

NodeSource Launches N|Sentinel AI to Redefine Node.js Observability, Showcasing at Web Summit Vancouver 2025

Seattle, WA– May 27, 2025 – NodeSource has launched N|Sentinel, an AI-powered observability service that redefines how Node.js teams monitor and diagnose application performance — and will showcase it live at Web Summit Vancouver, taking place May 27–30, 2025, at the Vancouver Convention Centre. This launch builds on NodeSource’s momentum from Web Summit Lisbon in November 2023, where the company introduced the first Node.js-specific observability AI Copilot. Since then, NodeSource has developed a proprietary agentic model explicitly designed for Node.js environments, setting a new standard in intelligent application diagnostics.

“This is the next step in the evolution of software development. We are transforming the future — where we will experience self-healing software by combining source code and production observability to automate the continuous improvement of code,” said Russ Whitman, CEO of NodeSource.

N|Sentinel: AI-Driven Observability Built on Real-World Production Data

Now fully integrated into the N|Solid platform, N|Sentinel combines deep, runtime-level insights from live production environments and its agentic service, giving development teams a smarter, faster way to understand and resolve performance issues.

Key capabilities include:

- **AI-Powered Diagnostics** – Instantly identify and resolve performance issues with real-time, actionable insights.
- **Context-Aware Code Suggestions** – Receive AI-generated mitigation steps and generate code tailored to your application’s actual runtime data.
- **Smarter Debugging Workflow** – A streamlined assistant interface helps developers triage, proactively identify, and fix issues faster — without leaving the console.

Unlike traditional APMs, N|Sentinel is built specifically for Node.js, the most widely used web technology framework today. It leverages observability data directly from production via N|Solid, enabling precise, context-rich diagnostics and proactive performance management.

“This novel approach from NodeSource is a game changer for software and DevOps teams; it massively reduces the time to resolve issues while keeping the human in the loop,” **stated** Rob Duffy, CTO of HealthEdge and an advisor to NodeSource.

Live at Web Summit Vancouver 2025

As part of the Web Summit startup program, NodeSource will demo the latest innovations in N|Solid 6.1.8, including N|Sentinel and UX enhancements like refined tooltip styling and a redesigned Copilot interface. Attendees can see firsthand how NodeSource is pushing the boundaries of intelligent observability for modern Node.js applications.

About NodeSource

NodeSource delivers enterprise-grade solutions for Node.js performance, security, and reliability. Trusted by developers and DevOps teams globally, NodeSource helps organizations run critical applications with confidence, visibility, and control.

To learn more about N|Sentinel or to request a live demo during Web Summit Vancouver, visit nodesource.com or connect with the NodeSource team at the event.

