Company Description
NodeSource is the Node.js company. Node.js powers the software we use every day, from web, mobile, and desktop applications to API back-ends, connected devices, and even robots. Valued for enabling increased agility, Node.js is growing in popularity as part of the long-term technology plans in many organizations.

NodeSource helps organizations run production-ready Node.js applications with greater visibility into resource usage and enhanced awareness around application performance and security. We empower organizations of all sizes to successfully adopt and integrate Node.js by providing products and services that enable teams to build, manage, and analyze mission-critical applications.

Product Profile
N|Solid is a drop-in replacement to the open source Node.js runtime. It provides unparalleled visibility into the behavior and health of your applications, and offers ongoing protection with real-time security vulnerability monitoring and alerts. N|Solid is the ideal choice for development and operations teams who work with mission-critical Node.js applications.

Overview
N|Solid is a fully-compatible alternative to the Node.js runtime that provides enhanced security and low-impact monitoring.

Executive Summary
Build for the modern digital era and create a competitive advantage by delivering a better end-user experience. N|Solid is enhanced to help you build, manage, secure, and analyze mission-critical Node.js applications.

Statement from Partner
“As organizations seek the benefits of technology modernization, more and more applications are running in containers. NodeSource is dedicated to collaborating with Red Hat to make it easy and cost-effective to run Node.js applications in a containerized environment,” said Thomas DeMeo, CEO of NodeSource. “Red Hat container solutions like OpenShift are a key part of this digital transformation story, and NodeSource’s low-impact performance monitoring for Node.js can help Red Hat customers monitor and debug applications running in a containerized environment.”

Statement from Red Hat Connect
“Developers and architects looking to build new applications in, and for the cloud, or migrate existing applications to a cloud-based infrastructure, partner with Red Hat to develop and deliver more supportable solutions sooner,” said Mike Werner, Sr. Director, Global Technology Partners, Red Hat. “Red Hat certification assures a supportable platform for all types of customer deployment models. Red Hat is thrilled to work with software partners like NodeSource, resulting in the world’s largest open, and commercially supportable application ecosystem.”
Product Benefits

• **Low-impact monitoring.** With N|Solid, there’s no need to sacrifice performance in order to monitor your Node.js applications. A low-impact native C++ agent runs on its own thread alongside your application with direct access to the internals of Node.js.

• **Faster debugging and issue resolution.** Advanced Node.js monitoring, customizable alerts, and process-level detail help you pinpoint and resolve issues faster.

• **Real-time awareness.** Customizable real-time alerts delivered by email or via webhook integration instantly notify your team, and can be configured using any of more than 50 quantitative metrics.

• **Flexible integrations.** N|Solid makes it easy to send Node.js performance data directly to any StatsD-compliant system, allowing teams to analyze application behavior in existing dashboards without disrupting existing workflows.

Use Cases

• **High-performance applications.** NodeSource provides tools for profiling application performance and supports workflows that offer real-time insight into application behavior.

• **Microservices and API Integration.** Capture heap snapshots and CPU profiles and troubleshoot event loop lag even for short-lived and frequently-changing microservices processes.

• **Application modernization.** Low-impact monitoring supports rapid prototyping and faster debugging during migration.

NodeSource is a Red Hat certified container and is available for customer download from the Red Hat certified container registry.

[https://access.redhat.com/containers/#/vendor/nodesource](https://access.redhat.com/containers/#/vendor/nodesource)