

Civilization Vertical Signal Portfolio

A cross-industry map of where Nova can surface continuity failures across major civilization-scale operating systems.

Vertical lattice

Vertical	Continuity break Nova can expose
CPG / Retail	Demand volatility, inventory translation, channel conflict, margin leakage
Finance / Capital Markets	Model risk, liquidity interpretation, governance latency, decision auditability
Insurance	Claims leakage, underwriting drift, fraud signal translation, customer trust gaps
Healthcare	Care pathway drift, prior authorization friction, records fragmentation, handoff loss
Space / Aerospace	Program complexity, supplier timing, safety gates, launch-readiness continuity
Energy / Utilities	Load growth, interconnection latency, dispatch timing, infrastructure bottlenecks
Nuclear	Regulatory sequencing, safety case continuity, workforce knowledge transfer
Defense / National Security	Mission assurance, procurement lag, intelligence-to-action continuity
Logistics / Supply Chain	ETA drift, exception handling, fragmented inventory and carrier data
AI Infrastructure / Data Centers	Compute, power, cooling, grid access, model/runtime coordination
Government / Institutions	Policy-to-execution drift, citizen service handoffs, institutional memory loss

Common invariant across verticals

The same pattern repeats across industries: signal volume rises, tool complexity increases, decision context fragments, authority slows, and execution loses coherence at the boundaries. Nova positions this as a cross-domain continuity problem rather than a siloed software problem.

Source and usage note

McKinsey, Superagency in the workplace (2025): Reports that almost all companies invest in AI, while only 1 percent believe they are at maturity.

PwC, 2026 Digital Trends in Operations Survey: Reports 89 percent of operations leaders say technology investments have not fully delivered expected results and 87 percent say poor data quality has impacted digital value.

IEA, Energy and AI (2025): Projects global data center electricity consumption to roughly double to about 945 TWh by 2030 in its base case.

Reuters, Battery storage firms eye AI demand (2026): Reports grid interconnection delays and AI data center power growth as a major constraint for energy/storage deployment.

This document uses public-signal analysis and scenario-based continuity modeling. It does not claim private client access, confidential data, or inside information.