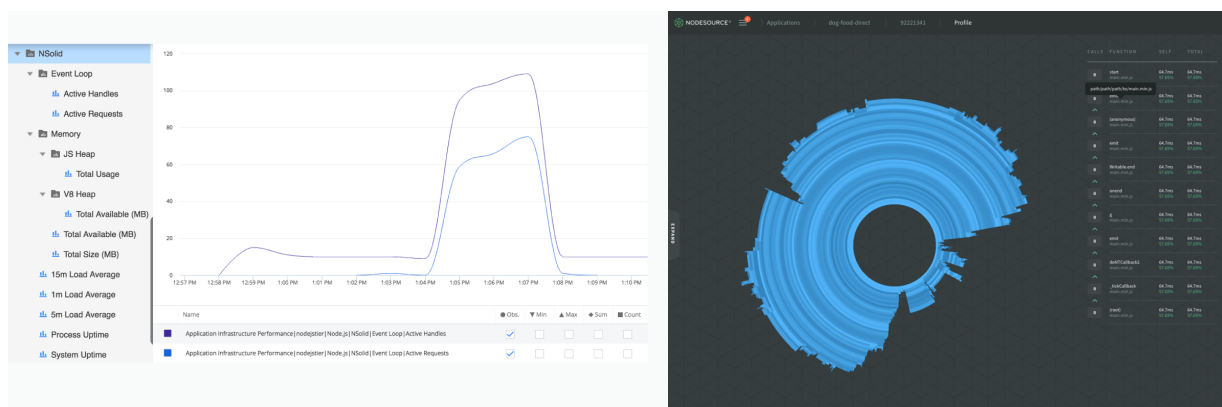# N|Solid with AppDynamics: Smarter Together

Integrating N|Solid with AppDynamics improves business service, prevents outages and avoids disruption to end users by providing unparalleled insights into your mission-critical Node.js applications.

What is N|Solid?

N|Solid is a fully-compatible Node.js runtime enhanced for mission-critical applications. . N|Solid enables organizations to develop, manage, secure, and analyze Node.js applications at scale with confidence. With N|Solid, NodeSource delivers unparalleled insight into performance and protection for applications through a secure and highly-instrumented Node implementation.

Why use N|Solid with AppDynamics?

AppDynamics provides visibility into end-to-end transactions across disparate tiers and programming languages, to provide a full view of a user's journey through an application. N|Solid seamlessly augments AppDynamics by providing unique insights into the inner workings of Node.js applications.

New to N|Solid?

If you use AppDynamics but you've never tried N|Solid, now is the perfect time to try it out.

Download N|Solid now at downloads.nodesource.com or email sales@nodesource.com

Smarter Together

Your Goals	How N|Solid Helps
Drive peak performance from Node.js applications	Augment AppDynamics with advanced Node.js metrics that provide actionable insights to optimize the performance of your Node.js applications. Install N|Solid with no code instrumentation and start getting detailed data with minimal performance overhead.
Convenient and pain-free native AppDynamics integration	AppDynamics' Node.js agent automatically sources metrics from N|Solid for easy access via the AppDynamics Controller dashboard.
Secure mission-critical Node.js Applications	Real-time alerts for known vulnerabilities in active Node.js applications enable you to effectively respond to new vulnerabilities as soon as they are reported. Customizable security policies help to mitigate risk and protect your application from external threats.
Prevent production outages and meet Service Level Objectives (SLOs)	Proactively monitor critical application parameters like CPU, heap usage, event loop activity, and more. Enhanced notifications including threshold-based alerts via Slack and other popular collaboration tools to reduce response times and resolve issues faster.
Reduce Mean-Time-To-Resolve (MTTR) and expedite Time-to-Market (TTM)	Leverage powerful features like automatically-triggered CPU profiles and heap snapshots to pinpoint code hotspots and quickly diagnose problems before they impact end-user experience. Powerful event loop delay alerts with full stack trace information empowers teams to pinpoint the root cause of event loop lag or blockages before an unexpected bottleneck adversely impacts end-user experience.
Seamlessly integrate with existing deployment models, workflows, dashboards and collaboration systems	Whatever your deployment model, we have you covered: • Cloud-ready: available in the AWS, GCP, and Azure cloud marketplaces • Container-ready: Docker and Kubernetes • PaaS-ready: CloudFoundry buildpack Flexible visualization: Use the AppDynamics dashboard, N|Solid console, and/or stream metrics into your existing StatsD-compliant dashboard for seamless metrics visualization and analysis. Easy collaboration: Built-in Slack and webhooks integration, HipChat plugin, and email notifications let teams integrate N|Solid alerts into existing collaboration platforms.

Built by NodeSource - The Node.js company

NodeSource empowers organizations to adopt Node.js by providing products and services that support the successful development, deployment, and management of Node.js applications and services. With NodeSource, teams can manage mission-critical Node.js applications with greater visibility into resource usage, performance, and security.