

The Missing Layer

Why Data Fusion Sees Everything and Weighs Nothing

J. Konstapel, Leiden 16-9-2026.

1. The Claim

Western defense runs its analysis on data fusion. The dominant supplier is Palantir. This article makes one precise claim: fusion platforms see everything and weigh nothing. They lack a state theory — a way to say how loaded a system is, on which clock, and how that reading has performed against history. That missing layer can be built, it can be built in Europe on open sources, and a first working version exists. Its blind test results are in this article, false alarms included.

This is deliberately a small claim. It does not say Palantir should be replaced. It says every fusion platform, Palantir included, needs a weighing layer on top — and that the weighing layer is the only part of the stack that can be publicly verified.

2. What Palantir Is and Where It Stands

Palantir Technologies supplies data platforms and analysis tools used by governments and defense organizations. Its core products, Gotham and Foundry, connect large volumes of data from different sources — databases, satellites, drones, sensors, archives — and make them searchable and visual in one environment. On top sits AIP, an AI layer that summarizes, plans and alerts, using language models. Analysts and commanders get dashboards that surface patterns, risks and action points.

It stands deep inside the Western net. NATO declared Palantir's Maven Smart System technically fully operational in 2026, a year after purchase. The Netherlands has used Palantir software since 2010 and is currently evaluating Maven; the Dutch police followed a year after defense. This is not a vendor at the door. It is the nervous system.

Three architectural facts follow.

First, the results cannot be checked. Everything runs on classified data. Every claim about performance must be believed, because nothing can be reproduced outside the system.

Second, the platform is itself a weak mesh. One foreign closure carries the alliance's analytical nervous system, with no second path. Dutch officials say it openly: Europe needs its own platform for military data, and no alternative exists. In the vocabulary of the discharge framework: the command center violates its own redundancy rule.

Third, the supplier sits inside the deepest layer of the conflict it observes. Co-founder Peter Thiel stood at the base of the political career of the current US vice president. Company executives have been added to the US Army reserve as lieutenant colonels. This is not conspiracy. It is architecture: whoever supplies the screen co-decides what is visible.

3. Seeing Everything, Weighing Nothing

What does a fusion platform actually answer? It answers: *what is where, now*. Entities, relations, positions, merged into one picture. That is situational awareness — the topology of this moment. It is genuinely valuable and genuinely hard, and Palantir does it well.

What it does not answer: *how loaded is the system, and on which clock*. Fusion has an ontology — a scheme of things and relations. It has no physics — no theory of state. The weight of a signal comes from the analyst reading the dashboard, or from a language model summarizing it. Neither weight has ever been calibrated on one historical period, frozen, and tested blind on another. Neither publishes its false-alarm count. Neither can, because the data is closed.

The consequence is familiar to every analyst: a wall of screens, all current, none of them saying whether this month differs from last month in any tested sense. Everything is visible. Nothing is weighed.

4. The Weighing Layer

The weighing layer comes from a different tradition: treating conflict as a loading-and-discharge system.

The empirical basis is old and hard. Lewis Fry Richardson counted every deadly quarrel from 1820 to 1950 and found that war sizes follow a power law: small wars common, large wars rare, in a fixed mathematical ratio. Cederman confirmed it for interstate wars in 2003. Clauset, testing two centuries of data with modern statistics in 2018, put the exponent near 1.7. Earthquakes, avalanches and forest fires follow the same law. It is the signature of systems that load slowly, hold, and discharge suddenly — self-organized criticality, demonstrated by Bak, Tang and Wiesenfeld in 1987. A fault line has no intent. A fault line has a state.

On that basis, the weighing layer is built from four elements.

Two layers per system. The address is frozen topology: geography, borders, alliances, pipelines, cables, supply chains. The tension is the dynamic layer on top: armament, broken trade, sanctions, incidents, mood. The address can only be described. The tension can be measured and treated.

Four states. Loading, holding, discharge, rest.

Three laws, derived from a financial-market instrument built with the same method, where two loading layers survived frozen out-of-sample testing (blind AUC 0.698–0.751 across windows, beating the standard BIS benchmark) and several plausible candidates were eliminated by the same test:

1. Loading reads discharge, never price. The target is the transition event, not the level of any index.
2. Predictive information flows deep-to-shallow only. A slow layer can warn a fast one; the reverse never held.
3. Each layer warns on the horizon of its own closing time. One number for "war risk" is therefore structurally wrong. The output is a profile.

One discipline. Parameters are estimated on one historical period and frozen. The instrument then runs blind on periods it has never seen. The three results — what it saw, what it missed, what it falsely flagged — are published on the instrument's own page. Any layer that fails is removed, and the removal is published too.

That discipline is the product. No fusion vendor offers it. No fusion vendor can, on closed data. On open data it is the natural way to work — which turns open sources from a limitation into the weapon.

5. The Proof: A Working Prototype

A first version of the weighing layer was built for the Europe–Russia theater. Full disclosure of its construction, because the discipline demands it: the version 0 series are annual figures, hand-entered as approximate values from public sources — SIPRI for Russian military expenditure as a share of GDP, Eurostat for EU–Russia goods trade, the EU sanction records, and published tallies of Russia-attributed sabotage and hybrid incidents in Europe. The baseline was frozen on 2000–2010, a rest period. Every year after 2010 was read blind. No parameter was touched after freezing.

The blind readout:

February 2014 was seen. The armament layer stood on loading in 2012 (1.0 standard deviations above the frozen base) and 2013 (+1.5) — the rearmament program, two years ahead of the discharge, while trade and incidents were silent. Only the deepest layer saw it. That is law three, demonstrated on real history.

February 2022 was seen, with an honest asterisk. The incident layer stood on loading in 2021. The sanction regime stood on holding since 2014: after Crimea, the system never returned to rest. The armament layer flagged 2020, but that hit is partly an artifact — the layer measures a share of GDP, and the denominator shrank in the pandemic. The artifact is named on the instrument's page, with the fix (constant-price expenditure alongside the GDP share). And the direct run-up to 2022 — troop build-ups, the gas squeeze, the December ultimatum — ran on a weekly and daily clock that version 0 does not yet have. The prototype thereby proves its own third law: an annual clock cannot see a weekly loading. That defines the next build, it does not excuse this one.

One false alarm in fifteen blind years. The incident layer flagged 2018 — the Skripal year — with no discharge in the three years after. The count is published on the page. An instrument without a false-alarm ledger is not an instrument.

The current state. All layers above base and rising. Armament and incidents stand at the highest values of the entire series — the system is more deeply loaded now than before either previous discharge.

One day of work, approximate figures, and the mechanism stands. The point of a prototype is not precision. The point is that the discipline runs end to end and survives contact with real history.

6. The Fifth Layer: What No Platform Can See

The four layers above measure Russia's own loading. There is a deeper layer, and it does not sit in Russia's net. It sits in ours.

Its content is a doctrine — the metapolitical school that traveled from Nice in 1968 to Moscow in 1989 and returned to Europe carrying a state behind it. Its clock runs in generations: cadre schools, parties, street campaigns, laundered vocabulary, and finally schools that form children. Its medium is conviction.

That medium is why every existing instrument is blind here. Fusion platforms ingest events and transactions. A doctrine that is shared moves no money, ships nothing and detonates nothing.

Financial investigations of the movement's national branches keep producing the same double result: what is documented is real, and no foreign payments are found — because payment is not the transfer mechanism. The doctrine is. A platform built on transactions and events cannot represent this layer at all. It is not a gap in coverage. It is a category the ontology lacks.

Yet the layer becomes countable where the doctrine becomes votes. The prototype therefore carries a fifth layer: the vote share of the radical-right party family per national election, per country, against a baseline frozen on all elections up to 2013, with the rule fixed in advance — more than five points above the frozen base and rising is loading.

The blind readout across six countries: the Netherlands +16 points above base (26% in 2023), Germany +19 (21% in 2025, from near zero), France +15 (30% in 2022), Italy +29 (35% in 2022), Austria +10 (29% in 2024, on an already-high base), Sweden +17 (21% in 2022). Six out of six above threshold. Six out of six on loading.

That readout carries one conclusion the per-country headlines miss: the party layer is loading Europe-wide, not nationally and incidentally. One doctrine, one division of labor, six national expressions — exactly what a single deep layer predicts, and exactly what six separate national debates cannot see.

What this layer does not measure, stated plainly: the doctrine itself. The direct observables are institutional and linguistic — the founding rhythm of cadre schools, schools and foundations in public registers; speaker overlap across the movement's conferences; vocabulary laundering measurable in news corpora as one term replaces another. The sources exist (party classifications, election archives, the EU disinformation case database, open media corpora, chamber-of-commerce registers). Nobody runs them as a standing meter. That is the build list.

7. The European Opening

Europe is currently having exactly the discussion this instrument answers. Member states say military data should be under European control and that a future analytical platform for European forces should come from Europe — while acknowledging that no alternative to the American supplier exists. Meanwhile a Dutch pension fund divested from that supplier over the ethics of its business, and parliaments debate a dependency they cannot yet replace.

The weighing layer is the European answer that is buildable now, because its strength requires open sources. Open data is what makes frozen calibration publicly checkable. Public checkability is what closed platforms can never offer. And the fifth layer — influence per country — is the measurement a European instrument must own, because it measures Europe's own meshes.

The precise position, for any table where this is discussed: this does not replace data fusion. This is the layer that should run on top of every fusion platform — including Palantir itself — and the only layer of the stack that can be independently verified. Whoever supplies the weighing layer defines what counts as a warning. That is a smaller claim than "competitor," and a far stronger position.

8. Status Ledger

- **Fact.** War sizes follow a power law across two centuries (Richardson 1960; Cederman 2003; Clauset 2018); power laws are the signature of loading-discharge systems (Bak–Tang–Wiesenfeld 1987). NATO operates Palantir's Maven Smart System; the Netherlands has used

Palantir since 2010; European officials state no European alternative exists. Two financial loading layers built with the frozen-blind method beat their benchmark out-of-sample.

- **Measured, version 0, approximate inputs.** The blind readout of the prototype: 2014 seen two years ahead by the armament layer; the held state before 2022 visible; one false alarm in fifteen blind years; all layers loading in 2025; the party layer loading in six of six countries.
- **Reading.** Fusion as address-layer machinery without a state theory; deterrence as engineered holding; the doctrine as a fifth layer invisible to transaction-based platforms.
- **Extrapolation.** The full multi-country instrument with live sources, weekly and daily layers, synchronization measurement, and the institutional and linguistic observables of layer five. Every part faces the same frozen-blind test, and every part that fails will be removed and reported.

References — annotated

Lewis Fry Richardson, *Statistics of Deadly Quarrels* (1960). Why read this: the founding count. The power law is on the page, computed by hand, decades before the theory existed. Reading advice: the magnitude tables first.

Aaron Clauset, "Trends and Fluctuations in the Severity of Interstate Wars," *Science Advances* 4 (2018). Why read this: the modern statistical verdict on two centuries of war data, with the sober warning that the post-1945 peace is too short to prove the distribution changed.

Lars-Erik Cederman, "Modeling the Size of Wars: From Billiard Balls to Sandpiles," *American Political Science Review* 97 (2003). Why read this: the explicit bridge from Richardson's count to self-organized criticality, and a model of interstate competition that reproduces the measured exponent.

Per Bak, Chao Tang, Kurt Wiesenfeld, "Self-Organized Criticality," *Physical Review Letters* 59 (1987). Why read this: four pages that anchored the loading-discharge picture in physics. The sandpile is the fishnet in the vocabulary of the 1980s.

Krivelyova & Robotti's storm-window study and its elimination. Why read this pair — the original Atlanta Fed working paper "Playing the Field" (2004) next to its removal from the MAZE financial instrument: the six-day geomagnetic window looked strong in-sample and failed the frozen blind test. It is the cleanest available demonstration that the discipline removes attractive hypotheses, including its own.

Follow the Money, reporting on Dutch defense and police use of Palantir (2025). Why read this: the documented depth of one country's dependency — contracts since 2010, scope broader than previously known — and the supplier's political entanglement, from primary reporting rather than commentary.

NOS, "NAVO neemt AI-systeem van Palantir in gebruik" (2026). Why read this: the operational status of Maven Smart System at NATO and the on-record Dutch position that a European platform should exist and does not. The sovereignty opening, stated by the state itself.

J. Konstapel, "What Defense Buys When War Is a Discharge" and "A Complete Framework for Conflict Resolution via Resonant Coherence Architecture" (constable.blog, 2026 / 2025). Why read this: the first two panels of the triptych — the diagnosis (what the billions buy) and the treatment (how genuine de-escalation is architected). This article is the third panel: the instrument.

J. Konstapel, "The Long Circuit" (constable.blog, 2026). Why read this: the reconstruction of the fifth layer — Nice 1968, Moscow 1989, Vienna 2014, and the five-layer division of labor that ends in a classroom. The layer this article makes countable.

The PopuList (populist.org) and the Manifesto Project (manifesto-project.wzb.eu). Why read this: the open scientific infrastructure for layer five — party-family classification across Europe over time, and party programs coded since 1945. The vote-share meter and the vocabulary meter, waiting to be run as instruments.