

Meet the Ovation™ Alarm Insight Agent

The **Ovation Alarm Insight Agent** helps operators focus on the alarms that matter most, reducing alarm overload and enabling faster, more confident decisions.



The Challenge

Excessive alarms overwhelm operators, making it difficult to identify and respond to critical events.

- Alarm floods generate hundreds of alerts at once, making it impossible to identify the root driver
- Chattering and nuisance alarms create constant noise that masks critical signals
- Alarm rationalization is slow, manual, and perpetually behind schedule



The Solution

The Ovation Alarm Insight Agent acts as a real-time intelligence layer over the native alarm system.

What It Does

- Monitors the native Ovation system alarm stream in real time with no changes to existing alarm presentation
- Enriches every alarm with process context, related alarms, asset hierarchy, and sequence state
- Automatically generates first-level guidance explaining what is happening, why it matters, and what to check first
- Detects floods and cascades, collapsing them into focused summaries that highlight primary drivers
- Identifies chattering, stale standing, and duplicate alarms and generates evidence-backed rationalization packages



How It Delivers Value

Reduce Alarm Burden

- Eliminates nuisance alarms through evidence-based rationalization
- Reduces operator cognitive load during high-alarm periods

Accelerate Response

- Provides first-level guidance the moment an alarm appears
- Helps operators resolve alarm floods faster by identifying the likely driver and recommended action

Streamline Rationalization

- Generates rationalization packages ready for engineering review—no spreadsheets required
- Measures and validates alarm performance improvements over time

Capture Knowledge

- Captures advisory outcomes and effective resolutions for future reference
- Surfaces relevant historical cases to accelerate troubleshooting

Ovation Alarm Insight Agent



Why It Stands Out

- Provides instant context, explaining why an alarm matters and what requires attention
- Collapses alarm floods into prioritized summaries with root causes highlighted
- Automatically classifies nuisance alarms and prepares them for engineering review
- Works within the existing alarm interface for seamless, zero-disruption deployment



Product Snapshot

- Requires Ovation 4.0 with Ovation Virtual Advisor
- On-prem GPU infrastructure powering proprietary Large Language Models (LLMs)
- Operates within the security of Ovation highways' closed networks
- Subscription-based licensing (1, 3, and 5 years)

Are You Ready to
Start Your AI Journey?

We are.

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