

PERATON[x]™

Agentic Intelligence and Automation for the Mission

THE WORLD'S FIRST ENTERPRISE AGENTIC AI PLATFORM HAS ARRIVED

No true enterprise AI has existed—until now. Peraton[x]™ is the world's first enterprise agentic AI platform—purpose-built to deliver superhuman reasoning across volumes of mixed enterprise data types. Engineered for the highest-consequence environments, Peraton[x] is a full-spectrum, composable AI platform that ingests, analyzes, and models the full range of unstructured data via plain-language prompts, delivering predictive intelligence, continuous risk assessment, spatial and temporal analysis, and enterprise digital twin capabilities. Think of it as a superpower for your entire organization: always on, always sensing, always identifying gaps and risks before they emerge.

MAPPING AND OPTIMIZING YOUR ENTERPRISE IN REAL TIME

Peraton[x] solves a fundamental challenge facing today's organizations: ever-growing volumes of unstructured, multimodal data that never become actionable. Peraton[x] delivers superhuman reasoning across those mixed data types and transforms that raw information into modeled intelligence that directly supports decision-making.

And Peraton[x] doesn't stop there. The platform exploits that dynamic data to render the state of any enterprise in real time—making the digital twin a rapid reality. The result: a completely new way to plan, operate, and improve complex human endeavors, turning data into insights.

Developed inside Peraton Labs—Peraton's in-house R&D arm whose roots trace back to Bell Labs—Peraton[x] is not a single monolithic tool. It is a system of intelligent agents that can be assembled, orchestrated, and scaled to match the specific demands of your mission, your data, and your operational tempo. Using plain English queries, mission professionals initiate intelligent AI services from those agents directly.

SUPERHUMAN INTELLIGENCE DEPLOYED ACROSS YOUR OPERATIONS

Agentic Workflow Orchestration

Peraton[x] orchestrates autonomous agents across the full lifecycle from data ingestion through analysis, workflow execution, and output delivery. Thanks to agents that coordinate across data access, reasoning, computation, and reporting—all without manual intervention—Peraton[x] creates and runs complex analytical workflows that traditionally require dedicated development teams and months of integration effort.

Dynamic Ontology & World Modeling

The platform automatically constructs dynamic ontologies and world models with deep contextual understanding—learning the relationships, entities, and meaning behind your data, not just the words on the page. It maps organizational knowledge structures on the fly, eliminating the rigid, pre-defined data ontologies that slow traditional systems and require expensive re-engineering when mission needs change.

Enterprise Digital Twin

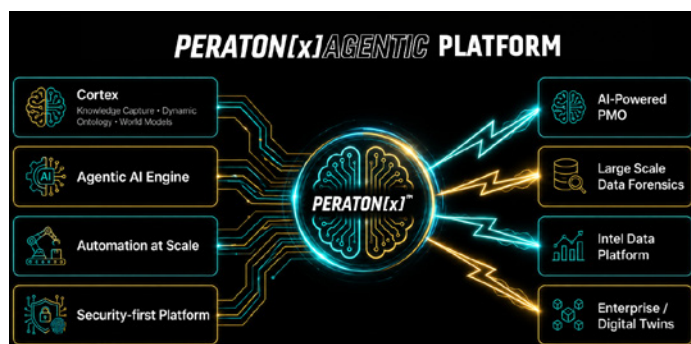
Peraton[x] makes the enterprise twin a fast reality. A new approach to enterprise modeling, it delivers high-recency rendering of the operational environment with streamed data. Fast Fuzzy Twins™ iterate into curated Precision Models—providing a living model that evolves in real time.

Integrated Analysis & Reasoning

The platform delivers predictive intelligence, continuous risk assessment, spatial and temporal analysis, plans-versus-actuals evaluation, trend identification, and anomaly detection. It extracts business process logic from enterprise documentation—performing sophisticated forensics or routine production of operational data products. Every analytical assertion comes with direct source attribution, traceable to the exact source material.

Rich Output & Visualization

Peraton[x] produces a full range of mission-ready outputs on demand through plain English requests: interactive dashboards with drill-down capability, Gantt charts and project schedules, geospatial map overlays, risk matrices, performance trend analyses, variance reports, automated briefing products, and data-driven charts and graphs generated directly from complex datasets.



CORTEX—MISSION KNOWLEDGE, ACTIVATED

Cortex is the platform's mission-specific knowledge layer—curated, version-controlled knowledge bases that scope the platform's intelligent agents to a specific domain, program, or operational area. Rather than waiting months for a traditional system integration to model your environment, Cortex lets you bring your domain knowledge and put it to work immediately. Your organization's institutional expertise becomes an operational asset on day one.

New knowledge sources can be added and activated, giving mission owners the ability to operationalize what their people already know at the speed the mission demands, without waiting for the enterprise to catch up.



BUILT FOR THE WORLD'S MOST CRITICAL MISSIONS. READY FOR YOURS.

Fast, adaptive, and accessible to non-technical users, Peraton[x] operates across an unparalleled array of mission sets. Continuously ingesting, reasoning, and acting across structured and unstructured data at a scale no human team can match, it discovers what you didn't know to ask, predicts what's coming, and orchestrates action—all in plain English, all in real time.

- **Intelligence & Situational Awareness** — Correlate, monitor, alert, and recommend across diverse data sources; generate geospatial overlays and temporal analyses for operational planning and threat assessment
- **Program & Portfolio Oversight** — Extract and reconcile schedules, contracts, and performance data; critical path analyses, variance reports, and automated status briefings. The AI-Powered PMO suite makes your program teams superhuman—handling data at machine speed while keeping humans in the loop making the critical decisions. The result: a 100x multiplier.
- **Acquisition & Compliance** — Continuous automated evaluation against policy requirements and contract terms with adherence monitoring, audit trail generation, and deviation alerting

- **Risk Management & Prediction** — Real-time risk interrogation, statistical failure prediction, automated mitigation planning, and multi-domain risk assessment with visual risk matrices and trend tracking. Risks are identified, scored, and escalated in real time, not at the next quarterly review
- **Operational Automation** — Automate routine data product generation, reporting, and compliance workflows; accelerate onboarding and reduce dependency on technical specialization
- **Document Forensics & Discovery** — Deep analysis of contracts, plans, and records to surface hidden relationships, inconsistencies, and patterns across large, complex document sets
- **Financial Management & Forecasting** — Budget tracking, cost optimization, variance analysis, and predictive financial modeling with rapid strategic response to emergent requirements

THE PERATON[x] ADVANTAGE

Immediate Operational Value

Peraton[x] adapts to your current enterprise IT environment and works with it—no re-engineering required. With Peraton[x], your organization's domain knowledge becomes an operational asset immediately, delivering analytical capability from day one.

Mission Workforce Empowerment

Peraton[x] does not replace people. It makes them superhuman. The platform puts the power of agentic automation directly in the hands of mission professionals, eliminating the bottleneck of specialized development teams. Peraton[x] handles the data—people make the decisions.

Proactive Intelligence Operations

Instead of reacting to problems after they surface, Peraton[x] enables proactive, AI-orchestrated intelligence operations. The platform continuously correlates, monitors, alerts, and recommends—identifying gaps and risks before they emerge.

Enterprise-Grade Security

Built to FedRAMP Moderate security standards with a Zero Trust architecture from the ground up. Multi-factor authentication, end-to-end encryption, and role-based access control ensure the platform is ready for federal and enterprise environments where security is the baseline, not an afterthought. All of it informed by Peraton's decades of supporting the Federal government's most critical missions worldwide.