faced.

- They're still there, mainly acting as bandits rather than military units. They largely restrict themselves to striking against outlying villages and small convoys.
- Red Anya

- The fighters came home a long time ago; today's raiding is just Russians killing Russians for a quick ruble.
- Goat Foot

The majority of the Russian efforts were focused on Iran. Airstrikes were directed against the road network and the nation's remaining factories, and Iran's strategic ability to support the war effort was relegated to untrained manpower and whatever material they were able to import through their damaged port facilities. Russia's attempts at promoting a fifth column within the country failed, but riots were reported after several bombing missions. The Iranian regime's response to this disobedience reduced their supply of untrained manpower.

- A brutal answer to the problem, and a little embarrassing when the Mullah asked for the youth to rise up against the infidel a month later. The Iranians could have directed all of that hostility against the Russians and maybe gained more ground.
- Glitch

The addition of mercenaries to the Balkan front aided the European attempts to crush the Alliance's flank, although the expense of adding the required number of professional soldiers nearly bankrupted the Hungarians. MET 2000 deployed a number of anti-armor ambush teams to stop mobile attacking units and committed their armor to local counterattacks. The hired soldiers blunted the Alliance's threat until the money ran out, often showing more haste in redeploying from the combat zone than deploying to it. While some corporations were able to protect their facilities, "regrettable incidents" occurred frequently enough to spike their security costs, since mercenaries were unlikely to offer discounts to any employer.

- One of the best paydays for mercenaries this century. The old-timers still talk about the shortage of qualified hands and the pay employers were willing for pay for any competent help.
- Hard Exit
- If you follow the remaining financial statements for the period, the ones who generated the most profits weren't the mercenaries themselves but the brokerage firms who arranged and monitored the contracts. One of the most profitable was headquartered in Hamburg, but it was purchased by SK Prime in the 2050s and the records are no longer available.
- Mr. Bonds
- I wonder how much that dirt would be worth now? Paydata has expiration dates.
- Slamm-O!

Spain's situation began to stabilize as their units returned from their Eastern European postings and French support began to filter down the peninsula. The British Army also deployed advisors and support elements to support the Spanish effort. The Spanish army attempted to deploy their limited heavy units against the invaders but were largely restricted to counter-insurgency actions against their loosely organized opponents. This misuse of military assets led to downward-trending morale and discipline problems as individual soldiers began to question their superiors' motives and competence. This breakdown reduced the Spanish units' ability to aggressively prosecute enemy contacts as the soldiers preferred the protection offered by fortifications to open field operations.

- This is one of the reasons mercenaries are now preferred over conscripts. We only get paid if we complete the mission, or at least make an honest effort. Conscripts only want to get it over with so they can go home.
- Hard Exit

Youth Movement

The propaganda machines had an unintended effect on the youth of the Alliance. Focused by their local imams and leaders, the young men began their own invasion of Europe. Fueled by the stories of easy victory and the wealth returning to families of soldiers already in Europe, the desire to join the invasion overwhelmed the ability of the Alliance to train and incorporate them into the formal military. The 14 June 2035 call from Mullah Jazrir for all able bodied Muslim males to "punish the infidels, no matter how you reach them", unleashed a torrent of new invaders against Southern Europe. This disorganized offensive compromised the defense of the Danube League as allied forces returned home to stop the attacks.

- On a strategic level, this probably hurt the Alliance more than it helped. A bunch of untrained amateurs in combat only results in unneeded bloodshed, and it hurts support at home.
- Hard Exit
- True believers never lose faith.
- Crescent Moon

The unaffiliated youth of Morocco and Egypt seized a variety of civilian watercraft and crossed the Mediterranean Sea, landing on the islands and unprotected beaches of Europe. The reinforcements in Spain nearly pushed through to Madrid, being stopped by a defensive line manned by a hastily raised militia and returning mercenaries between Borox and Recas. The fighting devastated the local infrastructure and irreparably polluted the local water supply. The invaders overran limited resistance on Sicily before advancing to the Italian mainland. The invaders remaining on the island began to opportunistically loot the local residences and promote conversion to the inhabitants. The limited success of these efforts enhanced the reputation of the youth wave's effects beyond their accomplishments in the immediate years after active hostilities ended.

- The Church's purge of the converts was particularly brutal in the 2040s. Intolerance is not limited to any specific creed.
- Goat Foot

The short siege of Naples began when the recently formed *Goito* Brigade successfully launched local counterattacks against the disorganized bands working their way across the countryside. These efforts provided the invaders with a rallying cry and a need to organize while it provided the Italians with the set-piece battle their leadership desired. The battles in Scafati and Nola Napoli destroyed those communities as the more organized bands conducted coordinated strikes against the city. Less well-armed bands continued north and attempted to cut supply lines. The siege continued for a week after Mullah Jazrir's death, and the city's reinforcement by the *Cremona* Brigade. Sporadic fighting continued for nearly another three years as Italian forces purged remaining Jihadists and their sympathizers.

- There are still active bounties for a bunch of profiteers from this era; most are listed as being posted by the Naples' city government. I guess they haven't forgotten or forgiven.
- Sticks

- Do you blame them? The invasion of Italy scarred the people more than the land by the time the fighting stopped. They want justice for those who died.
- Aufheben
- Or just vengeance against those who saw the error in following a hypocritical religion. It's a matter of perspective.
- Goat Foot

Turkish generals decided to send their trained troops against the Hungarian defenses, allowing the recently arrived personnel the opportunity to remove the limited resistance organizations and subjugate the remaining Greek populace. The young invaders had difficulty discriminating between uninvolved civilians and insurgents. Armed with newly liberated arms and antiques from home, several bands began to purge neighborhoods. These participants were responsible for most of the recorded atrocities that devastated the urban population centers. These attacks continued against the largely unarmed populace and received little attention in the international media after the Jihad withdrew from the country.

- The media stories coming out of Europe were largely propaganda of a different sort in the 2040s. The "look how well we're rebuilding and moving past war" sort of thing, despite the fact the continent was in a recession and there is still evidence of battle damage if you know where to look. Nobody wanted to publicize continuing bloodshed.
- Sunshine
- Notice he said "recorded." There have been fourteen mass graves found that have no evidence indicating who did the deed.
- Glitch

Jordan managed to gather the majority of their youth into provisional battalions that were immediately marched to the Russian Front. The columns were hastily trained en route and fed into the meat grinder around Volgograd, where the Russian defenses rapidly consumed them. Those soldiers that returned to Jordan told tales of continuous artillery barrages, death, and deprivation at the front. These returnees reduced the enthusiasm of the population as their stories were circulated by word of mouth through their communities, reducing volunteer rates to those the national military could easily absorb.

- From a strategic point of view, the youth surge wasn't an effective use of the manpower reserve. If the Alliance had placed more effort into training and indoctrination, the disenfranchised youth that Jazir mobilized could have formed a number of light infantry units, placed in more important theaters.
- Picador

The momentum delivered through the use of the recently arrived youth propelled the Sword of Justice to Vienna's suburbs. These attacks resulted in the deployment of three Czech light infantry divisions, that country's last remaining reserves. These divisions engaged the reinforced Swordsmen in the tight confines of Liesing and Schwechat. The brutal house-to-house fighting quickly bled the new units white, while the heavy casualties allowed the remaining lightly armed attackers to scavenge more effective weapons. The civilian losses were heavy as civil defense units were overwhelmed by the ferocity of the assault and Jihadist supply interdiction efforts.

- I remember reading about a number of friendly fire incidents when the Czechs were overrun in the newsfeeds when the war was ongoing. It seems, though, that not many of these stories survived Crash 2.0.
- Bull
- The records for a lot of the war have been lost, a large number of them after the NEEC was formed. Maybe a dragon wanted his favorite regions to play nice with each other?
- Plan 9

Operations Mountain Angel and Athens Rising

Operation Mountain Angel was a multi-pronged assault against the Alliance for Allah intended to destabilize the Jihad through military, political, and economic actions. The origin of the plan has not been released to public record; however the primary architect is believed to be Brigadier General Hastings of the United Kingdom, although this information has not been confirmed through any primary sources. The plan coordinated the efforts of three nations to attack the Jihad's west flank and to ship ammunition and basic equipment to other combatants while attack submarines dealt a sharp blow against oil revenues funding the Alliance before continuing east to pinch off the primary invasion routes.

- A calculated risk in turning the war global. Ironic the British decided to risk starting the first corporate-national world war. Goes against the stereotype, doesn't it?
- Thorn

The United Kingdom and Spain coordinated an amphibious operation against the Imam Council leading Morocco, with the intent to reinstall King Hassid to power. The operation began with a series of cruise missile strikes intended to locate and destroy Morocco's air defense network, allowing later operations to occur without interruption. The *Ark Royal* launched the first air assault against the Moroccan defenses, followed quickly by the Spanish 8th Parachute Infantry Brigade. These units secured El Araich and surrounding regions, allowing additional forces a secure foothold to deploy from their amphibious support vessels.

The ground offensive started three days later, meeting resistance at Moulay Bouselham. The Moroccan forces had entrenched a regiment of older men, unfit for prolonged combat, in the small town; hoping to delay the advancing forces long enough for help to arrive from their allies. While Moroccan records indicate four Egyptian aircraft did attempt to intercept British airstrikes the next day, Egyptian records do not show any aircraft were sent. Bypassed by major combat elements and pinned within the town by second-line formations the defenders held until King Hassid returned to power and offered amnesty to those who laid down their arms. This campaign also marked the first European deployment of the Free Marine Corps mercenary command.

Operations in Morocco ceased fifteen days after the initial assault as The King's Irish Hussars broke through the final defenses surrounding Rabat, capturing two members of the ruling council. King Hassid quickly moved to re-establish power, eliminating thirty military officers and installing select Belgian advisers into his command structure. These advisers were replaced by Ares sponsored personnel after three months, but they managed to eliminate support for the Jihad before their replacement.

- One of the few times this researcher notes how the corps moved in after the fighting ended and maximized their profits. Although they fail to note how much Morocco paid Ares for their next air defense system.
- Aufheben

NEWSFEED

BRIGADIER GENERAL GEOFFREY HASTINGS

The recently retired general's funeral services are scheduled to occur at Our Lady of the Rosary, tomorrow, the 13 of March, 2042, at 9:00 AM. The general will be laid to rest in his family's crypt at the St. Michael's Cemetery. He is survived by his wife and three children.

- This is all I could dig up on the guy, and I'm not sure if it's the right one. Hastings seems to be a common name in the British Army.
- /dev/girl
- Surprised you found that much. Hospital records indicate someone with that name died of heart failure at the age of 37 on March 11th, 2042. Accessing the record launched a virus when I tried to copy it, not fun. I went back and the file's completely gone.
- Snopes
- Are we sure you're the real you now? Or are you some kind of Matrix puppet, lol. It's some nasty stuff.
- Clockwork

- The number is still considered a state secret, even though you can find it on Ares' annual financial statements as well as upgrade and maintenance costs. The contract is large enough it has to be listed in the footnotes.
- Mr. Bonds

The loss of Morocco led to a loss of support for the invaders of the Iberian Peninsula. Without the limited support Morocco was providing in replacement troops and the youth migration, the fighters in Spain were rapidly pushed into designated "kill-boxes" and eliminated by advancing Spanish, British, and French troops. The Royal Marines landed forces at Gibraltar to relieve the garrison and contain retreating jihadists. Royal Navy interdiction patrols limited the number of evacuees that were able to reach Africa or other parts of Europe still under the Alliance's control. Effective Alliance command and control ended after a battle near Albacete destroyed the last divisional staff and satellite communication equipment. The British forces were able to inflict significant losses on the remaining leadership by targeting radio transmissions and concentrating artillery fire on strong points as their troops swept through the area. Spanish troops continued to sweep the countryside for several years as a precaution against guerilla warfare. Eventually all captured invaders were transferred to the Meridional Corporation and assigned rebuilding tasks as a means of restitution.

- A form of prison labor, eventually most of the prisoners were released but only after they transferred their citizenship to their corporate masters and obeyed orders to avoid their old spiritual teachers.
- Crescent Moon
- You mean the ones who sent them to attack Spain in the first place?
- Slamm-0!

The airlift operation to Prague and Innsbruck supplied the Danube League with millions of small arms rounds and conventional artillery shells, along with 90 tonnes of food daily to each of the designated airports. These supplies were earmarked for units already engaged against the Jihad. The mission also provided an undetermined number of rifles and basic body armor to the beleaguered nations,

allowing them to establish additional training facilities and rearm soldiers as their gear became unserviceable.

- 90 tons are three military transports a day, whereas a one transport can carry almost 1.5 million rifle rounds. It doesn't seem like this airlift brought in that many flights a day, or did much to end the war.
- /dev/grrl
- It didn't. I remember the newfeeds about five to seven transports a day into one of the airports. It wasn't enough to help the League win, but it was enough to keep them fighting a little while longer. Remember, the enemy of my enemy isn't always my friend.
- Bull
- Old one saves the day.
- /dev/grrl

The European states inserted Special Forces into Greece to train resistance forces and coordinate fire support missions in preparation for a later invasion. The mission was led by the late Oberst Joachim Krenz, who earned more fame commanding corporate forces in the original Desert Wars. The success of the resistance against the disorganized occupation forces aided in the rapid reclamation of territory from the Alliance and restricted supplies for the Sword of Justice as it clashed with the Danube League.

HISTORICAL RECORD

SICILIAN LIBERATION FORCE

Commanding Officer: Général de brigade Pierre Tanguy

11th Airborne Brigade

14th Régiment d'Artillerie Parachutiste (attached)

12th Light Armored Marine Brigade

2nd Logistics Brigade

The Europeans nations' follow-up actions sought to remove Alliance footholds across the Mediterranean Sea, striking against troop concentrations and supplying obsolete weapons to resistance organizations to hinder consolidation efforts while the major commands were reorganized to land on the Greek mainland. The liberation of Sicily was accomplished by three French brigades, largely as a training mission for the larger attack. The full European liberation fleet was organized at Gibraltar and sailed east, encountering its first resistance near Malta. The Alliance air attacks managed to sink three light escort vessels but as the small island nation's airport was available, a French Parachute battalion was landed as a stepping stone for the operation, providing escort aircraft a divert location. The actual invasion force managed to clear hostile missile boats from the Aegean approaches as the first troops landed on 18 Jan 2036. Supplying the liberators proved troublesome at times, but the use of captured supplies helped maintain their combat capability until they reached Macedonia.

- Somebody's drinking in the propaganda. The French suffered almost 1,000 KIA or WIA when they retook Sicily. I'd hate to see what the high command called heavy resistance.
- Sunshine

- By this point in the war everyone was feeling exhaustion and expected nearly any unit committed to combat was going to suffer so many KIA it would be useless for months or completely disbanded.
- Fianchetto

The advance into the Balkans stalled as the liberators expected the local population to welcome their advance, and the supply situation for the Sword of Justice became desperate. These expectations were dashed as Muslim communities refused the European forces access to their towns and roads; peacefully when possible, forcefully when not. A new offensive by German troops failed to dislodge the Jihadist forces from the mountains, but did remove their ability to conduct offensive operations without a rebuilding period. The Kosovo region was wracked by guerilla warfare and random mortar attacks whenever a foreign unit attempted to set up a cantonment in the area. The Sword's troops merged with the population and raided remaining corporate facilities for supplies before headhunter cadres eliminated its remaining command structure.

- I remember reading the 3rd and 7th Corps was sent into the League, but trying to find the information now is impossible. Why would anyone want to erase that?
- Slamm-O!
- There has been a lot of erasure the last ten years or so, plus some of the earlier information could have been false. The powers that be want this gone as old feelings impede free trade agreements and real estate deals.
- Glitch

The attack submarines *Attacker* and *Terrible* were sent to the Red Sea before the United Kingdom declared unrestricted submarine warfare in that body of water. Corporate Court members protested the declaration, but largely removed themselves from the combat zone after the loss of the *Maersk Nashville*. The submarines rotated on station at the southern end of the Red Sea, sinking any merchants or positively identified warships. They also conducted cruise missile strikes against strategic targets and responded to Israeli requests for support when able. The submarines were resupplied at Neendakara, a minor Indian fishing port, provided to help relieve Alliance pressure in Kashmir. Supplies were shipped to India via chartered corporate vessels, limiting the Alliance's ability to strike at their opponent's supply lines without expanding the war as those same shippers carried the Alliance's limited trade. The submarines remained on patrol for eight months, later attacking the different factions from the shattered Alliance, reducing the Arabic powers' ability to coordinate new offensives.

Resurgence and Assassination

The Alliance deployed the rebuilt Hammer of Faith to Istanbul in preparation for a new offensive along with the newly constituted Flames of Martyrs corps. These formations were equipped with the best armor the Alliance could purchase from uninvolved corporations with their oil exports. These formations trained extensively for their roles in the new plan. Buoyed by the news Jazrir would speak to the unit who opened the road to their Sword brethren, the new Army command struck hard at the European liberation force, pushing the now defenders back nearly forty kilometers on the first day alone.

The European response was typical for the era, with the new command structure pushing hastily raised Greek provisional units in front of the advancing jihadists to absorb casualties, while the

better-equipped European formations conducted delaying actions as they sought positions to weather the storm. The availability of carrier-borne and Malta based aircraft helped the defenders slow the attackers, but was unable to penetrate the new air defense system installed on the Turkish mainland.

- That's a pretty cynical approach to take when you've just liberated a country. Didn't the Greek's protest the redeployment?
- /dev/grll
- There wasn't anyone to complain. Any Greek leadership was largely at the company level and below, officers at that level rarely see the entire strategy and were told, "You only need to hold them for x hours and then retreat to y". The fact those local units rarely survived long enough to accomplish the mission wasn't broadcast.
- Hard Exit

Then, the unthinkable happened outside of an Istanbul mosque. Reports vary regarding the identity of the attacker and what type of weapon was used. The initial reports by Turkish authorities indicated the assailant was the father of a slain Syrian soldier using a submachine gun. The official report released by the office of Ibn Eisa identified the assassin as Henrietta Schroeder, an Awakened German female elf, using a small pistol after she used spells to remove his bodyguards. While conspiracy theorists are still attempting to determine the attacker and their motivation, the results of his death were immediate.

- Interesting how the "official" report manages to push all of the regional buttons and present an excuse for more anti-European violence.
- Dr. Spin
- Are you really surprised by that? I've heard the real assassin was a member of a secret sect, hidden in Pakistan. Apparently the Pakistanis were expecting more help in conquering India than they got.
- Plan 9
- Nukes have a way in dissuading rational players from irrational moves.
- DangerSensei

The disintegration of the Alliance for Allah began as soon as the word of Sayid Jazrir's death reached the units on the front and the capitals. The front-line troops began to return home, often looting their way back through Turkish territory. Other units fell apart as their officers were unable to maintain discipline in the face of European counter attacks and calls from local leaders at home for the soldiers to defend their families and tribes from persecution. As the soldiers streamed home they were drawn into more wars as unity was replaced by age-old feuds and territorial disputes.

- The wars still go on, just under different names and with different backers. Some consider S-K's dominance of the Middle East as the European conquest after our defeat. There is still fighting in the Balkans and the call for Jihad rings across the desert once more. Will it ever end?
- Goat Foot
- Not while there are those in power who want more.
- Aufheben

A dramatic, high-contrast illustration of a battlefield. In the foreground, two soldiers in combat gear are positioned on a rocky outcrop. One soldier is standing and aiming a large, futuristic anti-aircraft weapon. Another soldier is crouching in the shadows. In the background, a tank is visible, and the sky is filled with intense orange and yellow flames, suggesting a city under attack or a major battle. The overall tone is gritty and intense.

ARMED FORCES OF POLAND

- While we bounced the history section around JackPoint recently, the conversation about the antiques here happened a few months back. So you'll see some departed friends in the comments. Hope the reminders of them aren't too painful.
- Glitch

- The Polish forces did pretty well considering the numbers the Neo-Soviets threw at them and how fast they lost air superiority. They managed a 14-to-1 kill ratio against the initial attack wave and 3-to-1 against the second echelon.
- Black Mamba
- The corporations made a mint off of the Polish Government those last three weeks. The Poles transferred their entire gold reserve for weapons that were never delivered and then could not recover the payments afterward due to the wording of the surrender documents. I wonder how much those clauses cost Ares and Renraku.
- Mr. Bonds



STANDARD ARMAMENT M-1A4

Unlike many of today's modern designs, earlier armored vehicles utilized a fixed-armament package that could only be changed with a factory rebuild. In many cases, changing the armament resulted in an entirely new vehicle as the mounted weapon was part of the vehicle's structure.

Main Gun: 120mm tank gun with forty rounds

Coaxial Machine Gun: M-240C 7.62mm MG

Commander's Machine Gun: M-2HB .50cal HMG

Loader's Machine Gun: M-240 7.62mm MG (rarely used)



M1A4 ABRAMS

M-1A4 ABRAMS

The Abrams was developed by the United States as a part of their plan to defeat opponents with quality rather than quantity. Earlier models were successfully utilized by their creators in several small conflicts across the Middle East. The tank's combination of speed, protection, and accurate firepower led to it being exported to numerous nations across the globe. Poland purchased its first M-1 tanks near the turn of the 21st century and used the earlier versions with success against the Russians during the Border Wars.

The M-1A4 was originally developed as an interim system to bridge the changing needs of the United States Army. The tank was retrofitted with primitive networking capability in an attempt to create a cost-effective force multiplier. The weapon system was largely left the same as earlier models, although the gunnery computer was modified to accept software updates for improved munitions and simplified maintenance. The A4 model was a combination of upgrades from earlier models and new production, as demand for the improved vehicle outstripped existing inventories.

Std. Upgrades/Accessories: Life Support (Level 1), Obsolete, Reinforced Weapon Mount (external, heavy turret, armored manual), Reinforced Weapon Mount (external, turret, manual), Tracked Vehicle, Weapon Mount (internal, heavy turret, armor manual), Weapon Mount (external, turret, manual)

M-1A4 ABRAMS (MAIN BATTLE TANK)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-3	10/15	70	0	22	15	2	24F	5,750,000¥

- The trial video of the first one of these is still on the Matrix. It sees regular play by those grognards that can't accept technology has passed these dinosaurs by.
- Slamm-O!
- There is a pair of these parked in front of Warsaw's War Museum. They have a couple of drones guarding them at all times, although why anyone would steal a pair of demilitarized tanks is beyond me.
- Red Anya
- The Egyptians have three early-model Abrams in storage for any museum that will pay for the transportation. There are rumors of others in a store yard, but I have not been able to locate any records revealing their location or why they would bother keeping them.
- Glitch
- Paranoia isn't just for shadowrunners. Government bureaucrats practice it regularly, and they have far more resources than any of us. Too bad they are playing against the corps, who own most of elected officials they technically work for.
- Aufheben



M-2A4 BRADLEY

STANDARD ARMAMENT M-2A4

Unlike many of today's modern designs, earlier armored vehicles utilized a fixed armament package that could only be changed with a factory rebuild. In many cases changing the armament resulted in an entirely new vehicle as the mounted weapon was part of the vehicle's structure.

Main Gun: 30mm Bushmaster™ Cannon w/300 ready rounds

Coaxial Machine Gun: M-240C 7.62mm MG

TOW Missile Launcher with two ready rounds

M-2A4 BRADLEY

The Bradley was developed by the United States for its heavy combat brigades as a counterpart to the M-1 Abrams. The early Bradleys were adopted after some controversy and subsequently improved over time. They were also adapted to fit other roles as earlier vehicles were removed from inventory due to age or mobility limitations. The earliest ones manufactured are still viewable off the coast of Florida for those who like diving the Dovington Artificial Reef.

The weapon platform has been upgraded several times since its initial deployment, and local workarounds for problems have produced several unofficial standards as well. The A4 was designed as a companion to the M-1A4 Abrams, like the original A0 version in the 1980s. This version utilizes rudimentary networking equipment to communicate with commanders and reduce the fog of war. The Poles retained the TOW missile launcher on their vehicles as they were able to purchase extensive stocks of the missile. Other purchasers selected the Hellfire as their anti-tank missile.

Std. Upgrades/Accessories: Life Support (Level 1), Obsolete, Reinforced Weapon Mount (external, heavy turret, armored manual), Reinforced Weapon Mount (external, heavy turret, remote), Tracked Vehicle, Weapon Mount (internal, turret, armored manual)

M-2A4 BRADLEY (INFANTRY FIGHTING VEHICLE)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-2	5/15	70	0	18	10	2	24F	3,250,000¥

- The Texans used a bunch of these as border security through the '40s. I guess they thought an anti-tank missile would stop grandma from running the checkpoint.
- Hard Exit
- The political machinations regarding this vehicle's production are required reading in many of the lobbying firms in DeeCee. Lots of the same games that politicians use today date back to the "good old days."
- Kay St. Irregular
- There are ten of them in two lines in front of Fort Devens. They form part of the entrance honor guard.
- Glitch
- There is a museum on the Isle of Wight that has three of these in running condition. They use them in annual races against each other.
- Fianchetto
- These used to have infantry firing ports on them, but they were plated over during different upgrade programs. Smartlink technology gave firing slits a second life, but it's nearly impossible to retrofit the Bradley.
- Black Mamba



M-1126A1 STRYKER

M-1126A2 STRYKER

The Stryker was designed to provide an air-mobile option for medium-weight forces, and it began the network-centric movement in American operations. The Stryker's diagnostic system was intended to reduce operator maintenance as sensors inside the vehicle would detect failing components before the vehicle suffers a breakdown. While the vehicle served the American military for several decades, their doctrine never fully appreciated the vehicle's mobility, and the lack of destructive ability compared to traditional heavy forces limited its use after the Great Ghost Dance.

Poland purchased enough of the Strykers to equip three rapid-response brigades during the Border Wars. The vehicles were a combination of US Army surplus and a limited production run of specialized types to fit roles within those units. The M-1126A2 was eventually assigned to reserve units and mobilized for the defense of Poland where their network capabilities were used as a force multiplier in delaying the Soviet armored columns.

Std. Upgrades/Accessories: Life Support (Level 1), Obsolete, Off-Road Suspension, Run Flat Tires, Weapon Mount (external, turret, remote)

M-1126A2 STRYKER (APC)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-1	10/30	80	1	16	8	1	22R	1,250,000\$

- The PCC uses one of these in an annual parade through Tucson as a reminder of how they pushed the US Army out of the west. I've even heard of runs targeting it by some of the patriotic types in UCAS.
- Slamm-O!
- There are a bunch of these sitting in a field on Ft. Lewis. They were supposed to be issued to the Metroplex Guard back in the day, but Seattle managed to swing a deal with Ares for better gear. I wonder how much they love those MPUVs now.
- Bull
- The Stryker was one of the first attempts to build a ground vehicle with integrated diagnostic software from the initial design phase. While a great concept back then, the lack of software updates means a modern hacking attack can leave the operator wondering if the thing will start or if the engine is close to exploding.
- Bull
- It's a sign of how desperate the Poles got when they pulled them out of storage. They were normally armed with heavy machine guns and not provided with improved signature-reduction tech. The Soviet Frontal Aviation destroyed more of them than the rest of the army combined.
- Black Mamba
- Any chance I can find one to replace my work van? Parallel parking is a lot easier when the tires are taller than I am, and I need better armor against fucking snipers.
- Clockwork



HMMWV

HMMWV

The HMMWV is a family of vehicles originally designed to replace an even lighter utility vehicle that was first produced in the Second World War. The HMMWV spawned a number of planned and unplanned variants, including a civilian model. The rugged all-wheel drive vehicle was popular with the military and weekend warriors alike.

The Poles purchased a number of the weapon carrier version to supply their military police with a cost-effective unit. As part of the purchase, the manufacturer agreed to sell machine tools required to manufacture a number of the spare parts to maintain the HMMWV. These machine tools, along with a large portion of the stored parts, were destroyed in the opening salvos of EuroWar I.

Std. Upgrades/Accessories: Multi-fuel Engine, Off-Road Suspension, Run Flat Tires, Weapon Mount (external, turret, manual)

HMMWV (UTILITY VEHICLE)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+0	10/30	90	0	12	2	0	6	14,500¥

- I know of somebody who had a complete collection of the civilian models stored in Everett. Too bad a fire destroyed them all; I heard he wept manly tears. The spare parts were wiz though.
- Turbo Bunny
- The military version is a little different from the civilian model, most notably the lack of keys or a wireless passcode needed to start the engine. The original military versions had a fuel cutoff and a pair of switches on the instrument panel.
- Black Mamba
- You forgot to mention that the civilian model doesn't normally have a weapon mount either. The better ones came with heated seats, a kicking entertainment module, and custom rims, though.
- Slamm-O!
- Militaries and mercenaries around the globe have largely replaced these with MPUVs. They are cheaper to operate and have better fuel economy, which makes worlds of difference when you have to pay the bill out of pocket.
- Picador



SLAMRAAM

SLAMRAAM

The SLAMRAAM and several similar systems were developed by numerous Western nations after the AMRAAM was sold for export. The system is normally mounted on the back of a suitable wheeled vehicle and placed in a position to provide rear area air defense coverage. The system is capable of being linked to a number of sensor platforms for increased coverage and to reduce the effects of terrain masking.

Poland purchased the system, mounted on a HMMWV chassis, during the Border Wars as a way to decrease pressure on its air force's assets. The missiles are capable of intercepting a number of threats including drones, aircraft, and cruise missiles. The system inhibited the Soviet's attack against Poland's strategic assets until they were put out of operation.

Std. Upgrades/Accessories: Multi-fuel Engine, Off-Road Suspension, 4 Reinforced Weapon Mounts (external, fixed, remote)

SLAMRAAM (ANTI-AIRCRAFT MISSILE SYSTEM)*

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-1	10/30	60	0	12	2	3	25F	120,000¥

When fired from a ground-based system, the AIM-120's Extreme Range band is restricted to 25 km.

- "Until they were put out of operation" meaning that they ran out of ammunition. Apparently the systems were relegated to the reserves, and the air force raided their missile allocation whenever the budget got too tight. A classic case of penny-wise, dollar-foolish.
- Red Anya

- It worked for the first thirty-ish hours or so, but the attackers used a number of cheaper assets to draw out the defenders and then countered with effective SEAD operations. There are rumors the civilians took out a couple because they were drawing fire too close to the towns.
- Plan 9
- It was a decent cost-effective platform for decades. The later launch platforms have been upgraded to use modern missiles like the AIM-11R or the Vogeljager in addition to the older ones.
- Picador
- Has anyone else noticed how much shorter-ranged the replacements are? It seems like the manufacturers are producing less-effective systems than the old ones they are replacing.
- Clockwork
- It's a function of a few interrelated things. First, rules of engagement for military forces are increasingly stressing positive target identification. Second, the increase in ECM has rendered a number of the older missile systems hopelessly obsolete against modern electronic suites. Last, corporate extraterritoriality has made it a big no-no for national militaries to start shooting over their enclaves. Things tend to get messy when the suits start losing money to stray warheads.
- Black Mamba

AIM-120 AMRAAM

The pinnacle of late-twentieth century aerial interceptor technology, the Advanced Medium Range Air-to-Air Missile was exported to over fifty militaries during its production run, and secondhand missiles have been transferred to nearly a hundred operators since. The weapon was extensively used during the Border Wars and other minor conflicts during the first twenty years of this century. Its active radar seeker was considered a marvel of technology when first developed and has inspired several designs now being offered by our corporate sponsors.

Poland purchased two hundred of these missiles to supply its air force in 2010 and followed with several more small orders until purchasing the SLAMRAAM system to inhibit Russian aggression. The purchase of the ground-based system and the depletion of existing stocks prompted the purchase of an additional three hundred missiles. This stockpile was apparently expended during the subsequent EuroWars.

AIM-120 AMRAAM (AIR-TO-AIR MISSILE SYSTEM)

DAMAGE	AP	BLAST	SENSOR	AVAIL	COST
16P**	-2/-5***	-4/M	2	24F	11,000€

* Use the Missile Launcher range table, but extend the Extreme Range band to 50 km

** Against ground target the missile is far less effective; reduce its DV to 9P *** vs. people/vs. vehicles

- I found the plans for these on the Matrix a couple of years ago. The radar seeker is a bitch to put together, and I can think of a half-dozen more effective proximity-fusing methods than the one used with this missile. The warhead is pretty potent though, even when compared to today's missiles.
- Beaker
- You have to realize the missile was originally developed almost a century ago. The level of miniaturization has gone up (or down, depending on your POV) exponentially since this was designed. Why else do you think it was so easy to find the plans for it?
- Glitch
- There are some things that were worse in the "good old days," but not many.
- Bull
- It barely qualifies as a guided missile on the modern battlefield. Any decent rigger can jam it out of existence, even with the early home-on-jam capabilities some models had. Ares didn't do anything with it once they bought the patents.
- Picador
- With all these comments on how bad it is, I wonder why there were three new ones at the Shadow Market last week. I thought they would be wiz on a LAV I've been working on. Is someone trying to pull a fast one?
- Turbo Bunny

BGM-71 TOW

The BGM-71 TOW was utilized by the world's militaries for nearly a century. The weapon was originally designed to help the United States blunt an attack by Soviet forces in Europe. It finally served that purpose in Polish service during EuroWar I. The missile's name is an acronym standing for Tube-launched, Optically tracked, Wire-guided missile. Ironically, the last version was guided using a one-way radio link, dispensing with the guidance wire entirely after the sub-component manufacturer underwent liquidation.

The missile was launched from a variety of platforms, with the M-2A4 Bradley being the primary method in Polish service. Unfortunately for the Poles, the weapon was largely incapable of stopping modern tanks, but it offered some stand-off capability against the lighter armored vehicles in the Soviet arsenal. The last known user retired their missiles shortly after Poland's surrender, citing rocket-motor reliability and overall effectiveness concerns.

BGM-71 TOW*

DAMAGE	AP	BLAST	SENSOR	AVAIL	COST
12P	-6	-4/M	0	18F	6,000

* Use the Missile Launcher range table, but extend the Extreme Range band to 3,500 meters

- Funny, Aztechnology just released a missile that looks very similar. It needs a microwave designator to hit its target. I wonder if they just pulled out this design and started making it.
- Riser
- Actually the Savager is only similar visually. The guidance is state-of-the-art along with one of the best rocket motors you could buy last decade. It also has a thermobaric warhead for more general-purpose mayhem, opposed to the shaped charge the TOW carried.
- Beaker
- With the increase in national conflict lately, I wouldn't be surprised to see someone starting a production line of these again. A small player could probably sell off a year or two's production to someone desperate enough. The only hang up is the guidance system is completely obsolete, but if it's wire-based it's also completely unjammable.
- Hard Exit
- Anything can be jammed. It's a rule.
- Clockwork
- Okay, smartass. How do you electronically stop a missile that doesn't rely on radio signals, IR, or any other radiation source to hit its target?
- /dev/grll
- EMP the operator. No control electronics, no guidance.
- Clockwork

NEO-SOVIET ARMED FORCES

>PRIORITY MESSAGE<

- It's amazing how the Russians managed to supply their forces at all with the damage to their data networks. I doubt many modern militaries could cope with those kinds of challenges today.
- Picador
- They compensated by using more primitive supporting arms than the competition. After the primary guided artillery ammunition factory exploded, they produced huge amounts of simpler high explosive with antiquated machine tools and manual labor. They also manufactured a number of artillery designs that date back nearly a hundred years. To quote an ancient leader, "Quantity has a Quality all of its own."
- Red Anya
- That philosophy also bled the nation white in two different centuries. The economic impact of considering people disposable can ruin the future prospects of entire regions as there are simply not enough workers to maintain what already exists.
- Mr. Bonds
- People are disposable, or haven't you been paying attention the last twenty or thirty years of corporate exploitation?
- Glitch





T-90 MBT

STANDARD ARMAMENT T-90UM

Unlike many of today's modern designs, earlier armored vehicles utilized a fixed armament package that could only be changed with a factory rebuild. In many cases changing the armament resulted in an entirely new vehicle as the mounted weapon was part of the vehicle's structure.

Main Gun: 125mm tank gun with 22 ready rounds

Coaxial Machine Gun: PKT 7.62mm MG

Commander's Machine Gun: Kort 12.7mm HMG

T-90UM MAIN BATTLE TANK

The T-90 started as a design study nearly twenty years before it began production. The model deployed for the EuroWars was largely updated and perfected during the Border Wars of the 2020s. This final configuration managed to incorporate early networked communications and sensor fusion. The navigation system received signals from satellites to help fix the unit's location on the battlefield while broadcasting that information to command elements. This allowed the Neo-Soviet military to manage supply chain and replacement functions while units were still engaged in combat, reducing the time required to reconstitute the unit and ensure breakthroughs were given priority for reinforcements.

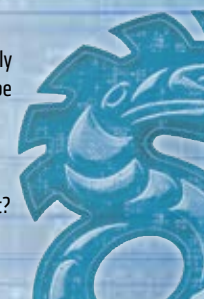
The T-90's gun and armor were designed to defeat the primary main battle tank of the Western world at the turn of the century, the M-1 Abrams. While the protection never equaled its rival, its weapon was just as destructive, albeit slightly shorter ranged. The largest benefit the T-90 had against any opponent was the prolific, prolonged construction of the tank, as the T-90's production run lasted nearly fifty years, with the last known models completed in 2045 to fulfill export requests of an unidentified purchaser. Renraku purchased the production line on 15 December 2037 as part of the Neo-Soviet's debt repayment plan. The corporation transferred the facility's machine tools shortly after the last tank was completed, but it still fulfills replacement part orders as necessary.

Std. Upgrades/Accessories: Obsolete, Smart Armor (Rating 1), Tracked Vehicle, Reinforced Weapon Mount (external, heavy turret, armored manual), Weapon Mount (external, heavy turret, armored manual), Reinforced Weapon mount (external, turret, manual)

T-90UM MAIN BATTLE TANK

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-4	5/10	65	0	20	14	2	26F	3,675,000¥

- The initial production of the T-90 was delayed after the fall of the Soviet Union. Even once Russia started it, they were only buying fifty to sixty a year until 2015, when they finally accepted that the T-80 was hopelessly obsolete.
- Red Anya
- A strange thing about the upgrades the T-90 underwent was that it was largely concentrated on their electronics rather than the protection or even weapon accuracy. A new guided munition would have done wonders for the design.
- Beaker
- The Russians had a number of tube-launched missile designs for this caliber weapon, but the ability to cheaply produce one was beyond their technology base. From the prices we see posted in the Reraku Military Catalogs, it still might be.
- Glitch
- One thing about the tank's protection was how its reactive armor eventually evolved into today's smart armor. Too bad there isn't much positive that can be said about the rolled steel armor underneath.
- Clockwork
- The salvage value for that much steel should be decent? That's something, right?
- /dev/grrl





T-18 MBT

T-18 MAIN BATTLE TANK

The T-18 was designed utilizing the latest breakthroughs in vectored thrust from the time when it was fielded. Its integration of flight computers, sloped composite armor, and modular armament design allowed the T-18 to briefly dominate the plains of Eastern Europe until tactics adapted to the new paradigm. The tank's success was an early indicator of the power LAVs would bring to the modern battlefield.

The T-18 features a sloped turret and other early signature-reduction techniques in an attempt to defeat then current fire-and-forget anti-tank missiles, reducing the number of effective counters an opponent possessed. While successful against Hellfires and other late twentieth century designs, the signature-reduction methodology created other predictable results that more recently developed software algorithms can recognize and exploit.

Std. Upgrades/Accessories: Obsolete, Signature Reduction (Rating 1), Reinforced Weapon Mount (external, heavy turret, armored manual) Weapon Mount (external, turret, armored manual), 2 Weapon Mounts (external, fixed, remote)

T-18 MAIN BATTLE TANK

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-3	10/20	250	1	25	20	3	30F	5,600,000¥

- I remember watching a documentary about this tank. Did you know it had a twenty-to-one kill ratio when it was first introduced? Pretty badass.
- Slamm-O!
- You do realize that the history feeds provided for primary education are heavily edited and in this case produced by Renraku after they gained licensed production rights? Actual primary source records are not nearly as generous in the kill tally column for either side.
- Glitch
- The modular weapon concept was brilliant for its time. It let us improve weapons whenever we managed to get them to the front, even if their default load out was barely better than the T-90's.
- Red Anya
- The Neo-Soviets still have at least a division's worth in a depot near Murmansk. I have no idea why they are keeping them, as they've bought enough modern designs to replace them.
- Snopes



BMP-5

STANDARD ARMAMENT BMP-5 IFV

- Main Gun:** 30mm autocannon with 500 ready rounds
- Missile Launcher:** AT-15 Springer with four reloads

BMP-5 IFV

The BMP-5 was designed as an affordable all-terrain complement for the T-90 series tanks just prior to the Border Wars. It featured a similar networking suite with simplified targeting sensors and controls to ease operator training. The vehicle was one of the first of its era to not have an internal chemical weapon protective system, as it was deemed too expensive and unlikely to be used by current combatants due to the political ramifications of such usage.

The BMP-5's service history is mixed, as its performance against the Germans was less successful than hoped, while its superiority over the vehicles utilized by the Alliance for Allah made it a preferred option on the southern front. The vehicle's relatively low cost ensured continued production during the war, but it has since been retired in favor of vectored-thrust designs.

Std. Upgrades/Accessories: Amphibious Operation (Level 1), Obsolete, Smart Armor (Rating 1), Tracked Vehicle, Reinforced Weapon Mount (external, heavy turret, armored manual), Weapon Mount (external, turret, remote)

BMP-5 IFV

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-3	5/15	70	1	19	12	2	24F	2,900,000¥

- I don't understand why it's a big deal if there isn't an EnviroSeal. There have only been a few documented uses of chemical weapons over the past thirty years, and everyone equips their troops with personal protective gear, right?
- /dev/grl
- When this vehicle was designed, all the first-rate powers and corporations prepared for the war that most "experts" thought would never happen, one where any weapon may be used. The idea that a nation would purchase a major weapon platform without maximizing its protection was close to heresy.
- Snopes
- According to the intelligence reports dating back to the fifties, there were a bunch of these still assigned to the mobilization divisions. Any idea what happened to them?
- Beaker
- A large percentage of them were sold to African dictators, with payment coming as favors or natural resources. Ares also bought a bunch for weapon testing. There is a trid of the Demonfire hitting one and throwing the turret five meters.
- Red Anya
- That was staged; Ares packed the vehicle full of gunpowder to make sure it was a nice explosion.
- Plan 9



BTR-20

BTR-20 APC

The BTR-20 was produced as a replacement for a series of wheeled vehicles utilized by a number of military organizations around the world. Originally developed by Renraku under an exclusive agreement with the Kremlin, the manufacturing plant was a reconditioned facility in Volgograd that was specifically denied extraterritorial status until 2050. This allowed the Soviet leadership control over production and exportation of the design. Ironically, this contractual agreement may have hurt sales when the government most needed the revenue the export duties would have provided.

The vehicle was originally fielded during the Border Wars as a part of its development cycle. User feedback improved many ergonomic and reliability problems, resulting in a vehicle that matched Western standards of reliability and cost-effective maintenance. The wheeled suspension allows the BTR-20 levels of operational and strategic mobility that tracked formations are unable to match while rarely impeding tactical mobility. While the design lacks a tactical network interface, many units opted to add these capabilities after the ar.

Std. Upgrades/Accessories: Amphibious Operation (Level 1), Life Support (Level 1), Network Incompatible, Run Flat Tires, Reinforced Weapon Mount (external, heavy turret, armored manual), Weapon Mount (external, turret, remote)

BTR-20 APC

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+0	10/20	100	0	15	10	2	23F	1,750,050¥

- It's a basic armored personnel carrier. Renraku sells a dozen upgraded models on the market today, including a fully network capable one. Why does this get an entry when so many others are left out?
- Cosmo
- This vehicle and a number of variants were the primary tactical transport for the Neo-Soviet army during the war, no matter what the trids show the vectored thrust designs doing. Besides, there are some of us who are happy knowing our opposition is using modified thirty-year-old designs rather than bleeding-edge options.
- Black Mamba
- The Neo-Soviets still maintain thousands of these in depots across the country, and it's still the primary vehicle for MVD tactical teams. It's probably part of their paranoid desire to have enough materiel on hand to fight another protracted war.
- Marcos
- Have you ever tried to climb through the doors on this thing? They are definitely not designed with dwarves in mind. I damn near needed a stool to climb in one at Fort Benning's museum.
- Clockwork



ZSU-30-4

ZSU-30-4 AIR DEFENSE SYSTEM

The ZSU-30-4 was developed to replace a number of mobile missile and gun platforms developed near the end of the twentieth century. While the combined platform proved adequate for the first half of the twenty-first century, modern drone attack patterns can overwhelm the system's ability to respond. While the initial product specification mandated a cooperative engagement capability, the data link system was easily compromised by dedicated electronic warfare systems, which resulted in most units operating as standalone systems.

The ZSU-30-4 features a four-barreled, water-cooled cannon and a missile system with integrated short-range radar control. The network system allows the unit to communicate with orbiting satellites; however Neo-Soviets systems had difficulty passing on more than general targeting information. The ZSU-30-4 was retired shortly after the Alliance of Allah advance stalled, to be replaced by drone-derived alternatives.

Std. Upgrades/Accessories: Obsolete, Satellite Communication, Tracked Vehicle, Reinforced Weapon Mount (external, heavy turret, armored manual), Reinforced Weapon Mount (external, turret, remote), ECCM 3

ZSU-30-4 AIR DEFENSE SYSTEM

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-2	5/15	70	0	15	12	3	28F	4,700,000¥

- I won't entirely believe that comment about its retirement. There are almost enough in storage to re-equip the current Russian army with them. I understand a little cultural paranoia, but that is excessive.
- Glitch
- I find it funny they never exported them or sold the rights to Renraku or another of their suppliers during the wars. According to the publicly available records, the primary factory was infected with the Worm shortly after the Invasion of Poland.
- Mr. Bonds
- According to a couple of non-public documents, the managers were concerned about the ECCM program in the firmware. It's out-of-date now, but it would have been acceptable through the early 2050s.
- Slamm-O!
- The water-cooling system is pretty complex, but it takes less on vehicle generating-capacity than a Gatling weapon. It's an important issue when you have this much early electronics on such a small chassis.
- Black Mamba



MI-28 HAVOC

MI-28 HAVOC

Main Gun: 30mm autocannon with 300 rounds
4 hard points for missiles and rockets

MI-28 HAVOC

The Havoc underwent a prolonged development process that yielded an effective combatant, although at a price the Russians were barely willing to afford. The Havoc was intended to function largely in an anti-tank role against Western European forces. The design was modified to fill a more general-purpose role as procurement needs changed and petroleum revenue whipsawed drastically during the early twenty-first century. The Mi-28 officially ceased production 15 December 2029, with the aircraft *Worker's Gift* turned over to the Soviet army on the second of that month.

The Havoc performed adequately during the Border Wars, but it was found to be too expensive to produce in the numbers the Russians desired. The helicopter was increasingly replaced in frontline aviation units by the Ka-60 Hellion. The last remaining operational units were in the 2nd Combined Arms Army. The only remaining models are in museums or scrapyards.

Std. Upgrades/Accessories: Amenities (Squatter), Improved Takeoff and Landing (Level 2), Obsolete, Life Support (Level 1), Reinforced Weapon Mount (internal, flexible, remote), Ammo Bin, 2 Reinforced Weapon Mounts (external, fixed, remote), 2 Weapon Mounts (external, fixed, remote)

MI-28 HAVOC (ATTACK HELICOPTER)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+0	10/30	320	1	15	10	3	20F	5,250,000¥

- There are several of these outside of old Soviet airbases as "gate guards." I'm surprised no intrepid entrepreneurs have removed them for recycling on the black market. It's not like the actual guards are expensive to bribe.
- Red Anya
- There are a number of them on an old airfield outside of Frolovo that are much easier to get to. They've been stripped for parts and abandoned in rows behind the hangars. The airframes might still be viable, but good bits like the engines and avionics are gone.
- Am-Mut
- The Havocs were largely used up before the war started. The Russians had already decided to replace it well before the war, but the politics of the Politburo ensured it stayed in use a decade too long.
- Baka Dabora
- It might not be the best choice, but an attack helicopter with a built-in compartment could have a lot of uses in the wilder places of the world. It can do anything from spec ops insertions to hot extractions with self-deploying fire support.
- Hard Exit
- I suggest actual cargo. The Havoc can carry three people in the passenger compartment, or an equivalent weight in high-value items.
- Marcos



KA-50 HOKUM

KA-50 HOKUM

The Ka-50 was selected as the primary attack helicopter of the Russian Federation early in the twenty-first century after an extensive development and prototype testing cycle. The counter-rotating main rotors offered unique capabilities in speed, ceiling, and maneuverability. The Ka-50 production increased to fill aviation regiments absorbed from Belarus and replace Border War losses. The design underwent a number of changes to reflect the integration of networks into warfare. The Hokum became capable of point-strike missions as well as an interdiction-capable asset by the time Russian forces crossed the Polish border.

The Ka-50 is no longer in active inventory with the Russians, although some are known to be flown by independent contractors. The remaining Russian models have been placed in storage or sold to responsible parties as a foreign exchange-generating opportunity by the government. The proposed sale of twenty Hokums to Poland has been reversed, and the refurbished airframes are receiving extensive preservation treatment before returning to storage.

Std. Upgrades/Accessories: Ejection Seats, Improved Takeoff and Landing 2, Life Support (Level 1), Lock-On Countermeasures, Obsolescent, 4 Weapon Mounts (external, fixed, remote), Reinforced Weapon Mount (internal, flexible, remote)

KA-50 HOKUM (ATTACK HELICOPTER)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+2	15/30	315	1	13	8	3	21F	4,100,000¥

- The independent contractors flying the Hokum seem to have a strange relationship with the Spetsnaz. Members leave the service to join the contractor and return after a year or two.
- Snopes
- I guess that explains how a couple of units have suddenly become competent since MET 2000 is no longer subsidizing them. They are using them as a means of gaining combat experience before returning to the unit and training the others on the latest tricks.
- Picador
- It also gives the government a deniable asset in the mercenary market. The unit can go rogue or just accept offers with the national effort as the first motivation rather than money. The trick is to make it untraceable.
- Black Mamba
- Not the type of life I would choose. If I'm going to get shot at, I want to make the most money possible.
- Slamm-O!



KA-60 HELLION

KA-60 HELLION

The replacement for earlier designs, the Hellion was intended to be produced in a cost-effective manner so maneuvering forces could maintain their momentum with constant replacements. The helicopter is derived from the earlier Ka-50, utilizing a simplified cockpit layout and less sophisticated avionics. The lack of labor-saving aids expanded the helicopter's crew to two pilots, one of which functioned as the primary gunner.

The helicopter performed adequately during the war and a new retrofit, the Ka-63, remains assigned to reserve units. The Hellion is considered to marry several of the best features of earlier designs, with an eye towards competing in drone-inhabited airspace.

Std. Upgrades/Accessories: Ammo Bin, Ejection Seats, Improved Takeoff and Landing 2, Lock-On Countermeasures, Obsolete, 2 Weapon Mounts (external, fixed, remote), Reinforced Weapon Mount (internal, flexible, remote)

- Not everything the Russians are flying has been retrofitted with current-generation electronics. The firm they hired to do it cut some corners and then declared bankruptcy. The military is still trying to figure out how to fix the last batch.
- Red Anya
- The ones that received the full update are pretty sweet. They dropped the second crewman in favor of a full rigger suite and an enhanced rigger cocoon. They also added an ECM system to help keep the drones away.
- Clockwork
- I'm more concerned with the three that some merc unit is using near me. They've updated the weapon's computer to use Demonfires, and I'm nearly out of decoys.
- Hard Exit

KA-60 HELLION (ATTACK HELICOPTER)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+3	20/30	310	1	15	8	2	24F	3,250,000¥



SU-27 FLANKER

SU-27 FLANKER

The Su-27 is an old aircraft that last saw active service during the EuroWar. The last known airworthy airframe was destroyed over Frankfurt while attacking air-defense sites. The Russians issued their remaining Flankers to reserve pilots to perform support missions. When equipped with stand-off weapons and long-range air-to-air missiles they were able to effectively contribute to the overwhelming force applied to Poland but were unable to cope with more sophisticated opponents in later campaigns.

The design was also used in limited numbers by the jihadists as their air-superiority fighter. The more advanced European and Soviet aircraft easily swept them from the skies, leaving some sections to rely on multi-role assets to cover the gap.

Std. Upgrades/Accessories: Ejection Seats, Life Support (Level 1), Lock-On Countermeasures, Obsolete, Reinforced Weapon Mount (internal, fixed, remote), 2 Reinforced Weapon Mounts (external, fixed, remote), 6 Weapon Mounts (external, fixed, remote)

SU-27 FLANKER (TACTICAL AIRCRAFT)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+0	50/200	2,500	1	15	2	3	22F	6,000,000¥

- I've seen the one used as a gate guard in Malaysia. It's being wrecked by the moisture and heat.
- Mika
- The Russians still have a couple as museum pieces that were retired before the war started. There weren't enough spare parts to get them flying again. They do look pretty, with their dual-tone blue camouflage scheme.
- Red Anya
- There's even one at the Imperial War museum in the UK. They bought it from Vietnam when that country sold out to Renraku.
- Traveler Jones



SU-35 FLANKER-E

SU-35 FLANKER-E

The Su-35 is an advanced derivative of the earlier Su-27 that surpassed its parent in most respects. The Su-25 had largely been relegated to second-line squadrons serving in the Far East and Southern commands when the invasion of Poland started. After attrition began to overwhelm the frontline units, Su-35s were transferred to the German front supplementing the remaining Su-41 and Su-45 regiments. While its performance did not match the later designs, production resumed as the Crash had damaged a number of the automated plants required to build the advanced designs. These newly built obsolescent designs were the primary aircraft flown to resist the Jihad as it poured through Georgia.

The aircraft was sold to a number of nations across the globe, both before and after the wars, as the Russians wanted to unload the older airframes to pay off their debt and finance the retooling of the Su-45 plants, so the more advanced fighter could resume production.

Std. Upgrades/Accessories: ECCM 1, Ejection Seats, Life Support (Level 1), Lock-On Countermeasures, Obsolete, Reinforced Weapon Mount (internal, fixed, remote), 2 Reinforced Weapon Mounts (external, fixed, remote), 6 Weapon Mounts (external, fixed, remote)

SU-35 FLANKER-E (TACTICAL AIRCRAFT)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+1	60/240	2350	2	16	2	4	24F	6,800,000¥

- I think there are some of these still in storage near Vladistock. The Russians put a bunch of them in underground hangars soon after the war, and I haven't heard of anyone pulling them out.
- Red Anya
- They're all gone now. Yamametsu used them as target drones about ten years ago. From the records I've found, it appears they paid the same as what they would have for scrap metal.
- Snopes

DROP TANKS

Drop tanks are a way for aircraft to extend their range without having to land. They are carried on fixed external weapon mounts and the mount, or hard point, cannot be used to carry any other weapons at the same time. The aircraft suffers a -2 Handling penalty when so equipped. The drop tanks can be released, like any other weapon, but will not have a discernible game effect. They must be mounted in pairs and together serve as an additional fuel tank (p. 131, *Arsenal*).

THRESHOLD	TOOLS	COST	AVAILABILITY
6	KIT	1,000	4



SU-45 FANTASY

SU-45 FANTASY

The final version of the Russians' PAK-FA program, the Su-45 was a premier fifth-generation aircraft. The Su-45 was used to rapidly gain air superiority over Poland and to perform strategic strikes against priority targets behind the Poles' defensive lines. The aircraft later dueled against the Typhoon and other advanced aircraft over Germany until the front stabilized after the Nightwraith attack. Unfortunately for Soviet Frontal Aviation, the Crash permanently damaged the machine tools and manufacturing control software, rendering the limited inventory irreplaceable until well after the war ended.

The fighter is still flown today, primarily as conversion trainer, although the less expensive Su-41 is more commonly used in that role. They are maintained as reserve aircraft in regiments that have moved on to seventh- and eighth-generation platforms. While the government claims they have removed the aircraft's ability to carry strategic weapons, they have rebuffed international inspectors.

Std. Upgrades/Accessories: ECM 2, ECCM 1, Ejection Seats, Life Support (Level 1), Lock-On Countermeasures, Obsolescent, Reduced Signature (Rating 3), Unstable Structural Agility, 2 Weapon Mounts (internal, fixed, remote), Reinforced Weapon Mount (internal, fixed, remote), 6 Weapon Mounts (external, fixed, remote)

SU-45 FANTASY (TACTICAL AIRCRAFT)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+2	80/320	2,200	2	18	4	4	25F	9,250,150¥

- I don't know why they insist on tweaking the United Nations' noses about the strategic-weapons capability. There's no way anyone would let an antique like this carry out a mission that important. Drones are far better at it, and it doesn't matter if they don't come back.
- Clockwork
- Never reveal more than you have to; it keeps your enemies guessing. It's the Russian way, we understand these things.
- Red Anya
- The firewall is easy to get by; I managed to download the entire mission history of one airframe from permanent storage while walking around a monument to The Great Patriotic War, whatever that was.
- Slamm-O!
- The sad state of today's youth. Try using Browse.
- Bull



AUTOMATIC GRENADE LAUNCHER

AGS-35

The AGS-35 is a belt fed, full-automatic, crew-served support weapon. It is frequently used on vehicle pintle mounts as a secondary weapon. The ability of the weapon to feed a number of different munitions allows it greater versatility than those normally used on military vehicles. The weapon is capable of a cyclic rate of fire of 450 rounds per minute, but doctrine calls for an operator to use short bursts, limiting the weapon to roughly 120 to 150 mounds per minute.

The AGS-35 was used by all branches of the Russian military during the Euro Wars, and due to its prodigious export was also used against them by Jihadist forces. The weapon is no longer in front line use with the Russian military, but has been adopted by the Department of the Interior (MVD) as a crowd suppression weapon using tear gas filled grenades.

Std. upgrades/Accessories: Vintage, Tripod

AGS-35 (GRENADE LAUNCHER)

DAMAGE	AP	MODE	RC	AMMO	AVAIL	COST
AS GRENADE	AS GRENADE	SA/BF	—	30 (C) OR BELT	10F	9,000¥

- I've seen this on lots of trids. It's always a bad-guy weapon mounted on top of an MPUV. Do you think Ares Global Entertainment does that for a reason?
- Pistons
- Those trids also show the heroes carrying Predators and Alphas. It's a not-too-subtle way to build the impression in North American youth that the good guys use Ares. It also helps Knight Errant recruiting.
- Dr. Spin
- It was a rhetorical question. Even I could figure that much out.
- Slamm-O!
- You'll still find it in use with a number of warlords on the African continent. The ammunition is cheap and easy to get compared to more advanced gear. It can even be locally manufactured if you have the right tools to build the fuses.
- Black Mamba



AN-94

AN-94

This rifle was originally intended to replace the earlier AK-74 series of rifles, but production never reached required levels. In the Politburo's desire to hasten rearmament, the AK-97 was introduced as a cheaper alternative. The rifle was still desired for its improved accuracy and resistance to the colder region's environmental challenges.

The weapon was assigned to units in the 121st and 122nd Motorized Rifle Divisions until they were removed from the line to absorb replacement personnel and equipment. The weapon was also common with interior troops, as AK-97 and 98 production runs were prioritized toward Army units.

Std. Upgrades/Accessories: Bayonet Mount, Extreme Environment Protection (Level 1, arctic), Incompatible

AN-94 (ASSAULT RIFLE)

DAMAGE	AP	MODE	RC	AMMO	AVAIL	COST
6P	-1	SA	1	30 (C)	6R	850¥

- The rifle is capable of a two-shot burst, which although capable of nice accuracy is worthless for suppressive purposes.
- Picador
- I just don't understand why they went to the trouble of producing an expensive option like this when they had the AK-series to work with. The economics don't work for a mass produced war.
- Mr. Bonds
- It was a sign of the times. The Russians started to go down the path of a smaller, better-trained military after the Soviet Union collapsed. They reversed course as VITAS and the Awakening changed the political landscape.
- Bull

R-73

The R-73 was designed as an infrared-guided air-to-air missile with advanced dogfight and off-boresight capabilities. Produced through a series of different models, the R-73's range and sensors were improved to take advantage of its exceptional maneuverability. The weapon was produced throughout the war, after the plant was damaged, the plans were provided to a corporate entity in return for a stockpile of the weapons.

R-73 (AA-11 ARCHER)*

DAMAGE	AP	MODE	RC	AMMO	AVAIL	COST
15P**	-2/-7	-3/M	2	23F	9,000¥	850¥

* Use the Missile Launcher range table, but extend the Extreme Range band to 20,000 meters

** Against ground targets the missile is far less effective; reduce its DV to 10P

*** vs. people/ vs. vehicles

- Corporate entity—why doesn't he just say Renraku? They supplied the Russian military through most of the war.
- Picador
- Because there is evidence the Red Army handed the plans to two different corporations for stockpile payments at different times. Renraku was one, but it appears Shiawase provided the plans to a knockoff plant near Beijing.
- Mr. Binds
- It must have been a surprise to Russia when Shiawase sold missiles to the Jihadists too. I guess it proves nothing gets in the way of profit.
- Black Mamba

R-77

The R-77 is a long-range missile with active radar-terminal guidance. It was proven effective against a wide array of aerial targets, including aircraft, drones, and other missiles. The missile underwent three major modifications and several minor upgrade programs during its operational lifetime. It was often compared to its closest Western counterpart, the AMRAAM, as the missiles had similar performance at different times during their carriers.

R-77 (AA-12 ADDER)*

DAMAGE	AP	MODE	RC	AMMO	AVAIL	COST
16P**	-2/-6***	-4/M	2	24F	9,700¥	850¥

* Use the Missile Launcher range table, but extend the Extreme Range band to 30,000 meters

** Against ground targets the missile is far less effective; reduce its DV to 10P

*** vs. people/vs. vehicles

- Evo just bought one hundred of these from the Russian government. I wonder why they want that many obsolete missiles.
- Snopes
- The Air Force needs to show they are re-arming with modern designs, but their budget is too low to get the latest toys without selling the old ones. Expect those old missiles to show up at a hot spot near you.
- Mr. Bonds
- Why is the economics guy commenting so much on weapons deals lately?
- Slamm-O!
- War and profit go hand in hand, especially if you're not being shot at. And as a further point of education, politics usually play a part, too.
- Kay St. Irregular

KORNET

This laser-guided missile was a high-cost development project for the Russians, intended to supplement their existing designs. As the Border Wars expended existing stockpiles, the Kornet (or 9M133) was reintroduced as the now cost-effective replacement. The weapon was designed for use from infantry fighting vehicles and infantry teams. The missile underwent a number of upgrades, primarily to its warhead and guidance systems before being replaced in Russian inventory after the conclusion of the Euro Wars.

Std. Upgrades/Accessories: Designator Dependent

KORNET (AT-14 SPRIGGAN)*

DAMAGE	AP	MODE	RC	AMMO	AVAIL	COST
14P	-6	-4/M	0	19F	6,500¥	850¥

*The Kornet uses the Ballista range table

- The missile uses an interesting version of laser guidance. It is a beam rider rather than a semi-active system. Apparently they found it cheaper to produce.
- Beaker
- They eventually made a version with a thermobaric warhead instead of the anti-tank one. It was intended for urban combat and actions against entrenched opponents. The rebels in the Yucatan used a few early on.
- Picador
- I managed to get a few knockoffs for one of my projects; they seemed to work okay until I mounted one on a flying drone. These are strictly meant for ground use. Next time I read the label.
- Kane

KHRIZANTEMA

The Khrizantema, or the 9M123, was originally developed to equip specially designed tank destroyers before undergoing a redesign to allow other launch platforms to utilize the missile. The weapon is supersonic throughout its flight, minimizing the ability of targets to react or attempt manual counters. The weapon was extensively used during the Polish campaign, as the Polish armor was ill equipped to defeat the warhead's penetrating capabilities. The missile was withdrawn from service after modern defense systems were proven to easily counter it.

KHRIZANTEMA (AT-15 SPRINGER)*

DAMAGE	AP	MODE	RC	AMMO	AVAIL	COST
16P	-7	-4/M	1	20F	8,000¥	850¥

*Use the Missile Launcher range table, but extend Extreme range to 4,500 meters.

- Now this one I managed to launch off a Banshee with no troubles. I wish I could say the same for my target. Seriously—it was a shipment of authentic Jamaican rum.
- Kane
- I knew a unit that managed to get a stockpile of these about a decade ago. They found out the hard way that most of the rocket motors were past their "use by" date. MET2000 ran over them and barely noticed.
- Picador
- The Israelis spent a lot of nuyen developing launch recognition software for their sensor systems because of the threat this posed to their citizens. After Ares purchased the tech, they mass-produced it to the point you can't even tell who wrote the original code.
- Glitch
- Who cares? Old rocket, nothing to see here. Moving along.
- /dev/grrl

This missile was once the primary ground-attack weapon of the Russian Air Force and Army. The weapon was designed for use from multiple launch systems. Its warhead was primarily optimized for armor penetration, but thermobaric and fragmentation options were developed as the need for multipurpose armaments grew. The weapon was carried by aircraft, attack helicopter, and drones. The system was replaced shortly after General Secretary Korolenko's rise to power by a newer missile manufactured in the former General Secretary's home district.

Std. Upgrades/Accessories: Obsolescent

VIKHR (AT-16 SCALLION)*

DAMAGE	AP	BLAST	SENSOR	AVAIL	COST
20P	-7	-4/M	2	20F	8,400¥
THERMOBARIC					
18P	-6/-2**	-3/M	2	22F	8,900¥
FRAGMENTATION					
16P	-2	-2/M	2	19F	8,000¥

*Use the Missile Launcher range table, but extend Extreme range to 6,000 meters
 ** vs. people/vs. vehicles

REFLEXS (AT-16 SNIPER)

A third generation gun-launched missile, the Reflexs is designed to increase the effective tank-killing range of smoothbore cannon. It also provides an option against hovering helicopters. The missile has a tandem-charge warhead allowing it some success against reactive armor protection.

The Russians used the missile extensively during the invasion of Poland and depleted their existing stockpiles shortly after launching their attack against Germany. As the Crash was still affecting their manufacturing base, the Politburo arranged a production contract with one of the megacorporations and another with a facility in Manchuria that was already producing the weapon for local use. Between these two supply sources the Russians managed to maintain a small supply with their frontline units. The weapon was declared obsolete in 2036 and expended in training exercises.

Std. Upgrades/Accessories: Designator Dependent, Obsolete

REFLEXS (AT-16 SNIPER)

DAMAGE	AP	BLAST	SENSOR	AVAIL	COST
20P	-6	-5/M	0	19F	2,400¥

- You can still find them in storage if you look hard enough. The MVD liked the thermobaric option to take care of trouble around Warsaw. The warhead was well suited to urban operations.
- Aufheben
- I don't think there is an active production line, but there have been a few of these hanging from attack helicopters around here recently, and they looked pretty new.
- Hard Exit
- I like the quad-rack option. I managed to outfit one in a concealed pop-up mount for a client awhile back. It worked wonders until someone convinced a proximity fuse on an unlaunched missile to detonate.
- Clockwork

MULTIPLE EJECTION RACKS

Modern militaries prefer to mount multiple weapons on each aircraft's hardpoint when weight and other mission parameters allow. These racks are normally mounted on the aircraft's wings, although some designs have allowed for fuselage-mounted racks. These systems must carry the same weapon on each of the rack's rails. These must be mounted on External Weapon Mounts as internal bays are normally designed with tight parameters and intended payloads already in mind. Additionally, the gamemaster can disallow any load out that they feel to be excessive or likely to be too heavy for the aircraft to lift.

	THRESH	TOOLS	COST	AVAIL	SKILL
Twin Rack	4	Shop	250¥	6R	Armorer
Triple Rack	4	Shop	500¥	6R	Armorer
Quad Rack	6	Shop	750¥	8R	Armorer
Sextuple Rack*	6	Shop	1,500¥	8F	Armorer

*Gravity Weapons only; requires Reinforced Weapon Mount

- Declared obsolete and then expended during training. I wonder if the Russians found the tracking chips Renraku slipped into their production runs.
- Snopes
- They did, and it didn't help that the missile had become obsolete. They were so slow smart armor would stop the tandem warhead over 75 percent of the time.
- Glitch
- There is also the fact a guided missile costs at least one hundred times more than an unguided round, and crews need to train regularly with them to stay proficient. The training cost was something the rebuilding country would have a hard time accepting.
- Mr. Bonds



GERMAN ARMED FORCES

>PRIORITY MESSAGE<

- I'm surprised the German armored forces were so small at the beginning of the war. They historically pioneered the revolution in modern mechanized combat.
- Snopes
- That might have been true in the last century, but by the time the Second World War ended, they were no longer the masters of it. Besides after the Soviet Union collapsed the first time, the rest of Europe cashed in their "peace dividend." It just helped make nations more irrelevant compared to the megacorps.
- Glitch
- The reduction in military strength was part of the Neo-Soviet's plan. The ability to rapidly raise mercenary units threw off their equation.
- Mr. Bonds





RUHRMETALL KMA7-C LEOPARD

KMA7-C LEOPARD

The Leopard was developed into one of the longest-lived weapon platforms developed by Ruhrmetall. The tank features modular weapon mounts and a steady firing platform. The tank was originally used by MET2000 in the defense of Berlin and has remained in production as the perceived need for heavy forces remains a constant worry for various European nations.

The last of the Leopard line, the KMAC-7 was one of the first combat vehicles developed for onboard rigger control and provided with fully modern communications and tactical network capability.

Std. Upgrades/Accessories: Obsolescent, Tracked Vehicle, Reinforced Weapon Mount (external, heavy turret, armored manned or remote), Weapon Mount (external, turret, remote), Life Support (Level 1), Smoke Projector, Small Drone Rack, Rigger Adaptation, Signature Masking (Rating 2)

- Amazonia just bought a shipment of these from the Norwegians for some reason. I have no idea why as tanks have no use in a jungle.
- Snopes
- Stuff this old is regularly used as payment to mercenaries or as payment for other things in a complex trade arrangement. I'm surprised Norway got involved in this kind of deal though.
- Picador
- Norway sold the tanks to a third party from their reserve depot. Apparently was supposed to be an underhanded way to get the government enough funds to make this year's retirement payments after the latest embezzling scandal.
- Glitch

KMA7-C LEOPARD (HEAVY TANK)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-3	5/15	90	2	30	20	3	26F	6,750,000¥



LEOPARD 2A8 TANK

STANDARD ARMAMENT LEOPARD 2A8

Unlike many of today's modern designs, earlier armored vehicles utilized a fixed armament package that could only be changed with a factory rebuild.

Main Gun: 120mm tank gun with 42 rounds

Coaxial Machine Gun: MG3A1 7.62mm MG

Commander's Machine Gun: MG3A1 7.62mm MG

LEOPARD 2A8

The Leopard 2A8 was the last modification of the venerable Leopard II. The tank's ability to rapidly traverse rough cross country and the low cost of operation ensured that several remained in Germany's Reserve forces. The Leopard offered valuable service during the encirclement of Berlin, defending the Elbe until overwhelmed by the Russian onslaught.

The Leopard II was originally designed to combine mobility and firepower. The tank was upgraded until the early 2020s when it was replaced in front line service by the Leopard 3 series of vehicles. The vehicle was relegated to the reserves and large numbers were sold to other nations as a means for German industry to remain relevant in the international arms trade before the megacorporations purchased the manufacturers.

Std. Upgrades/Accessories: Network Incompatible, Reinforced Weapon Mount (external, heavy turret, armored manual), Weapon Mount (internal, heavy turret, armored manual), Weapon Mount (external, turret, manual), Smoke Projector, Life Support (Level 1)

LEOPARD 2A8 (MAIN BATTLE TANK)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-3	5/20	70	0	20	13	2	28F	3,850,000¥

- The granddaddy of modern German armor design. Most of the upgrades featured better protection or electronics. I'm not surprised some of them soldiered on until the 2040s
- Beaker
- There are two outside of S-K's headquarters in Bonn as gate guards. They painted them in company colors with plaques of company employees who died during the war against Russia, although most of them were not because of the fighting.
- Aufheben
- The large crew of the tank is the primary reason they were removed from service. There's no reason any modern vehicle needs four crewmen to operate.
- Clockwork



LEOPARD 3A1

STANDARD ARMAMENT LEOPARD 3A1

Unlike many of today's modern designs, earlier armored vehicles utilized a fixed-armament package that could only be changed with a factory rebuild.

Main Gun: 120mm tank gun with 42 rounds

Coaxial Machine Gun: MG3A1 7.62mm MG

LEOPARD 3A1

The Leopard 3 was the replacement for earlier models intended to reduce manning levels and provide export opportunities to other nations suffering from population declines after the VITAS outbreak. The tank's automated turret places the crew on a rotating structure within the hull, limiting their exposure to hostile fire. The ammunition-handling system is completely automated, both within the tank during combat and during reload procedures behind the lines, as the ammunition can be swapped with preloaded magazines, speeding the entire procedure.

The Leopard 3 was replaced by the more advanced heavy tank version, which expanded the crew-reducing features with the integration of a rigger suite in the vehicle. The tank largely served as a battle-tested prototype for following designs, as its enhanced battlefield network allowed command elements to develop the techniques necessary to handle modern battle stresses and the automation was perfected to make rigger-controlled vehicles a possibility.

Std. Upgrades/Accessories: Life Support (Level 1), Obsolete, Tracked Vehicle, Reinforced Weapon Mount (external, heavy turret, remote), Weapon Mount (internal, heavy turret, remote)

LEOPARD 3A1 (MAIN BATTLE TANK)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-4	5/15	80	1	25	18	2	30F	5,000,000¥

- It carries fewer guns than the earlier tank, and the bottom looks like it's the same. What's so special about this tank?
- /dev/grll
- In this case, it's not so much about the look or even the weapon load out. The 3A1 could fight with two or three crewmen as opposed to other Western designs that tended to need four. It started the German armament companies down the path toward a one person, one tank design.
- Clockwork
- The hull was largely a improved version of the earlier Leopard 2. Just about every improvement was internal, either the electronics or automation. The good news is you can at least hack one of these. Try that with the earlier stuff.
- Turbo Bunny



PUMA APC

STANDARD ARMAMENT PUMA

Main Gun: 30mm autocannon with 200 ready rounds
Coaxial Machine Gun: MG4 5.56mm MG

PUMA

The Puma was the German's first networked combat vehicle, developed to interact with the Future Grenadier infantry system. The Puma served as a base camp and battery charging/replacement hub. The soldiers were capable of viewing the battlefield through primitive weapon attachments and sending those images to leaders or intelligence analysts for later evaluation.

The Puma's light tracked chassis was capable of all-terrain operation, but the compromises made to ensure this mobility reduced protection. This lack of survivability is the primary reason the vehicle was decommissioned after the wars concluded. While the infantry appreciated the mobility and firepower, the near-constant need for replacement turrets overly strained the logistics system.

Std. Upgrades/Accessories: Lock-on Countermeasures, Obsolete, Smoke Projector, Tracked Vehicle, Reinforced Weapon Mount (external, turret, armored manual), Weapon Mount (internal, turret, armored manual)

PUMA (INFANTRY FIGHTING VEHICLE)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-1	10/30	120	1	14	11	3	22R	850,000¥

- It might have had a longer career if the politicians had allowed the purchase of the add-on armor kits it was designed to use. Nothing stops incoming rounds like an additional nine tons of armor.
- Clockwork
- Considering the fiscal politics of the time along with the breakup of Germany, it's surprising they stayed in production as long as they did. The early orders were only for a few hundred, but over a thousand were produced by the time the Crash shut down production.
- Mr. Bonds
- The Puma was intended to carry an anti-armor missile kit as well, but very few were purchased by the nation states that used them, and the mercenaries that inherited them bought corporate-sponsored gear rather than upgrades.
- Picador
- It's amazing how many turret shots the Puma took during the war. I guess their crews were good at taking hull-down positions.
- Black Mamba



MARDER IV APC

STANDARD ARMAMENT MARDER IV

Main Gun: 30mm autocannon with 400 ready rounds
Coaxial Machine Gun: MG3A1 7.62mm MG

MARDER IV

The Marder IV was designed and began production in under eight months in response to the invasion of Poland. The Ruhrmetall factories started production tooling while the prototype was undergoing trials at Munster in a rare display of corporate confidence. The intent of the designers was to develop a vehicle that could survive on the modern battlefield but be relatively inexpensive to produce. One of the vehicle's greatest strengths was its availability and the ability to continue production in a Crash-crippled industry.

The Marder IV is a heavy infantry fighting vehicle, offering more physical protection than the earlier Puma but lacking electronic sophistication. Based on the earlier Marder I, a vehicle retired earlier in the century, the Marder IV carried adequate firepower and provided sufficient mobility for the infantry to stay with the Leopard-based armor formations. It was rapidly moved to reserves after major combat operations ceased.

Std. Upgrades/Accessories: Network Incompatible, Smoke Projector, Tracked Vehicle, Reinforced Weapon Mount (external, turret, remote), Ammo Bin, Weapon Mount (external, turret, remote)

- With the exception of the remote turret, this would have been at home trekking across Europe a century before the war, attrition warfare procurement policy at its best.
- Picador
- Actually the communications suite was decent; it was only capable of voice traffic, though. The turret was pretty high-tech as well, it just wasn't linked into anything but the local fire controls and the batteries.
- Clockwork
- I found a number of contracts S-K issued to scrap the Marders starting in the 2040s. Did they get them all?
- Snopes
- There were a number sold to the Caliphate when S-K was running the oil wells there. The originating information was missing from the file. Those vehicles were sold as scrap in the mid-2050s.
- Glitch

MARDER IV (INFANTRY FIGHTING VEHICLE)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-3	10/20	100	0	18	12	2	24F	1,500,000¥



MANTISS II AIR DEFENSE TURRET

STANDARD ARMAMENT MANTISS II

Main Gun: 35mm Auto cannon with 1,000 ready rounds

MANTISS II

The MANTISS was a mobile development of the emplaced Sky Sentinel defense system. Originally designed to counter the proliferation of combat drones and attack helicopters, the vehicle proved more expensive than the threat it was intended to counter. The system was mounted on the Puma chassis, with the weight reduced through changes in armor distribution to ensure the air-defense variant was capable of the mobility required for combined-arms operation.

The Mobile Sky Sentinel system fired proximity-fused rounds from an advanced revolver cannon. This allowed the system to maintain a high rate of fire, although barrel life became a concern after the first units saw prolonged combat. The system was eventually retired from active service after studies proved aerial drones and secondary missile systems were a better defense than a dedicated system.

Std. Upgrade/Accessories: ECCM 1, Obsolete, Tracked Vehicle, Reinforced Weapon Mount (external, turret, remote), 2 Ammo Bins

MANTISS II (AIR DEFENSE SYSTEM)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-1	10/20	100	1	14	10	4	26F	2,400,000¥

- The mobile system had a lot of compromises in implementation. The original, fixed-site version was able to shoot down incoming artillery and mortar rounds, at least until the latest designs added a level of thrust vectoring to throw off these types of defenses.
- Beaker
- The basic problem with these types of systems, both fixed and mobile, is cost. A mortar tube can be made in a machine shop, and the rounds are roughly one hundred nuyen apiece. The special proximity-fused rounds are nearly twenty nuyen, and they need to be fired in ten to twenty rounds bursts to stop one incoming round. It quickly becomes more expensive to use these active defenses than more offensive weapon systems.
- Mr. Bonds
- Somebody made a point of buying any of these that were leftover. It almost seems like they wanted the technology to fade away.
- Plan 9



EUROFIGHTER TYPHOON TRANCHE II

EUROFIGHTER TRANCHE 2

The Eurofighter was one of the most heavily used aircraft during the EuroWars. The early version was sold to a number of interested parties, including nations that later formed the Alliance for Allah. The airframe underwent changes to speed production and reduce cost as the war continued. A number of the changes were also instituted due to the loss of factories, either because of Crash-related infrastructure destruction or enemy activity.

The early Typhoon was visually very different from its later descendant. It had delta wings and canards along with vectored-thrust nozzles to improve maneuverability. The armament also changed as modern air forces preferred their aircraft to be capable of reaching a target and returning over the payload they could carry. This desire provoked other changes in the aircraft, making it nearly unrecognizable as the forefather of today's EFA.

Std. Upgrades/Accessories: ECM 1, Obsolete, Reinforced Weapon Mount (internal, fixed, remote), 3 Reinforced Weapon Mounts (external, fixed, remote), 6 Weapon Mounts (external, fixed, remote)

EUROFIGHTER TRANCHE 2 (TACTICAL AIRCRAFT)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+2	50/250	1,800	2	18	2	4	25F	8,950,000¥

- I'm not sure why they started building the Tranche 6 the way they did. This thing can carry way more stuff and isn't that far behind the later jet.
- Slamm-O!

- It's not always about how much stuff you can carry. This version can carry lots of bombs, but it is slower and less maneuverable when it does, while the last version could almost maintain full performance while carrying munitions.
- Picador
- There are also the differences in electronics. The Tranche 6 can almost compete with sixth- and seventh-generation designs, while this is firmly in the fourth generation and would only be a target today. The generation thing isn't just marketing hype.
- Beaker

FERRY TANKS

Ferry tanks are a way for aircraft to greatly extend their range without requiring a landing or the use of tanker support. They are carried on reinforced, fixed, external weapon mounts and the mount, or hard point, cannot be used to carry any other weapons at the same time. The aircraft suffers a -4 Handling penalty when so equipped. The ferry tanks cannot be dropped but must be removed while the aircraft is landed. They must be mounted in pairs and together serve as two additional fuel tanks (p. 131, *Arsenal*).

THRESHOLD	TOOLS	COST	AVAILABILITY
6	SHOP	2,200¥	4



NH90

NH90

The NH90 was accepted into service in 2015 as a platform with multiple roles. The German versions were primarily purchased for troop transport and anti-submarine duties, with different configurations for each role. The helicopter underwent a number of retrofits to correct unforeseen deficiencies that arose after it entered international service. The unit had its strengths and was capable of transporting twelve fully equipped soldiers with a self-defense suite installed.

The helicopter was used by nearly every European country involved in the war, with varying results, largely based on the amount of funds dedicated to keeping the platform relevant. The troop transport version re-entered production after Aztechnology purchased a number of European aircraft manufacturers, and they ramped up to meet the demand for mobile assets that could slow the advance of Jihadist forces.

Std. Upgrades/Accessories: Amenities (Squatter), Lock-on Countermeasures, Obsolete, 2 Weapon Mounts (external, flexible, manned)

NH90 (UTILITY HELICOPTER)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+1	10/30	200	1	16	6	2	14	355,000¥

- This is one nice-looking helicopter. There is a charter service flying around Marseilles that flies modified versions of these for tours.
- Kat o' Nine Tales
- The general specs for these are based on it acting as a troop transport, but it doesn't cover every version. The ASW version carries a lot more electronics and fewer people. It was retired by nearly everyone by the time the Wars finished.
- Sounder
- I like the looks too. Now if only I could get one to add to my collection. Marseilles you said?
- Kane



HK416

HK416

The HK416 is an improved version of the venerable M-4 carbine series produced by Colt and FN. The primary improvement is centered on replacing the upper receiver and the gas-tube system with a piston gas system to improve reliability. The assault rifle was made in numerous versions, including civilian legal semi-automatic sport weapons. The weapon was selected on a limited basis by several countries before initial production ceased in 2026.

The HK416 saw limited service during the Eurowars after the demand for firearms outstripped the remaining production facilities. The machine tools required to manufacture the HK416 were spared the destruction of the Crash and were therefore available for use after the invasion of Poland. The production line was restarted in a leased facility near Amsterdam, and the weapon shipped to mercenary units forming in France and Germany.

Std. Upgrades/Accessories: Vintage

- Great, another assault rifle. Why do we insist on using bandwidth for something that hasn't radically changed in nearly twenty years? You would think everyone is a gun-toting maniac.
- /dev/grll
- This is a historical document discussing what was used when the world still believed mass violence was the answer. Today, we have learned direct, small-scale violence is more likely to achieve the goals of the powers that be, but this was a tool used during those times.
- DangerSensei
- What's wrong with this rifle? There is a guy making them in his machine shop in Loveland, if you can find him and he trusts you enough not to shoot you.
- Riser

HK416 (ASSAULT RIFLE)

DAMAGE	AP	MODE	RC	AMMO	AVAIL	COST
6P	-1	SA/BF/FA	1(2)	30 (C)	5R	850¥

This weapon uses the SMG range table

IRIS-T

The IRIS-T was an early attempt at a hyper-maneuverable dog-fight missile to increase the lethality of aerial combat. The missile was guided by an infrared seeker and was compatible with helmet-mounted queuing systems. The missile achieved its maneuverability through the use of vectored thrust. The warhead was detonated by impact or through an active radar proximity fuse.

The missile was still the standard short-range missile for the Luftwaffe when the war started and was supplemented by a number of compatible designs as the war continued and production facilities were damaged. The IRIS-T was also used as part of a point-defense system for fixed installations along Germany's eastern border before they were overrun.

Std. Upgrades/Accessories: Obsolete

IRIS-T (AIR-TO-AIR MISSILE)*

DAMAGE	AP	BLAST	SENSOR	AVAIL	COST
16P**	-2/-6***	-4/M	3	23F	6,000¥

*Use the Missile Launcher Range Table, but extend the Extreme Range band to 9,000 meters

** Against ground target the missile is far less effective; reduce its DV to 8P

*** vs. people/vs. vehicles

- The IRIS-T was a good missile for its day, but the radar fuse is pretty easy to spoof, causing it to explode prematurely. There are several recorded incidents of this happening once the Russians started adding dedicated jamming pods on the Flankers.
- Bull
- The missile is still on the books of Belgium as an acceptable substitute for their preferred air-to-air missiles. Do they still have them in inventory?
- Black Mamba
- Not according to the ammunition inventory I found, but newsfeed articles from 2040 state the government will store the machine tools indefinitely as part of the mobilization reserve.
- Snopes
- I bet the Germans were less than happy the Belgians decided to keep their stuff.
- Riser

METEOR

The Meteor was a long-range radar-guided missile used by nearly every early Eurofighter customer at some point during the aircraft's career. The Meteor was intended to maintain superior maneuvering characteristics throughout its flight envelope through the use of ramjet propulsion. The missile was built with an active radar terminal seeker and could receive mid-course updates from the launching aircraft via a one or two-way datalink.

The Meteor lasted in European inventories until the end of the EuroWars when existing stockpiles were exhausted. The weapon was then superseded by a number of Saab-Saaker designs.

Std. Upgrades/Accessories: Obsolete

METEOR (AIR-TO-AIR MISSILE)*

DAMAGE	AP	BLAST	SENSOR	AVAIL	COST
17P**	-2/-6***	-5/M	4	24F	8,000¥

*Use the Missile Launcher range table, but extend the Extreme Range band to 75 km

** Against ground target the missile is far less effective; reduce its DV to 9P

*** vs. people/vs. vehicles

- A really good missile for its day. I know a few engineers who marvel at the success of the brute force design for the ramjet.
- Clockwork
- Brute force? The inlet was made of titanium and the missile had software controls up the yang to make sure it was far better than a regular rocket motor. It was sophisticated as hell.
- /dev/grll
- Modern missiles use composites for the same thing, and the code was all custom writing. Today there are software modules that will write that same code in under ten minutes and provide better error checking. Not saying the original was bad, only that things are done better and faster today.
- Beaker



KEPD 400

This air-launched cruise missile was primarily used to target logistics nodes of the Russian military with some success, as some of their assaults failed due to supply issues. They were also used to damage critical road junctures and target chokepoints to slow the armored units' advances. The German's inventory of missiles was expended three weeks after Russian units first crossed the German border. The missions were later performed by drones, although at a higher cost in resources.

Std. Upgrades/Accessories: Obsolete

TAURUS KEPD 400 (CRUISE MISSILE)*

DAMAGE	AP	BLAST	SENSOR	AVAIL	COST
20P	-4	-5/M	2	36F	430,000¥

The Taurus KEPD 400 is a cruise missile, with Clearsight 2 and Targeting (Cruise Missile) 2

*Use the Missile Launcher range table, but extend the Extreme Range band to 600 km.

- As a further note regarding ammunition expenditure. The Spanish had 115 of these when the Jihad attacked. They ran out in less than a week.
- Glitch
- There are rumors the missile was produced in small batches and provided with non-persistent chemical warheads by BMW to help resist the Jihad. Apparently the Spanish weren't too picky on how to stop the Moroccans from getting on the boats.
- Plan 9

CRUISE MISSILE DRONES

All cruise missiles have the following stats unless otherwise noted.

HANDL	ACCEL	SPD	PILOT	BODY	ARMOR	SENSOR
+5	100/400	750	4	8	8	6

AGM-65 MAVERICK

The Maverick is perhaps the best example of how successful the results of a long running upgrade program can be. The Maverick was nearly sixty years old when the war started and was used by both European and Jihadist forces. The weapon is still in inventory with several nations as production resumed in UCAS to support their former allies and the Egyptians reverse-engineered their earlier models with help from Iranian scientists.

Std. Upgrades/Accessories: Obsolete

AGM-65 MAVERICK (AIR-TO-SURFACE MISSILE)*

DAMAGE	AP	BLAST	SENSOR	AVAIL	COST
18P	-7	-3/M	2	25F	9,000¥

*Use the Missile Launcher Range Table, but extend the Extreme Range band to 20 km

- I'm surprised any of these are left; Ares announced a buy-back program nearly thirty years ago. The Egyptians factory also had an industrial accident that rendered the machine tools and computers unsalvageable.
- Picador
- Boeing earned enough producing these to offer a special dividend after the war ended. They shut down production shortly before Ares bought their missile division. I don't believe the Maverick's plans were part of the purchase agreement.
- Mr. Bonds

CRUISE MISSILE AERIAL LAUNCH SYSTEM

This system is designed to carry a cruise missile on an aircraft's external reinforced weapon mount. They are capable of carrying nearly any cruise missile available on the market but are not cleared to carry strategic weapons, as they lack the safeguards required for such systems.

AVAILABILITY	COST
28F	1,600¥



ALLIANCE FOR ALLAH ARMED FORCES



ALTAY MBT

ALTAY MBT

The Altay was the most advanced Turkish design available when the war started. It helped form the spearhead of the Alliance penetrating into the Balkans. The advanced fire control and engine allowed it to perform better than its competition, which was largely composed of older Western and Soviet designs. Unfortunately its rudimentary tactical network compatibility also made it susceptible to the Crash. The virus damaged a number of the tanks before they were able to be effectively used. The same susceptibility also crippled the production facilities, rendering the Turk's most effective ground weapon irreplaceable.

Std. Upgrades/Accessories: Life Support (Level 1), Smoke Projector, Tracked Vehicle, Reinforced Weapon Mount (external, turret, armored manual), Weapon Mount (internal, turret, armored manual), Weapon Mount (external, turret, manual)

ALTAY (MAIN BATTLE TANK)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-3	5/15	70	1	23	15	2	30F	4,750,000¥

- I've seen a bunch of these in front of public buildings in Ankara. The military seems pretty pleased they built a modern MBT back in the day. Too bad they sold out to the megas now.
- Traveler Jones
- There are a number of them still sitting in a parking lot in Greece. According to the records, the government dragged them there after the war and never got around to scrapping them.
- Snopes
- They also haven't fixed them up. They're rusting away, and the local fauna has started to use them for nests.
- Black Mamba

STANDARD ARMAMENT ALTAY

Unlike many of today's modern designs, earlier armored vehicles utilized a fixed armament package that could only be changed with a factory rebuild.

Main Gun: 120mm tank gun with 42 rounds

Coaxial Machine Gun: M-240C 7.62mm MG

Commander's Machine Gun: M-240C 7.62mm MG



M-48A5T2

M-48A5T3

Perhaps the oldest tank still used by any military this century, the Patton, as the Americans called it, was taken out of storage and pushed to the front lines of the Jihad as the newer tanks were destroyed and replacements became difficult to manufacture. The Patton served its last days nearly a hundred years after the first prototype sped across the Aberdeen Proving Grounds, providing protection for its four-man crew and fighting across Europe as the designers intended.

Std. Upgrades/Accessories: Network Incompatible, Smoke Projector, Tracked Vehicle, Reinforced Weapon Mount (external, turret, armored manual), Weapon Mount (internal, turret, armored manual), Weapon Mount (external, turret, manual)

M-48A5T3 (MAIN BATTLE TANK)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-4	5/10	50	0	18	12	1	22F	1,925,000¥

- The oldest tank to ever see battle. Ironically you can see more of them as artificial reefs now than on dry land. The old United States disposed of them when the Soviet Union collapsed.
- Black Mamba
- The old soldiers still claim they were good until the end at fighting against infantry strongpoints. The Turkish high command never intended them to fight against modern armor.
- Goat Foot
- The Greeks have a pair on display in Athens as a reminder to never let their guard down again. It hasn't gotten them to raise their defense budget, but they get to talk tough in front of the dinosaurs.
- Dr. Spin

STANDARD ARMAMENT M-48A5T3

Unlike many of today's modern designs, early armored vehicles utilized a fixed armament package that could only be changed with a factory rebuild.

Main Gun: 105mm tank gun with 54 rounds

Commander's Cupola Machine Gun: M-2 12.7mm MG

Coaxial Machine Gun: M-73 7.62mm MG



BMP-3

BMP-3

The BMP-3 was produced by Russia through the first decade of the twenty-first century, first as their primary mechanized transport, and later as their primary military export. The vehicle proved a success, with Iran and Syria purchasing thousands before the production line closed down. The vehicle has three weapons integrated into the turret, allowing the crew a wide array of options to engage a target.

The BMP-3 was removed from most modern militaries due to its lack of network capability; though local industry was normally able to keep those purchased by third-world nations functioning far longer than anticipated. The vehicle carried a wide array of optional, customer-chosen options including reactive armor, NBC filtration system, improved communications equipment, or a jammer to stop incoming missiles.

Std. Upgrades/Accessories: ECM 1, Life Support (Level 1), Network Incompatible, Tracked Vehicle, 2 Reinforced Weapon Mounts (external, heavy turret, armored manual), Weapon Mount (internal, heavy turret, armored manual), 2 Weapon Mounts (external, fixed, remote), 5 Firing Ports

BMP-3 (INFANTRY FIGHTING VEHICLE)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-3	5/10	70	0	17	10	2	22F	2,300,000¥

- You can still find some of these tooling around in Africa. The owners have usually spent more upgrading them than it is worth, but they can't get anyone to sell them better.
- Black Mamba
- The scary part is the complete plans for it are available on the Matrix. I know half-dozen riggers who could build one in under a month.
- Turbo Bunny
- They would be Lone Star bait the day after it hit the street, if not sooner. All of the big corps keep a military response team handy to take care of people like that.
- Clockwork

STANDARD ARMAMENT BMP-3

Unlike many of today's modern designs, early armored vehicles utilized a fixed armament package that could only be changed with a factory rebuild.

Main Gun: 100mm tank gun with 48 rounds

Coaxial Auto Cannon: 30mm with 500 rounds

Coaxial Machine Gun: PKT 7.62mm MG

Bow Machine Guns: PKT 7.62mm MG



ZSU-30-2

ZSU-30-2

The ZSU-30-2 was a combined weapons platform intended to handle any airborne threat above the battlefield. While capable when first released, the ZSU-30-2 suffered from a lack of upgrades and the failure of the designers to realize how prevalent drones would become in the SEAD mission. While initially procured by the Soviet Union, the remaining vehicles were eventually sold to any interested nation, as most of the initial buyers moved to more capable systems.

Std. Upgrades/Accessories: Obsolete, Tracked Vehicle, Reinforced Weapon Mounts (external, heavy turret, armored manual), 2 Weapon Mounts (external, turret, remote), 3 Ammo Bins for each Weapon Mount

ZSU-30-2 (ANTI-AIRCRAFT SYSTEM)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-3	5/10	60	1	15	6	2	25F	3,100,500€

- The Iranians and Syrians had a bunch to donate to the cause, but for some reason most of the Syrian models ended up as part of the cordon around Israel. The Iranians lost all of theirs when they invaded Russia.
- Picador
- Interestingly enough, the Spanish collected several wrecks when they policed the battlefield near Real de Becerro. They managed to hold off the British for nearly three weeks. They have one rusting there as part of a museum.
- Fianchetto

STANDARD ARMAMENT ZSU-30-2

Unlike many of today's modern designs, early armored vehicles utilized a fixed armament package that could only be changed with a factory rebuild.

Main Gun: Twin 30mm autocannons with 1,000 rounds

2 Quad SA-19 Missile Launchers: Use HE Missiles with Sensor (Rating 2, p. 325, SR4A)



T-129 MONGOOSE

T-129 MONGOOSE

The Mongoose was produced by the Turks for nearly thirty years with new airframes being delivered while the war progressed. The design was originally created by Augusta in Italy. It was noteworthy as the first entirely European-designed and -manufactured attack helicopter. The version produced in Turkey featured more powerful engines, while replacing the avionics with locally developed alternatives.

The helicopter only saw combat service with the Alliance for Allah, as the Italian models were withdrawn from service due to airframe fatigue shortly before the invasion. The T-129 performed well in service, as its rudimentary datalink allowed flights to coordinate their attacks with the Altay-equipped armor formations. An updated model is still available through Mitsuhama Industrial Technologies, although no orders have been publicly acknowledged for the past fifteen years.

Std. Upgrades/Accessories: Improved Takeoff and Landing 2, Lock-On Countermeasures, Obsolete, Reinforced Weapon Mount (external, flexible, remote), 4 Weapon Mounts (external, fixed, remote)

- The latest mod is sweet! MCT added dual auto cannons instead of the old Gatling. They even upped the generator's capacity to handle a decent ECM suite and rigger adaptation.
- Slamm-O!
- It's a second-line vehicle at best. Even the original wasn't bleeding edge when the war started but it handled itself pretty well when piloted by Turkish pilots. The Syrians started cranking out minimally trained pilots by the end, and they didn't do so well.
- Clockwork
- I've seen some vintage birds in Mali-Faso. I have no idea how they got them or if they're even airworthy, but there was a guard protecting them.
- Black Mamba

T-129 MONGOOSE (ATTACK HELICOPTER)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+2	10/30	260	1	14	4	3	21F	4,250,000¥

STANDARD ARMAMENT T-129

Unlike many of today's modern designs, early armored vehicles utilized a fixed armament package that could only be changed with a factory rebuild.

Main Gun: 20mm Gatling cannon with 500 rounds
4 Hard Points



MIG-29SMT FULCRUM

MIG-29SMT FULCRUM

A multi-role fighter designed by the Russians to replace earlier fighters, the Fulcrum-E featured expanded armament options, improved engines, and more avionics options than its original configuration. The fighter was modified to increase range and accept in-air refueling allowing the fighter to serve more effectively in a strike role.

The fighter was extensively purchased by the nations that eventually joined the Alliance with large inventories, particularly Syria, Iran, and Iraq. Unfortunately for the Alliance, pilot training and tactics varied greatly between the nations, as some were barely capable of flying simple interceptions, while others were capable of sophisticated tactical maneuvers as individuals and as part of a formation. The fighter performed well against other fourth-generation opponents, but found itself overmatched by the later fifth-generation designs.

Std. Upgrades/Accessories: Ejection Seat, Lock-On Countermeasures, Network Incompatible, Reinforced Weapon Mount (internal, fixed, remote), Reinforced Weapon Mount (external, fixed, remote), 6 Weapon Mounts (external, fixed, remote)

MIG-29SMT FULCRUM (TACTICAL AIRCRAFT)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+3	50/200	2400	1	15	3	3	22F	5,300,000¥

- The old owners largely sold them back to MiG as part of a trade-in program for the MiG-63. Those that didn't usually bought replacements from Ares.
- Black Mamba
- Why bother with buy-back programs? You have to replace your old stuff eventually anyway.
- /dev/grll
- The original production contracts normally specified a certain payment for technology transfer and manufacture. By buying back the old airframes, they largely starved local industry of contracts as the parts were incompatible. This allowed the larger corporations to buy the assets at a reduced rate or just eliminate the competition.
- Mr. Bonds



AK-74

AK-74

An iteration of the original AK rifle series, the AK-74 featured a new caliber and much lighter weight than its predecessor. The design was licensed to a local Baghdad manufacturing concern that continues to make the rifles. The weapon became a standard armament for Alliance forces streaming through Transcaucasia and present-day Turkistan to invade Russia.

The rifle is a gas-operated, rotating-bolt design, not much different than earlier models used by the Soviet Union. The principle differences are a simplification of the gas system and other changes to increase reliability. The weapon is capable of taking an under-barrel attachment, with a grenade launcher being the most common.

Std. Upgrades/Accessories: Bayonet Mount, Vintage

AK-74 (ASSAULT RIFLE)

DAMAGE	AP	MODE	RC	AMMO	AVAIL	COST
6P	-1	SA/BF/FA	-	30(C)	5R	650¥

- Try finding spare parts for this anywhere beyond Baghdad. The manufacturer concentrates on making new rifles but rarely produces any parts for their purchasers. Allegedly it has something to do with the licensing agreement.
- Am-Mut
- The rifle is pretty basic. Depending on the age of manufacture they can go for a lot on the secondary market, with early Soviet models particularly desired by collectors.
- Ma'fan
- You would know. How much did you get paid to steal that one from the Tokyo Industrial Museum?
- Mika



RPK-74

RPK-74

This is the squad automatic companion to the AK-74. It functions with the same operating parameters as the rifle and is capable of using the same magazines when their purpose-made magazines are not available. The barrel is longer than the rifle's but it lacks the quick-change capability most designs feature. The bipod is intended to help support the weapon during prolonged firing, but users are normally capable of maintaining the same pace as their squad mates.

Std. Upgrades/Accessories: Bipod, Vintage

RPK-74 (LIGHT MACHINE GUN)

DAMAGE	AP	MODE	RC	AMMO	AVAIL	COST
6P	-1	SA/BF/FA	(2)	30(C) OR 45 (C)	7F	850¥

- The RPK series was interesting for its time, as it was designed with a conscript army in mind. Basically any draftee could be handed it after basic training and treat it like a larger rifle. Modern operations prefer to use better tools, as their gunners have better training.
- Picador
- It's interesting the licensing agreement didn't cover this weapon as well. Normally they are worked as a package deal so the manufacturer can offer a rounded solution to their clients.
- Mr. Bonds
- Based on the old State Department logs, nobody wanted to offer a complete solution when political stability was in question. It appears the Russians wanted a new stream of cash, but not to develop a competitor on the international arms market.
- Kat St. Irregular
- There are records indicating the factory converted a line over to this model. The actual production counts might have been lost during Crash 2.0, but the destruction looks a little more deliberate.
- Netcat



G3

G-3

The G-3 was stored in reserve armories across the globe. When the call for additional Jihadist soldiers arrived in the cities and villages of the Middle East, many of these were pulled from storage and issued to the newly formed groups. The rifle performed well during the war, although some suffered from poor ammunition until supplies could be looted from the defenders. The Moroccan members of the Spanish invasion appeared to have a particular penchant for carrying this rifle and scavenging ammunition from overrun defenders.

Std. Upgrades/Accessories: Vintage

G-3 (BATTLE RIFLE)

DAMAGE	AP	MODE	RC	AMMO	AVAIL	COST
7P	-1	SA/BF	1	20(C)	7R	900¥

- The G-3 was a good rifle for its day, and there are some indications copies were handmade from otherwise unserviceable weapons to keep the Jihad supplied. It gained the respect of the French soldiers at Real de Becerro when it was punching through their body armor.
- Black Mamba
- There are still bunches in Madrid's reserve armory. They announced a plan to melt them down a couple of years ago but never followed through.
- Glitch
- I found one being used here by a merc. He attached a telescopic thermal sight to it so he could be the team's sniper. It didn't help much.
- Hard Exit

R-60

The R-60 was developed as a short-range infrared missile during the middle part of the twentieth century. It was produced in several variants with varying sophistication and resistance to countermeasures. The R-60 was used by the MiG-29's in service with the Alliance after more advanced missile stocks had been depleted. Some analysts cite the use of this weapon as a partial reason the quality of support for the Jihad ground forces dropped, as the aircraft had to carry more air-to-air munitions to reach the same objective.

Std. Upgrades/Accessories: Obsolete

R-60 (AA-8 APHID)*

DAMAGE	AP	BLAST	SENSOR	AVAIL	COST
13P**	-2/-6***	-4/M	1	15F	11,000¥

* Use the Missile Launcher Range table, but extend the Extreme Range band to 8,000 meters

** Against ground target the missile is far less effective; reduce its DV to 10P

*** vs. people/vs. vehicles

- The Aphid is a simple missile; download the plans, play with a chemistry set, and assemble some secondhand electronics. That's the way to make a heat-seeking missile in under a month.
- Beaker
- Now why do I find the idea of you manufacturing missiles in your shed disturbing? There are reasons the factories are located away from residential zones. Besides, how do you move them? It can't be easy loading one to get it to a buyer.
- Clockwork
- They only masses around 45 kilos. Pay a couple of my large friends to load in on a transport and we're in beer money for the month. Besides the t-birders love them—they're low masses, and they can be sold at the end of a run.
- Beaker

HELLFIRE

The Hellfire, also known as the AGM-114, was the primary helicopter-borne missile of the late twentieth and early twenty-first centuries. It was modified several times during its lifetime, becoming increasing lethal with each generation. The primary configurations required the target be designated by the aircraft or another allied source, while a later version was guided by millimeter-wave radar, allowing the helicopter to shoot from safety.

Std. Upgrades/Accessories: Obsolete

HELLFIRE (ANTI-TANK MISSILE)*

DAMAGE	AP	BLAST	SENSOR	AVAIL	COST
14P	-7	-2/M	0	17F	6,500¥

* Use the Missile Launcher range table, but extend the Extreme Range band to 6,500 meters
Millimeter Radar guided rounds have a Sensor Rating of 1, cost of 9,000, and loses the Designator

Dependent trait.

- The Hellfire has largely been replaced with Ares' Demonfire missile. The dual-band seeker is a lot more survivable for the launching platform and has better performance against aerial targets too.
- Clockwork
- The missile was used by everyone during the war. The British had most of the radar-guided ones while the Alliance used the laser-guided ones.
- Black Mamba
- The missile ended up incapable of reliably damaging modern tanks by the end of the wars. They managed to stay effective against the IFVs and APCs.
- Picador

GBU-39 SDB

The GBU-39 Small Diameter Bomb is intended to strike fixed targets at ranges past those possible for traditional iron bombs. The bomb masses roughly 113 kilograms and attempts to make up for the lack of pure destructive power through improved accuracy. The bomb receives guidance information from GPS satellites and attempts to reach its target along the most efficient glide path.

Std. Upgrades/Accessories: Obsolete

GBU-39 (GLIDE BOMB)*

DAMAGE	AP	BLAST	SENSOR	AVAIL	COST
20P	-6	-4/M	3	16F	2,500¥

*Use the Missile Launcher Range table, but extend the Extreme Range to 10 km.

- The bomb was pretty good, but its weakness is the guidance system. It takes a little while for it to glide out to maximum range, and that gives you enough time to spoof the system or throw off the signal with a jammer.
- Bull
- It's interesting this concept has barely been tried since. Is there a reason attempting to use guided gravity bombs has faded?
- Slamm-O!
- Simply put, munitions manufacturers make more money from a missile. The first smart bombs were add-ons kits to a dumb bomb and that gave the customer the option of not using the expensive components if they didn't want to.
- Mr. Bonds

AGM-154 JSOW

The JSOW was a glide bomb in the 450-kilogram class, intended to slip through air defense sensors and strike sensitive targets before it could be stopped. The weapon deploys wings shortly after launch and uses GPS guidance to reach its target. Some models allow the launching aircraft to provide updated target information after launch, provided the aircraft is still within line of sight of the weapon.

A relatively small number of these weapons were used by Turkish aircraft to decimate the air defenses of Greece and Bulgaria, while other operators damaged India's network, allowing the Alliance's aircraft to operate without restriction. The Spanish and Italians used several against known logistics nodes. Forensic analysis indicated weapons of this type were used during the Nightwraith strikes, but the exact manufacturer could not be identified.

Std. Upgrades/Accessories: Obsolete

AGM-154 JSOW (GLIDE BOMB)*

DAMAGE	AP	BLAST	SENSOR	AVAIL	COST
25P	-4	-2/M	1	26F	181,000¥

The JSOW is a guided bomb, with Reduced Signature (Rating 1).

*Use the Missile Launcher range table, but extend the Extreme Range band to 35 km.

- I thought these were retired well before the war. The United States used the last ones they had as targets in complex air-combat scenarios.
- Snopes
- You'd be surprised what is sitting in arsenals around the world. The big corporations have convinced most countries to replace their equipment, but they seem to keep some of the old stuff tucked away.
- Black Mamba
- So, is anyone still trying to track down what happened that night? They don't cover it is school anymore and the older public sites have all been shut down.
- /dev/grrl
- The Wars are ancient history for most folks today. There are also people who are still nervous as hell about how the entire situation spun out of control, and making the wars seem unimportant helps them maintain the illusion of control.
- Sunshine
- There are still people digging into the strikes, they just keep disappearing once they learn the truth.
- Plan 9



EUROPEAN ARMED FORCES

- >PRIORITY MESSAGE<
- The Europeans definitely had a mixed bag for equipment; stealth fighters, multiple tank designs, more rifle types than I can count, and more logistics issues than a supercomputer could navigate. It's a miracle they were able to stop a riot, let alone the Jihad.
 - Snopes
 - The Russians might have been able to conquer most of Europe, but the Nightwraith strike crippled their desire to continue as well as intensifying their supply problems.
 - Picador
 - Russia moving that far forward was never a likely scenario. The mercenaries and the combined forces were pushing back pretty hard by the end; the strike just sped things up.
 - FastJack
 - The Europeans had some logistic benefits, too. A lot of their gear was still NATO compliant, meaning they could trade ammunition and their communications gear could still talk to each other. Those are benefits the Jihadist would have loved to have.
 - Beaker
 - A lot of them would have just liked to have food after the first couple of months. The right bullets were a luxury item.
 - Goat Foot





CHALLENGER III

CHALLENGER III

The final member of the Challenger series, the Challenger III, was designed to increase mobility, network compatibility, and protection over earlier models. The tracked suspension and advanced stabilization system helped keep gunfire accurate while in motion, regularly scoring one-hit kills at nearly three kilometers in advanced trials.

The Challenger III performed fairly well during the war, with crews praising it regularly in news broadcasts and captured models being returned to service by the Alliance whenever possible. The primary failing was the inability to traverse water obstacles during the reinforcement operations in the Netherlands. Secondary issues included compatibility with drone units, and the electronics became rapidly outdated in the post-Crash environment.

Std. Upgrades/Accessories: Lock-On Countermeasures, Obsolete, Smart Armor (Rating 3), Tracked Vehicle, Reinforced Weapon Mount (external, heavy turret, armored manual), Weapon Mount (internal, heavy turret, armored manual), Weapon Mount (external, turret, manual)

- The Brits still have a bunch of these sitting in a depot near Easington. I have no idea why, but three attempts to request their removal were stopped by the Lord Protector before he left office.
- Glitch
- There is still a market for used armor even though the corps try to squash it, and the Challenger III is normally entered into those bids. They managed to offload twenty to the CAS for weapon-testing targets last year.
- Hard Exit
- It's hard to believe we're spending so much time talking about gear that was old before we were born.
- Slamm-O!
- Old bullets kill too.
- DangerSensei

CHALLENGER III (MAIN BATTLE TANK)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-4	10/15	90	1	32	22	3	27F	6,950,000¥

STANDARD ARMAMENT CHALLENGER III

Main Gun: 120mm tank gun with 50 rounds
Coaxial Machine Gun: M-240C 7.62mm MG
Commander's Machine Gun: M-240C 7.62mm MG



ARIETE C-4

ARIETE C-4

The primary tank of the Italian Army, the Ariete C-4 saw action against both the invasion and the Jihad. Italian industry began to produce this vehicle shortly before the invasion of Poland, as the Border Wars made the government realize how outdated their land forces had become. The tank's prototype began testing December 2029, with low-rate production intended to start late 2034 and operational fielding to start in mid-2035. The invasion changed all of these plans. Italy began full-rate production as quickly as production tooling could be assembled, with changes from testing incorporated as convenient.

The Ariete C-4 was provided with then-bleeding-edge networking capability for enhanced command and control, along with a dedicated hard-kill system to protect against anti-tank missiles and low-flying drones. It also had modular weapon mounts, allowing the armament to change as the weapons improved, which was a rare feature when production started.

Std. Upgrades/Accessories: Enhanced Sensors, Gyro-link, Missile Defense System, Obsolescent, Tracked Vehicle, Reinforced Weapon Mount (external, heavy turret, armored manual), Weapon Mount (internal, heavy turret, armored manual), Weapon Mount (external, turret, remote)

ARIETE C-4 (MAIN BATTLE TANK)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-4	10/15	80	0	21	18	1	26F	4,675,000¥

- There are still a few of these in storage on the peninsula. The Greeks have a bunch stored, too. I guess they were still too new to completely scrap after the Big Ten got into the arms-manufacturing and -pushing business.
- Snopes
- The Austrians purchased a fair number of them for their offensive, although there weren't many left of the original batch when they finished. The dragon sold them their next batch of tanks and took what they had a trade-ins. I'm not sure who got the better end of the deal.
- Fianchetto
- These really saved the Italians a lot of casualties. The next-heaviest fighting vehicle in their inventory was a wheeled tank destroyer that lacked the network capability and the firepower the tank possessed.
- Clockwork





SABRE

SABRE

The Sabre was developed by the United Kingdom to meet the pressing need for a dedicated infantry support vehicle while maximizing the ability of local industry to produce and support the chosen option. After a short analysis of alternatives, the British Army selected a highly automated turret on a slightly modified Warrior chassis. The original production models were essentially hand-built using hulls from stored Warriors and preproduction turrets as the production tooling was being assembled. These vehicles were sent to the Netherlands to perform patrol duties as these were able to traverse narrower streets easier than the Challenger III.

The last version of the Sabre was produced for action against the Jihad and performed admirably against the forces invading Spain. It had full battlefield network capability and was outfitted with world-wide communications capability, in many ways it was the predecessor for modern armored fighting vehicles (AFVs).

Std. Upgrades/Accessories: Obsolescent, Satellite Communications, Tracked Vehicle, Reinforced Weapon Mount (external, heavy turret, armored manual), Weapon Mount (internal, heavy turret, armored manual)

SABRE (LIGHT TANK)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-2	5/15	60	0	17	10	3	23F	4,200,000¥

- They eventually configured some with rigger control systems so they could operate as one-person armored test beds. They performed okay in the tests, but the age of the base equipment made them too maintenance-intensive.
- Clockwork
- The Brits normally outfitted them with a 105-millimeter cannon and a coaxial machine gun. It was a little light to be going against the Russians, but it was good enough for most of the vehicles the Alliance managed to get across to the Iberian Peninsula.
- Black Mamba
- Records indicate they were all disposed of to corporate purchasers when they dumped the rest of the Warriors. It was one way of simplifying their logistics chain.
- Snopes



WARRIOR

WARRIOR

The Warrior was the United Kingdom's last heavy infantry fighting vehicle, as later designs favored affordability and mobility over protection and firepower. The Warrior has been updated several times during its lifetime, with most efforts aimed at improving reliability and firepower. The United Kingdom maintained roughly two battalions through the beginning of the 2020s and reintroduced low-rate production as the Border Wars began to brew in Eastern Europe, primarily in an attempt to gain exports.

Warrior full-rate production resumed after the initial British expeditionary force landed in the Netherlands. The vehicles were extensively used in the Spanish campaign. The United Kingdom continued production through the wars until more modern options were available.

Std. Upgrades/Accessories: Amenities (Squatter), Obsolete, Smoke Discharger, Tracked Vehicle, Reinforced Weapon Mount (external, heavy turret, armored manual), Weapon Mount (internal, heavy turret, armored manual)

WARRIOR (INFANTRY FIGHTING VEHICLE)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
-2	5/15	70	0	17	10	2	24F	3,150,000¥

- The Brits used these as their primary infantry-support vehicle for most of the campaigns involving the lightly armed Jihadist forces. They were effective in the fighting largely due to the lack of dedicated anti-armor munitions.
- Black Mamba
- They did not fare so well against the God of War. Artillery was a good counter to the exposed infantry, and their carriers tended to attract a lot of attention from the forward observers.
- Red Anya
- In a bit of irony, the Moroccans used a number of captured models against the French during the later engagements. The local historical scholars consider it a critical point, as it led to several months of distrust between the allies.
- Goat Foot

STANDARD ARMAMENT WARRIOR

Main Gun: 30mm autocannon with 150 rounds
Coaxial Machine Gun: M-240C 7.62mm MG



BOXER FRES

BOXER

The Boxer was initially fielded by the United Kingdom in the late 2010s as an alternative to the heavy armored forces previously fielded. The smaller and more agile vehicle was capable of navigating urban terrain with less collateral damage than tracked vehicles, and it still possessed an acceptable level of cross-country mobility. The vehicle was also designed with air and sea lift as a requirement, giving purchasing entities the ability to deploy it around the globe with minimal difficulty.

The Boxer features an integrated network system, allowing a unit to share battlefield intelligence instantly. The vehicle is lightly armed, serving more as a battlefield taxi than a fighting vehicle. While the protection system is less resilient than some contemporary carriers, the designers installed a number of systems intended to reduce the likelihood of a damaging blow in the first place.

Std. Upgrades/Accessories: Amenities (Squatter), Cross-Country Suspension, Life Support (Level 1), Lock-On Countermeasures, Obsolete, Run-Flat Tires, Smoke Projector, Weapon Mount (external, turret, manual)

BOXER (ARMORED PERSONNEL CARRIER)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+2	10/30	85	0	15	11	2	19R	238,500¥

- You can still find them around, primarily with private security firms trying to use some kind of QRT-like concept. They are street-legal in some different countries, and they are weak enough that the military can take them out fairly quickly.
- DangerSensei
- You mean you can find them with no-talent wannabes who can't afford decent gear. Shock strips still eat them for lunch.
- Clockwork
- That is another way to say it. But when they are chasing you on your planned escape route, they don't have to be good, just lucky.
- Am-Mut
- The historian fails to note the Boxer was also used by other European nations as a second-line asset. I wonder who paid for the research.
- Fianchetto



AIFV-II

AIFV II

The last locally produced armored fighting vehicle for the Netherlands, the AIFV was largely a remanufacture and update of a much older vehicle. The vehicle served as the heavy component of the Belgian and Netherlands forces with lighter wheeled vehicles acting as the primary personnel transports. The updated design was shared with other users of the original vehicle, resulting in the vehicle serving with the Turkish forces as well. The vehicle has been removed from the inventory of all developed nations.

The vehicle featured the rudimentary network capability typical of the era as well as introducing modular weapon mounts so local producers could install available weapons. Typically, the vehicle featured an autocannon as its primary weapon, although mortar and ATGM variants were also used. The infantry compartment had three firing ports, allowing the passengers to protect the rear and sides of the vehicle with small-arms fire.

Std. Upgrades/Accessories: Amenities (Squatter), Amphibious (Level 1), Life Support (Level 1), 3 Gun Ports, Obsolete, Tracked Vehicle, Reinforced Weapon Mount (external, turret, remote), Weapon Mount (internal, turret, remote)

AIFV II (INFANTRY FIGHTING VEHICLE)

HANDL ACCEL SPD PILOT BODY ARM SENS AVAIL COST

-2 10/15 60 1 16 8 3 20R 385,000¥

- I bet they regretted selling the plans as part of a licensing agreement in the 2020s. The Turkish army was competent enough to threaten all comers until the supply situation collapsed the offensive.
- Clockwork
- The Turks suffered from a number of problems, although their allies were definitely the largest at times. They lacked creditable intelligence assets in a number of their target countries, and the logistics support they received caused more problems than it solved.
- Fianchetto
- The last operational models of the AIFV II were destroyed as part of Desert Wars 2051 when Ares' Green Team penetrated into a mercenary's defensive perimeter. The smart mines took care of the vehicles, but Ares pushed through and won the engagement. They play it on repeats all the time.
- Slamm-O!



PIRANHA APC

PIRANHA

The Piranha was an armored personnel carrier developed from the MOWAG line of vehicles first fielded during the 1980s. The Piranha 8 x 8 was selected by Belgium and Saudi Arabia to fit their motorized doctrine along with several other nations. The Piranha inevitably ended up on the frontlines as heavier units were consumed. These lighter vehicles were not intended for high-intensity operations but proved able when used within their limitations.

Std. Upgrades/Accessories: Amenities (Squatter), Obsolete, Off-Road Suspension, Run-Flat Tires, Smoke Projector, Weapon Mount (external, turret, manual)

PIRANHA (ARMORED PERSONNEL CARRIER)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+1	10/20	100	0	16	10	2	18R	250,000¥

- This was manufactured in a lot of variants that are still in active service. A number were made with heavier armament in full turrets to provide heavier firepower for their lighter brethren. You can still find them wandering around the backcountry.
- Clockwork

- If you meant to call Southeast Asia backcountry, then sure. Thailand has a bunch of updated models in reserve depots. They've added smart tires and full network compatibility to help them track down the drug runners and insurgents. The remote twin Vindicator turret works pretty well too.
- Black Mamba
- The police in Dammam still have three of them for important protection details and heavy raids. The military took the rest during the Jihad to replace their losses.
- Goat Foot
- It's surprising that any of these are still running after the war finished with them. By the end they were the principle vehicle of over half the combatants, and all of them were looking for something better.
- Turbo Bunny
- And that is why it's good to own Ares stock. No matter who loses a war, they always win.
- Sticks



EH101

EH101

The EH101 was designed to replace a wide number of different mid-to-large sized predecessors. The design was intended to fit various roles; including VIP transport, ASW, cargo lift, Special Forces operations, and assault transport. The helicopter was extensively used by the Italians, British, and Dutch to support ongoing operations. The models used to conduct assault operations were successful in deploying their human cargo, although critics noted that each operation required a significant amount of support.

Std. Upgrades/Accessories: Amenities (Squatter), Improved Takeoff and Landing 2, Lock-On Countermeasures, Obsolete, Weapon Mount (external, fixed, remote), 2 Weapon Mounts (internal, flexible, manual)

EH101 (UTILITY HELICOPTER)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+1	10/20	300	2	21	2	2	14R	415,000¥

- You gotta love military critics. Of course the operations required extensive support. Each of the transports was bringing in over forty infantry per load. The first lift alone was nearly six hundred people.
- Picador
- The majority of the manufactured military units were for naval use, so they didn't see much action. They did, however, take a lot of abuse due to corrosion or other maritime hazards.
- Snopes
- Aztechnology ended up with most of the patents for this design, although they don't seem too interested in keeping it available. I guess it's just another competitor who was buried by corporate politics.
- Hard Exit



WAH64 APACHE

WAH-64 APACHE

The primary attack helicopter of the United Kingdom when the EuroWars erupted, the Apache was a locally produced and modified version of the archaic American helicopter. They were used to provide close support to troops involved in amphibious operations, primarily in close-support and intelligence-gathering flights, rather than the anti-armor focus the design favored.

The Apache was in frontline use during the operations in the Netherlands and the initial landings in Spain, but it was replaced by Eurocopter Tigers as attrition reduced the number of viable airframes and the American nations were unwilling to part with any of their reserve airframes due to their own emergencies.

Std. Upgrades/Accessories: Improved Takeoff and Landing 2, Lock-On Countermeasures, Obsolete, Reinforced Weapon Mount (external, flexible, remote), Ammo Bin, 4 Weapon Mounts (external, fixed, remote)

- The Brits preferred the Apache, but keeping them airworthy was a challenge after they spent so much time on the landing ships. Corrosion and aircraft are a bad combination.
- Black Mamba
- I've seen a couple of the American version at a museum in Louisiana. They lacked the radar dome but otherwise looked the same as the one pictured here.
- Hard Exit
- The targeting algorithms of the ZSU-30-4 were optimized specifically to nail this helicopter. It's a good thing the British didn't use too many of these against the Russians—they would have had replacement issues earlier.
- Red Anya

WAH-64 APACHE (ATTACK HELICOPTER)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+1	10/30	290	0	16	9	3	21F	5,275,000¥

STANDARD ARMAMENT WAH-64 APACHE

Main Gun: 30mm autocannon with 1,200 rounds
4 Hard Points



LYNX WILDCAT

WILDCAT

The Wildcat was originally designed as an upgrade to the Lynx by Westland prior to the design's purchase by the reincorporated Hawker-Siddeley. The helicopter served a number of roles for the British Army, primarily as an assault transport, liaison, and substitute attack helicopter when outfitted with a light missile or forward-firing gun system.

The aircraft proved capable during combat operations but never underwent integration into the then-current battlefield network topology. This resulted in its retirement from service shortly after the war, although a small number were used for primary type training until 2040, when the last squadron deactivated at Credenhill. Design elements were used by Hawker-Siddeley in the development of drones following the war.

Std. Upgrades/Accessories: Amenities (Squatter), Improved Takeoff and Landing 2, Network Incompatible, Weapon Mount (internal, flexible, manual), 2 Weapon Mounts (external, fixed, remote)

WILDCAT (UTILITY HELICOPTER)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+2	10/30	290	1	16	3	2	18F	4,700,000¥

- They still have one outside the old base, mounted on a pedestal with the names of all the students who died during training. I guess the helicopters were starting to have issues before retirement.
- Traveler Jones
- A few are sitting on a target range near Madrid; the local security companies use them as targets during demonstrations. They even place explosives behind them to make the explosions more or less impressive depending on the potential client.
- Fianchetto
- The Imperial Japanese Marines evaluated a few before moving on to develop the Hound with Nissan. I wonder how much the fact the Pyramid owned the design influenced the decision.
- Hard Exit



V-22 OSPREY

V-22 OSPREY

The Bell Corporation scored a major marketing success with the development of the Osprey. It served in nearly every involved nation's military during the EuroWars and has been further developed for Doc Wagon after the success of the dedicated medevac versions during the war.

The Osprey served a number of roles during the conflict, including assault transport and special-operations transport. The naval version was capable of anti-submarine warfare or early warning with standardized modifications. The aircraft's armament varied by customer and role, with Gatling weapons preferred for the flexible belly mount.

Std. Upgrades/Accessories: Amenities (Squatter), Improved Takeoff and Landing 2, Obsolete, Weapon Mount (external, flexible, remote)

V-22 OSPREY (TRANSPORT AIRCRAFT)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+1	30/100	500	1	25	1	1	16R	1,785,000¥

- Federated Boeing is still making components for these aircraft, though I have no idea who is buying them. I didn't think the new model used any compatible parts.
- Glitch
- Some of the parts are compatible with the early TR-55, with the added benefit of an additional royalty percentage added to the cost. It's kind of like owning a sports car, in terms of ease, expense, and frequency of repairs.
- Turbo Bunny
- The number of airframes visible through satellite imagery is amazing. It looks like nearly every European nation has some stashed somewhere, even the Russians.
- Orbital DK



RAFALE

RAFALE

The Rafale was a carrier-capable design intended to compete with the Americans and Russians in the military aircraft marketplace. The design saw some success, particularly against its American competition, but the Eurofighter and some Russian designs managed to gain larger foreign sales before drones began to eliminate the demand for manned aircraft. The advanced delta wing design saw progressive development, not only to improve its abilities for the French government, but to meet the needs of its purchasers and those of perspective future clients.

The Rafale was decisively involved in the Iberian Peninsula campaigns as an air-superiority and ground-attack platform. It was used to cut off support for the Jihadist advance by destroying the naval support provided by Morocco and scouring the western Mediterranean Sea for support vessels. The aircraft was also used to direct drones during later operations, allowing the pilot to remain clear of air-defense systems while providing close air support.

Std. Upgrades/Accessories: ECM 1, Ejection Seat, Lock-on Countermeasures, Obsolete, Reinforced Weapon Mount (internal, fixed, remote), 8 Weapon Mounts (external, fixed, remote)

RAFALE (TACTICAL AIRCRAFT)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+1	80/320	2,100	2	15	1	3	26F	7,150,000¥

- India still has three operational squadrons. They modified them to use a rigger control rig and really amped up the self-defense jammers to handle modern missiles. They even maintain a production line for spare parts.
- Clockwork
- While the platform was a great success militarily, Dassault never sold enough of them to become the big player in the military aircraft business. Aztechnology eventually bought them during one of Europe's frequent recessions.
- Mr. Bonds
- When you bet against Ares Arms in the gun biz, you lose.
- Sticks
- It's hard to call one of the first supercruise-capable jets a loser. They are almost as good as later generation jets at the important things; just don't expect to win a head-to-head contest while flying one.
- Black Mamba

STANDARD ARMAMENT RAFALE

Main Gun: 30mm autocannon with 125 rounds
8 External Hard Points



F35 LIGHTNING

LOCKHEED F-35A LIGHTNING

Perhaps the most common jet fielded after the beginning of the century, the Lightning also had one of the shortest operational lives. The F-35 series of tactical aircraft were largely crippled by the Crash as their integrated avionics made them effective against opponents but vulnerable to sophisticated cyber attacks. Nations that owned these managed to repair their fleets during the war, but the aircraft had difficulty competing against its more common brethren.

Std. Upgrades/Accessories: ECM 1, ECCM 1, Ejection Seat, Lock-On Countermeasures, Signature Masking (Rating 2), Obsolete, Reinforced Weapon Mount (internal, fixed, remote), 2 Weapon Mounts (internal, fixed, remote), 4 Weapon Mounts (external, fixed, remote)

LOCKHEED F-35A LIGHTNING (TACTICAL AIRCRAFT)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+1	100/400	1,900	2	17	2	3	28F	13,250,000¥

- The plane largely gets a bad rap due to all the software issues. How was the manufacturer supposed to know the world's then-biggest virus was going to infect everything? They replaced the damaged parts and did some firmware updates to reduce the vulnerability as soon as they had working computers.
- Clockwork

- The aircraft's stealth features were compromised before it even entered operational service after some hackers downloaded the test data back in the late 1990s. I wish I had been in on it, as it sounds like it was one hell of a payday.
- Glitch
- They lasted longer than the commentator here thinks, since I can think of three different countries still using them. Not everyone is able to run out and buy Fed-Boeing's latest FA-38 Nightwraith variant.
- Black Mamba

STANDARD ARMAMENT LIGHTNING

Main Gun: 25mm rotary cannon with 180 rounds
 4 External Hard Points
 2 Internal Hard Points



NIGHTWRAITH

NIGHTWRAITH MK.1

The fighter that ended the first EuroWar, even if the United Kingdom denies they used their particular model in the attack. The Mk.1, or the FA-38A, was the premier attack aircraft flown during the EuroWars, and it is still considered an adequate performer today. Federated-Boeing continues to produce the aircraft in the improved "L" model, proving its excellence as a strike platform.

The strike fighter was used heavily in the Iberian Peninsula campaign to perform battlefield interdiction missions along with SEAD (suppression of enemy air defense) missions when required. This comprehensive battle plan leveraged the Nightwraith's capabilities, allowing older aircraft to fly in a permissive environment.

Std, Upgrades/Accessories: ECM 2, ECCM 2, Ejection Seat, Lock-on Countermeasures, Obsolescent, Reduced Signature (Rtg. 4), 2 Reinforced Weapon Mounts (internal, fixed, remote), 4 Weapon Mounts (internal, fixed, remote), 4 Weapon Mounts (external, fixed, remote)

NIGHTWRAITH MK.1 (TACTICAL AIRCRAFT)

HANDL	ACCEL	SPD	PILOT	BODY	ARM	SENS	AVAIL	COST
+2	80/320	1,500	3	19	3	4	36F	21,450,000¥

- I think we know who paid for the initial research now. How much does an unbiased, level reporting style cost anyways?
- Riser
- More than anyone here can afford.
- Sunshine
- I think the two autocannons are a little strange for such a new design. Tactics evolved beyond dogfighting almost fifty years ago. Most air forces don't even practice it with real aircraft. Up-close personal fighting is all done with drones now.
- Clockwork
- Now think about sneaking up on an early-warning aircraft at night. Carrying any external weapons, or even opening a internal bay door, will increase your signature enough to provoke a drone swarm or a missile launch. Sometimes old school is the best way to go.
- Rigger X
- Drek, yeah.
- Bull



FAMAS

FAMAS

The standard issue rifle of the French military, the FAMAS was a bullpup design with composite furniture. The unique carrying handle protected the charging handle during operation and provided an easily recognizable profile. While this model was not initially sold to many other nations, the EuroWars made any rifle a prized commodity in Europe, so it was eventually issued to irregular forces resisting the Jihadists and later sold to Euskal Herria as the French upgraded to newer designs.

Std. Upgrades/Accessories: Bayonet Mount, Vintage

FAMAS (ASSAULT RIFLE)

DAMAGE	AP	MODE	RC	AMMO	AVAIL	COST
6P	-1	SA/BF/FA	-	30(C)	6R	800¥

- A rather standard design compared today's offerings. It's functional despite its age, although finding decent optics for it is a little more difficult.
- Black Mamba
- You'll also find these in Spain's reserve armories, primarily collected from the militia members France armed toward the end of the invasion. They are still commonly carried by the Guardia Civil when they have a need to display a little extra firepower.
- Traveler Jones
- A number ended up in criminal hands as well. They got scattered around a bit after that, but you'll still occasionally see them in the hands of the Mafia.
- Fianchetto

ASRAAM

The ASRAAM, or the AIM-132, was intended as a short-range complement for the AMRAAM missile. It entered service with the United Kingdom in the late twentieth century and was extensively exported for nearly thirty years. The weapon was used by most of the European combatants, as its interface was compatible with most fourth- and fifth- generation aircraft.

The missile featured a longer range than most “dogfight” missiles, but suffered from reduced maneuverability. It was used in a variety of different modes, including off-boresight launches, which partially made up for its lack of agility.

Std. Upgrades/Accessories: Obsolete

ASRAAM (AIR-TO-AIR MISSILE)

DAMAGE	AP	BLAST	SENS	AVAIL	COST
15P**	-2/-6***	-5/M	3	22F	8,000¥

* Use the Missile Launcher range table, but extend the Extreme Range band to 12 km.

** Against ground target the missile is far less effective; reduce its DV to 10P

*** vs. people/ vs. vehicles

- I've built a couple of these in a shop before. The trickiest parts are the seeker head and the laser proximity fuse. I wonder if I could start making them for the Aztlan/Amazonia thing. They should start paying good nuyen for replacement munitions.
- Beaker
- You might get some mercenary buyers, but unless you're making them in the war zone, transportation rates will kill your profit margin.
- Marcos
- The seeker head is pretty easy to confuse with modern countermeasures. It might work against police or security types, but modern military units will make you leave it home unless you want it to turn completely around.
- Picador

SCORPION

The Scorpion was a shoulder-fired heat-seeking missile developed during the early 2020s from off-the-shelf technology as an interim measure after more comprehensive solutions experienced unaffordable cost overruns. The missile was capable of engaging targets from all aspects and was also used as a helicopter-mounted weapon at least once as an emergency measure. The reprogrammable seeker allowed for small incremental improvements as countermeasures improved or deficiencies were found.

The missile was originally fielded by the United Kingdom but was extensively exported to Germany after the invasion of Poland to supplement stockpiles of older missiles. Scorpion production ceased after the facilities were purchased by Saeder-Krupp and converted to civilian rocket development.

Std. Upgrades/Accessories: Obsolete

SCORPION (SURFACE-TO-AIR MISSILE)*

DAMAGE	AP	BLAST	SENS	AVAIL	COST
10P/15P*	-2	-5/M	2	22F	2,100¥

*Scorpion Rockets have 15DP against targets moving faster than 200m/Combat Turn, 10P against others

- They're still around today if you know where to look. There are stockpiles of them stashed in a variety of locations, although some entrepreneurs are getting them out to the open market.
- Red Anya
- One of those entrepreneurs sold a missile that shot down a medical transport last week. I'm sure Doc Wagon and the kid's parents would be happy to know who the seller was.
- Sunshine
- The risk of a terrorist incident has always surrounded this kind of weapon system, but the militaries keep demanding more of them since they're cheap, effective, and cheap.
- Black Mamba
- I love the bleeding hearts around here. It improves my profit margin.
- Clockwork

BRIMSTONE

The Brimstone was several nations' replacement for the venerable Hellfire. While the Americans continued to develop the older missile, the United Kingdom and France saw the benefit of designing a new missile with better and cheaper sensor components to arm their forces and gain market share against the earlier missile. The missile was sold to a number of nations in the years prior to the wars, including Saudi Arabia and Mexico.

The missile features a tandem-charge warhead intended to maximize penetrations against hardened targets without excessive blast effects. This minimizes the possibility of collateral damage by leveraging the missile's sensors to maximize the effect. The missile can be targeted through two different methods: either laser designation to allow a direct control of the impact point or its internal millimeter wave radar for true fire-and-forget performance.

Std. Upgrades/Accessories: Obsolescent

BRIMSTONE (AIR-TO-SURFACE MISSILE)*

DAMAGE	AP	BLAST	SENS	AVAIL	COST
18P	-7	-4/M	3	27F	11,500¥

* Use the Missile Launcher range table, but extend the Extreme Range band to 10 km.

- Looking into the history of the missile shows an interesting controversy regarding its development. Apparently it cost more to make this than to just buy Mavericks and more Hellfires.
- Sunshine
- The Brimstone was normally deployed on triple racks of jets; the helicopter installations were more varied. There is a photo of a Wildcat carrying two per side while engaging T-90s at an undisclosed location.
- Snopes
- The next photo in that sequence shows the Wildcat exploding from a Reflex missile hit. The advice that you should never stand still when people are shooting at you applies just as much then as it does now.
- DangerSensei

MAGIC IV

The Magic IV was France's primary short-range dogfight missile. Designed for the Rafale and a proposed Neuron drone variant, the missile was capable of defeating most current jamming routines and reaching its target. The missile was also exported to Austria as an improvised ground-based system to provide urban protection against Russian airstrikes.

Std. Upgrades/Accessories: Obsolescent

MAGIC IV (AIR-TO-AIR MISSILE)*

DAMAGE	AP	BLAST	SENS	AVAIL	COST
14P**	-2/-6***	-4/M	3	15F	17,500¥

* Use the Missile Launcher range table, but extend the Extreme Range band to 8,000 meters

** Against ground target the missile is far less effective; reduce its DV to 10P

*** vs. people/vs. vehicles

- The missile battery near Vienna was made part of a commemorative park ten years ago. The Austrians kept it active until the missiles reached the end of their shelf life.
- Traveler Jones
- Rafale pilots preferred the longer-range Meteor once it was cleared for use. The prevalence of drone swarms during the later wars made attrition a part of every strike plan.
- Rigger X
- The strange thing is I can't find a complete set of schematics anywhere on the Matrix. It's like someone has deliberately scoured them from view.
- Snopes

ASTER 18

The Aster 18 is a mid-range missile intended to replace earlier models of the family. Launched from vertical-launch systems, the Aster 18 served with the Italian, French, and British navies as their primary air-defense asset. The missile has a dual-mode guidance system combining active radar and ultraviolet systems in a brute-force attempt to overwhelm countermeasures and jamming.

The weapon also served as the interceptor for short-range ballistic missile defenses around Paris, although they proved less successful in operation than in testing. The missile's service record was troubled; it saw many successes in open-water engagements but experienced difficulty with terminal guidance in cluttered areas.

Std. Upgrades/Accessories: Obsolescent

ASTER 18 (SURFACE-TO-AIR MISSILE)*

DAMAGE	AP	BLAST	SENS	AVAIL	COST
16P/20P**	-4	-4/M	2	32F	14,200¥

*Use the Missile Launcher range table, but Extreme Range is extended to 20 km.

**Anti-Aircraft Rockets have a DV of 20P against targets moving faster than 200m/Combat Turn, 16P against others

- The Aster 18 barely passed its initial qualification tests, although production-model tests went much better. The strange thing is that it normally occurs the other way around, as the manufacturer gets sloppy after the contract is signed.
- Cosmo
- The difference is contract language and some nationalism on the part of the company. Currently most weapons are manufactured by multinationals that have no loyalty beyond the contract and will never suffer if they provide a lack of quality. Back then, if a company made substandard weapons, they might end up on the wrong end of a strategic bombing raid.
- Mr. Bonds
- The French upgraded their ballistic missile defense a few years ago. They bought a dual-layer system with Ares and Saeder-Krupp interceptors.
- Slamm-O!

STORM SHADOW

The Storm Shadow was the first of a limited family of cruise missiles manufactured and sold throughout Europe. The weapon was air-launched with a hardened target-penetrating warhead. It was used primarily against field-command centers and supply depots by the Europeans and against critical road and rail links by the Jihadists. The European powers managed to restart production as their stockpiles were depleted while the Alliance switched to locally produced alternatives.

Std. Upgrades/Accessories: Obsolescent

STORM SHADOW (CRUISE MISSILE)*

DAMAGE	AP	BLAST	SENS	AVAIL	COST
20P	-5	-2/M	4	34F	400,000¥

The Storm Shadow is a cruise missile, with Targeting(Cruise Missile) 4

The Storm Shadow flies at a speed of 600 and has a BOD and ARM of 4.

*Use the Missile Launcher range table, but extend Extreme range to 250 km.

- The cruise missile is still in France's inventory. They have been using them as aerial targets for the navy. There is a new competition to replace it, although I'm not sure about the work level it will generate for us.
- Snopes
- There's always work when it comes to military contracts, although in this case it appears Aztechnology has it cornered.
- Baka Dabora

MAIN GUNS	DAMAGE	AP	MODE	RC	AMMO	AVAIL	COST
120MM*	16P	-6	SS	-	1(M)	22F	33,500¥
125MM*	16P	-5	SS	-	1(M)	22F	31,500¥
105MM*	14P	-5	SS	-	1(M)	21F	27,000¥
100MM*	11P	-3	SS	-	1(M)	20F	20,000¥
35MM AUTO CANNON**	9P	-2	FA	-	BELT	17F	28,000¥
30MM AUTO CANNON**	8P	-4	FA	-	BELT	15F	5,600¥
25MM ROTARY CANNON**	9P	-4	FA	-	BELT	16F	11,250¥
20MM GATLING CANNON**	8P	-3	FA	-	BELT	16F	7,800¥

MACHINE GUNS	DAMAGE	AP	MODE	RC	AMMO	AVAIL	COST
M-2HB	7P	-3	FA	-	BELT	15F	7,500¥
KORT	7P	-3	FA	-	BELT	15F	7,150¥
M-240	6P	-2	FA	-	BELT	14F	5,500¥
PKM	6P	-2	FA	-	BELT	13F	5,100¥
MG3A1	6P	-2	FA	-	BELT	14F	7,150¥
MG4	6P	-1	FA	-	BELT	12F	4,500¥
M-73	6P	-2	FA	-	BELT	14F	6,250¥

* Use Assault Cannon range table, extend Extreme Range to 3000m

** Use Assault Cannon range table

Vintage

The weapon is not compatible with modern electronics. This can be the result of outdated manufacturing techniques, physical age, or bad design. The weapon cannot utilize non-vintage electronic upgrades. Physical upgrades are possible, but require additional work, which costs twice the normal listed amount.

Obsolescent

The vehicle uses an older generation of software, hardware, or a combination of the two, resulting in less-sophisticated computing capabilities. The vehicle's device rating (p. 222, *SR4A*) is one less than what a comparable modern device's rating would be (to a minimum of 1); e.g., a drone with the obsolescent trait would have a rating of 2 rather than 3.

Obsolete

The vehicle uses an old version of control software (or maybe even none at all), rendering it incompatible with current remote control rigs and AR technology. It may be considered a traffic hazard or be

illegal to operate in certain jurisdictions. The vehicle does not possess the Rigger Adaptation Trait as standard. The vehicle's device rating (p. 222, *SR4A*) is three less than a comparable modern device's would be (to a minimum of 1), e.g., An M1A2 tank would have a device rating of 2, rather than the normal rating of 5 for military equipment.

Network Incompatible

This vehicle is not part of the wireless Matrix at any significant way. Hacking can affect communications but not any other portion of the vehicle. Jammers are similarly ineffective against a vehicle with this trait. The vehicle is only drivable through the use of manual controls as electronics are not integrated into the steering, throttle, or navigation systems.

Designator Dependent

The missile requires a designator of the appropriate type to "paint" its target. If there is no designator available all attack test with this missile suffer a -8 dice pool modifier.