

Unlock the Full Power of Your APM

with AI-Powered Asset Insights

Transition from time-based to predictive maintenance by **digitizing the hidden data** of your infrastructure.

The Blind Spot in Traditional APM:

While your Asset Performance Management (APM) system can detect anomalies in your infrastructure, its reliance on condition monitoring creates a massive blind spot for 30+ year-old aging assets. When crucial health information remains trapped in unstructured handwritten logs or distributed across various siloed systems. Digitizing and integrating this hidden legacy data is essential to unlock your APM's full ROI and prevent costly, unplanned outages.



GlobalLogic's **AI-Powered Asset Insights framework** bridges this gap by acting as an intelligent extension to your APM. Utilizing an Agentic AI workflow, it autonomously extracts, digitizes, and **fuses both live telemetry and unstructured records into a unified Asset Data Layer**. By continuously feeding this newly synthesized data directly back into your APM's physics-based models, our AI agents close critical data gaps **to enable highly accurate dynamic health scoring** and Remaining Useful Life (RUL) calculations.



GlobalLogic's Asset Insights unlocks your ability to **see highly practical findings** "in between the lines" of data

Our Key Differentiators & Capabilities:

Agentic AI Automation:

Dedicated Data Agents autonomously extract live operational data, correlate events, detect anomalies, and trigger localized alerts.

Semantic Digital Twins:

Utilizes IEC-61850 Semantic Integration to give context to your grid assets that generic AI systems simply do not possess.

Reliable, Deterministic AI:

Moving beyond the probabilistic "guesswork" of standard LLMs. We map codified engineering logic and causal graphs to ensure 100% adherence to safety and physics constraints, critical for high-reliability organizations.

Human-in-the-Loop Annotation:

A scalable framework where every labeled case from human experts continually improves the AI models across your entire ecosystem.

Business Outcomes & Value Added



Faster Decision Making:

Edge-to-cloud computing enables quicker responses to asset issues.



Better Asset Reliability:

Significant reduction in unplanned downtime by catching degradation (like insulation wear or contact failure) early.



Lower Maintenance Costs:

Shift from fixed-schedule interventions to precise, condition-based maintenance.



Unified Ecosystem View:

Break down fragmented data silos for a single, comprehensive view of asset health across all stations.

***ISG** Provider Lens™
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Lets engineer **AI-powered Asset Performance Management systems** with Asset Insights



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