FROM RAW TELEMETRY TO AI-READY SIGNAL: DYNAMIC DATA FUSION

INTELLIGENT DATA INGESTION AND ENRICHMENT ENGINEERED FOR SELF-HEALING IT OPERATIONS

Predictions fail. Recommendations miss. Automation misfires. Not because of bad AI — because of bad data. Yet most platforms treat machine learning as a downstream add-on, bolting analytics onto data long after it is collected. Grok's Dynamic Data Fusion changes that — fusing data preparation and intelligence at the source, transforming raw, fragmented telemetry into the structured, enriched, model-ready signal that predictive, agentic, and self-healing IT operations demand. Every action taken, every incident resolved, and every operator decision feeds back in — continuously sharpening what the platform detects, recommends, and automates over time.

Overview

Agentic AI is only as good as the data beneath it. Prediction, causal reasoning, and autonomous remediation all depend on signal that is clean, normalized, enriched, and continuously refreshed — and that is precisely where most platforms fall short. Raw telemetry arrives noisy, duplicated, inconsistent across systems, and stripped of business context. Feed that into even the most advanced model and the output is unreliable.

Grok Dynamic Data Fusion closes that gap. It ingests telemetry, including but not limited to, events, alarms, logs, metrics, incidents, and changes from across your environment, then cleanses, normalizes, maps, and enriches them into structured inputs ready for real-time machine learning and automated action. Unlike platforms that treat ML as a bolt-on, Grok fuses data preparation and intelligence at the source — turning complexity into clarity, and alerts into outcomes.

The result is an AI-readiness layer that makes everything downstream measurably better: sharper detection, earlier prediction, more confident automation. As Grok's Cognitive AI engine learns before, during, and after every incident, Dynamic Data Fusion ensures it always learns from signal-rich, model-ready data.

Interested Learning More? Contact **info@grokstream.com**

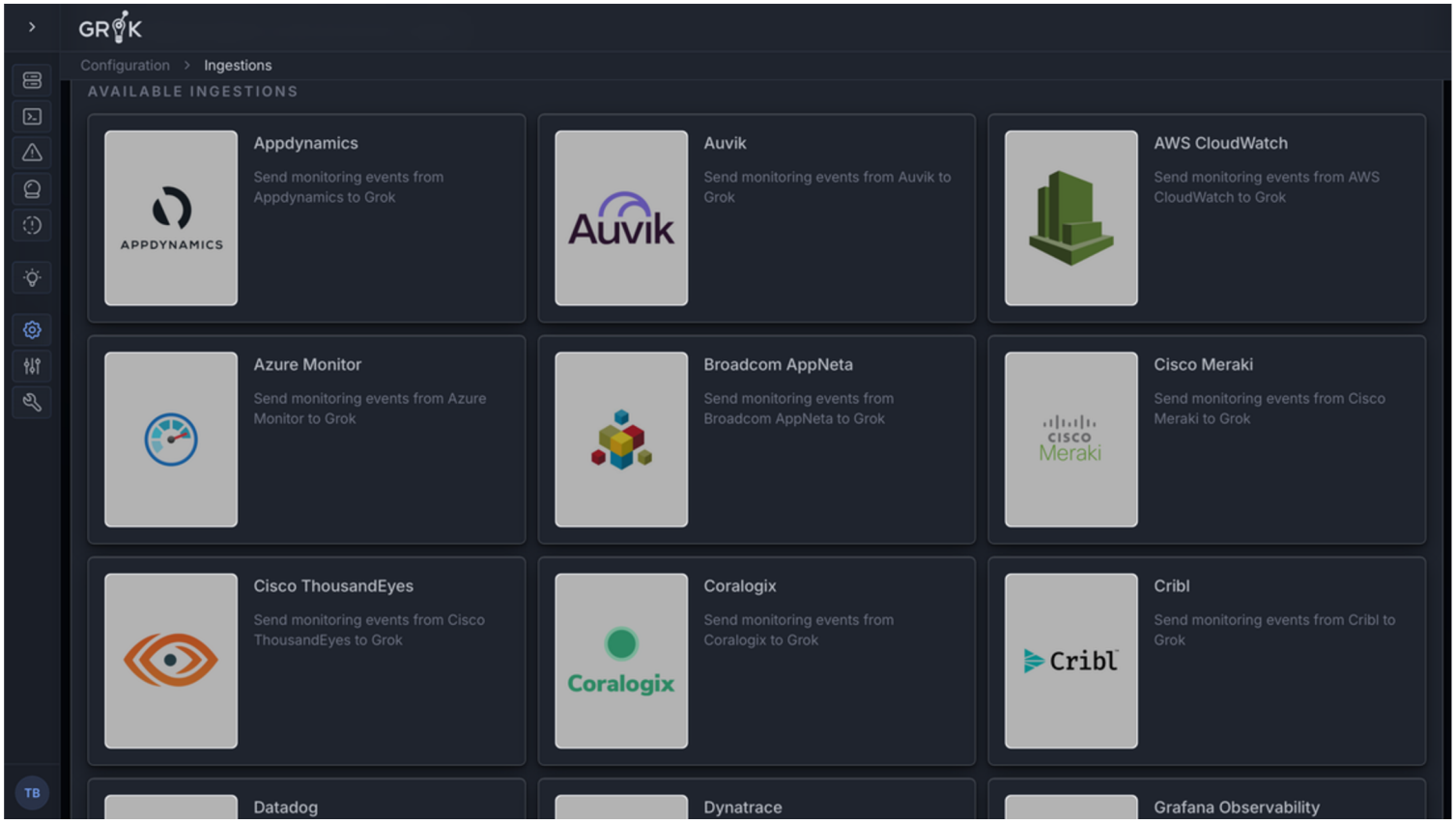
BUILT FOR SELF-HEALING IT OPERATIONS

Grok Dynamic Data Fusion does more than move and clean data. It is built to ensure the Cognitive AI engine always has the signal quality it needs to act, not just observe. It:

- Prepares and optimizes data specifically for predictive modeling and early anomaly detection — treating anomalies as leading indicators, not post-incident flags
- Automates the entire data pipeline from collection through contextual enrichment, eliminating manual intervention between raw telemetry and AI-ready signal
- Enables scalable, real-time ML at the core of incident prevention and autonomous remediation — continuously refreshed as your environment evolves

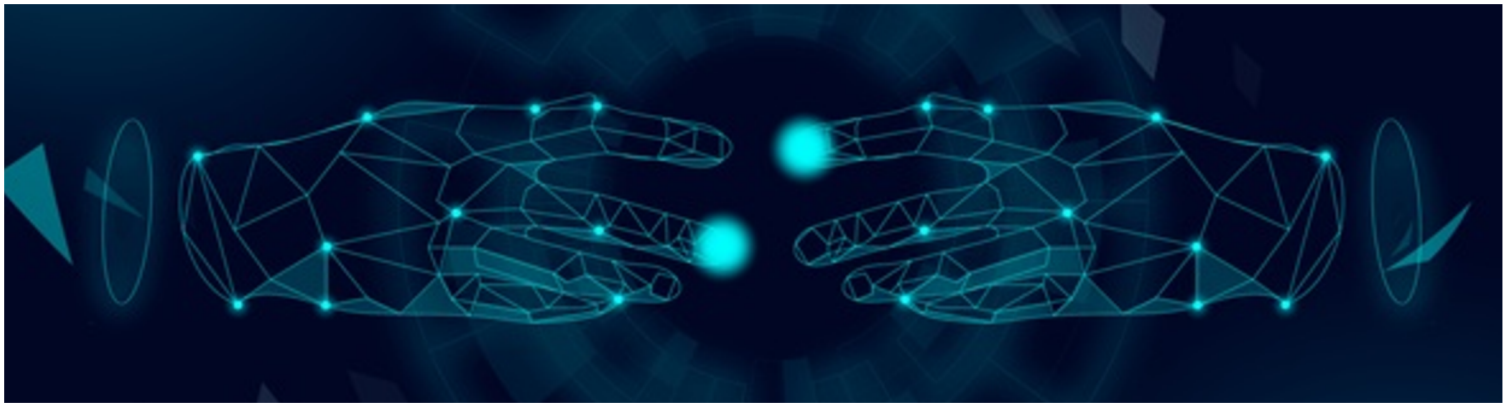
A DUAL-LAYER INGESTION FRAMEWORK

GrokConnect	GrokOmni
Intuitive, no-code workflows for rapid onboarding. Connect to observability, ITSM, and automation tooling and normalize incoming streams through a visual interface - no ETL scripting or data-science toolkits required. Supports bidirectional sync for outbound workflows.	Deep, customizable integration for complex environments. Combine diverse sources — billing, OSS, inventory, BMS/DCIM — and tailor transformation and enrichment logic to your operational model and schema.



CORE CAPABILITIES

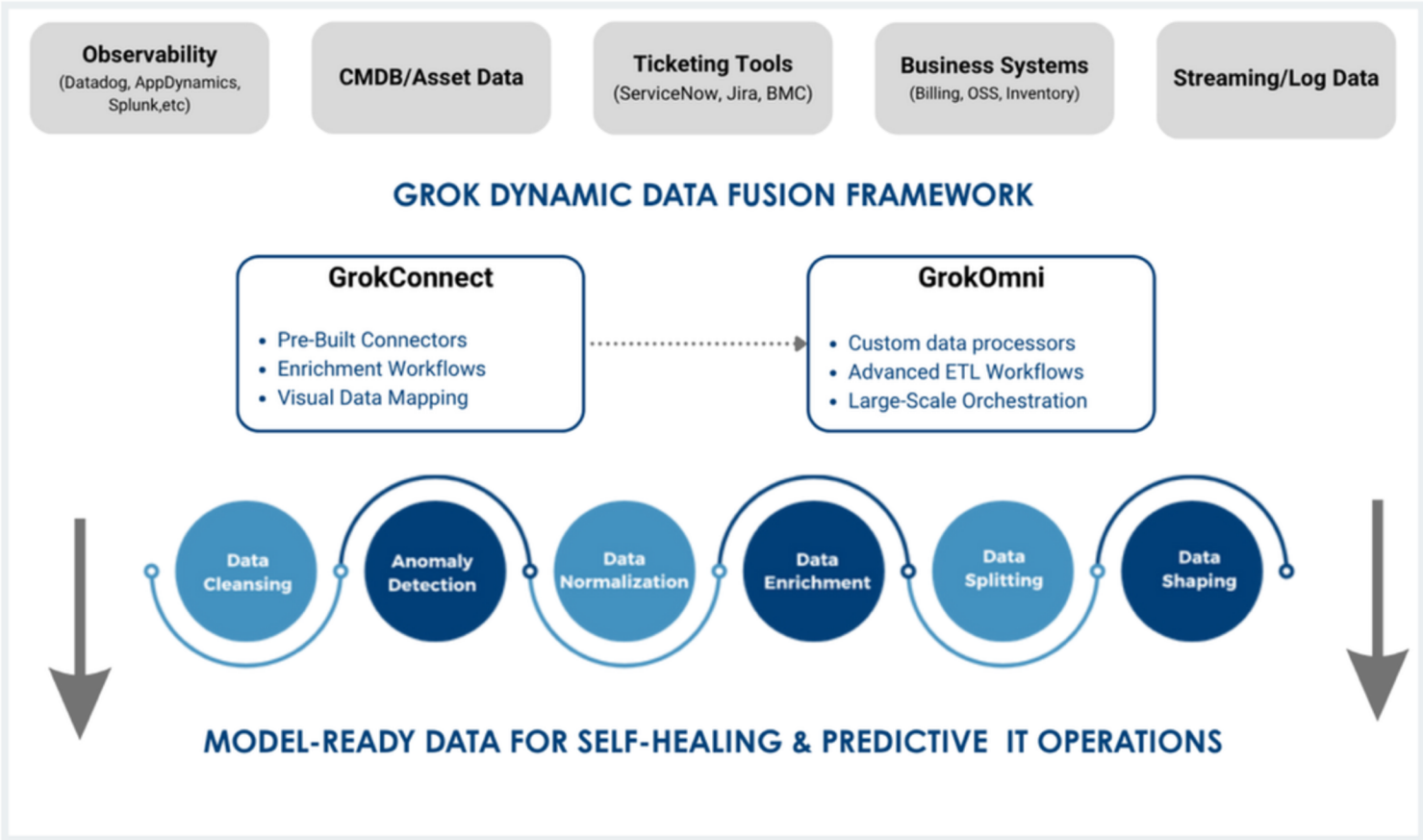
Capability	What it Delivers
Plug-and-Play ML Ingestion	Connects to any event or telemetry stream and starts ingesting immediately — no custom coding or toolkit overhead
Data Cleaning	Eliminates inconsistencies, duplicate records, and missing values at the source
Data Normalization	Standardizes values across systems to ensure model-ready consistency
Data Mapping	Translates source fields into Grok's model schema through an intuitive visual interface
Data Splitting	Segments operational data by geography, business unit, or customer — ideal for service providers
Early Anomaly Detection	Uses anomalies as leading indicators—not post-incident flags
Data Enrichment	Layers in topology, ownership, and business context from CMDBs and external sources
Data Shaping	Transforms telemetry into signals AI models need to detect, reason, and act



WHAT MAKES GROK DIFFERENT

Compared to traditional platforms that bolt on analytics after the fact, Grok integrates intelligence into the entire data flow. Here is how Grok stands apart:

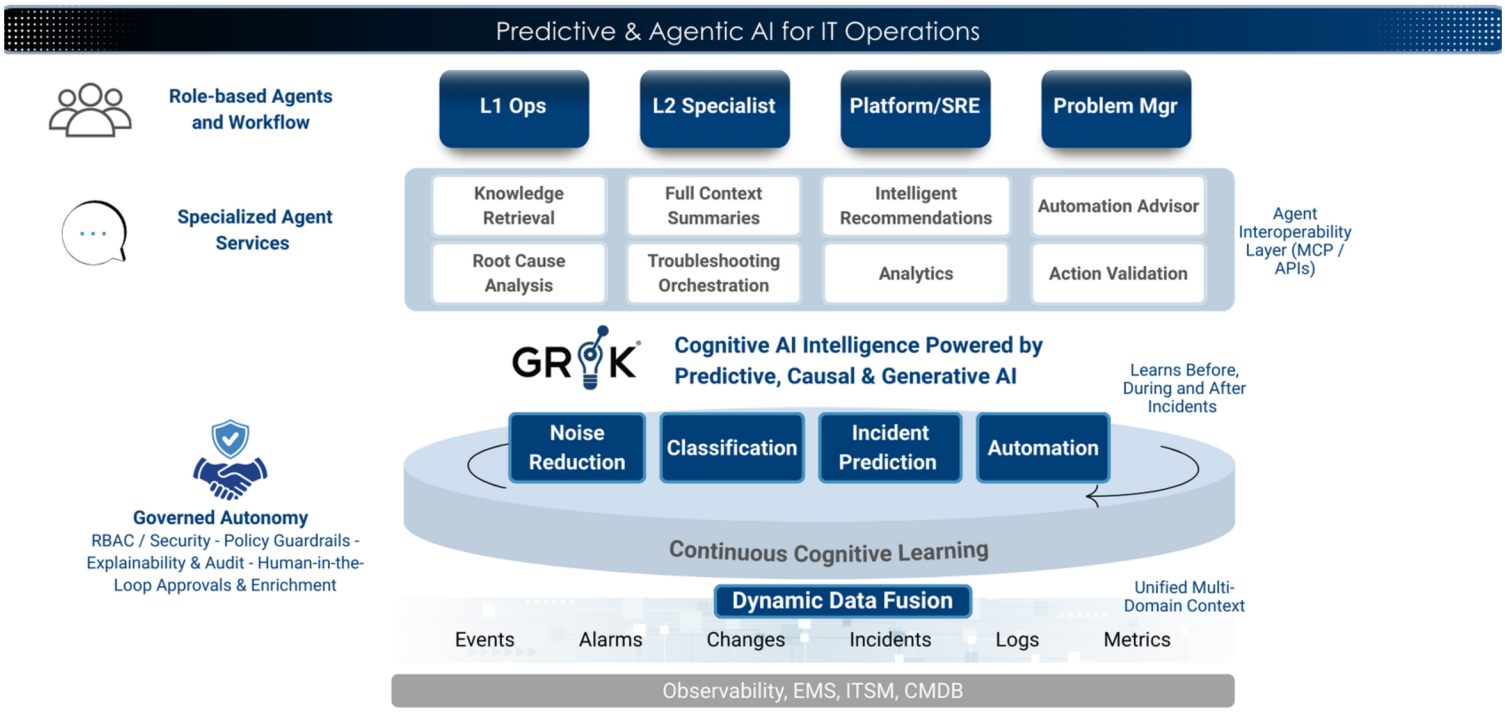
- **Machine-learning ready out of the box.** Integrated ML automatically transforms raw input into model-ready data — no toolkits or data scientists required.
- **Anomaly detection done right.** Others use anomalies to trigger alerts. Grok uses them to prevent incidents, catching subtle patterns and early signals before they escalate.
- **Visual-first transformation.** Cleansing, normalization, and mapping happen through an intuitive interface — no complex ETL or scripting.
- **Field-tested for scale and precision.** Designed for environments with billions of events per day, handling both real-time stream processing and historical context.
- **Self-healing focus.** Every transformation, rule, and enrichment is engineered to enable autonomous remediation — not just human response.



HOW GROK WORKS

Grok operates as a cognitive AI layer across your environment, ingesting signals, learning continuously, and orchestrating agent-driven actions across IT Operations and ITSM.

- **Ingest & Unify Signals -** Grok ingests events, alarms, logs, metrics, incidents, and changes through Dynamic Data Fusion, creating a real-time, unified operational context across systems.
- **Learn & Reason Continuously -** Using predictive, causal, and generative AI, Grok learns before, during, and after incidents, improving detection accuracy, understanding relationships, and building a continuously evolving model of your environment.
- **Detect, Predict, and Decide** - Grok compresses noise into actionable detections, classifies issues, and identifies risks hours in advance, delivering context-rich insights, root cause analysis, and recommended actions.
- **Orchestrate Agent-Driven Workflows -** Role-based agents (L1, L2, SRE, and Problem Manager) leverage specialized agent services to triage, investigate, and resolve issues, coordinating actions across tools and workflows.
- **Execute with Governed Autonomy -** Actions are executed through automation and orchestration, with human-in-the-loop approvals, policy guardrails, and full explainability, progressing toward self-healing IT operations.



ABOUT GROKSTREAM

Grokstream delivers predictive, agentic, and self-healing IT operations through a cognitive AI platform that continuously learns from signals, incidents, actions, and outcomes. Built for rapid deployment and seamless integration, Grok enables organizations to move from reactive operations to autonomous, outcome-driven performance. We partner with high-growth and large enterprises across oil and gas, data center, fintech, and other industries, as well as CSPs and MSPs—supporting mission-critical, real-time environments where reliability, scale, and customer trust are non-negotiable. Contact us at info@grokstream.com to learn how to modernize your IT Operations.