

PRODUCT BRIEF



FAST FACTS

Company:
SignalFx

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Company Description

SignalFx is a leader in monitoring and observability for cloud infrastructure and microservices. Built on a real-time streaming architecture designed to enable complete visibility into cloud-native environments, SignalFx applies advanced analytics to provide visualization, problem detection, and directed troubleshooting to let operators identify issues and their root cause in seconds. SignalFx is trusted by leading software organizations such as Acquia, Cloudreach, Hubspot, Kayak, and Yelp.

Product Profile

SignalFx enables real-time enterprise observability by providing a massively scalable monitoring platform that combines streaming metrics with NoSample™ distributed tracing. SignalFx processes data in real-time, applying patented data science that allows you to gain actionable insights into your infrastructure and microservices without the delays of traditional monitoring solutions.

Overview

SignalFx is a SaaS-based monitoring and analytics platform that provides real-time cloud monitoring for the modern applications and infrastructure that power today's digital businesses.

Executive Summary

The increasing pace of software innovation is driving profound changes in how applications are built and operated. The adoption of microservices, elastic infrastructure, and DevOps increases velocity, but has also made systems more dynamic and unpredictable. Traditional monitoring tools can't provide the real-time visibility, smart altering, and rapid troubleshooting capabilities needed to support modern digital businesses. That's why leading companies have turned to SignalFx's real-time cloud monitoring service.

Statement from Partner

"Joint customers of SignalFx and Red Hat want an enterprise-grade observability solution for a full OpenShift stack," said Arijit Mukherji, CTO, SignalFx. "Customers also want to ensure that any application container deployed in their environment is fully vetted and completely free of any known vulnerability. Our collaboration with Red Hat certifies to our customers that SignalFx Smart Agent has gone through a rigorous testing process by Red Hat and is ready for production deployment at scale."

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 SignalFx., resulting in the world's largest open, and commercially supportable application ecosystem."





Product Benefits

SignalFx Infrastructure Monitoring provides high-resolution metrics and analytics driven alerting to detect problems in real time, while **SignalFx Microservices APM™** analyzes 100% of request traces for intelligent root cause isolation and correlation across the application stack.

With SignalFx, Red Hat container technology users achieve:

- **Higher Developer Productivity:** SignalFx enables higher deployment frequency, lower lead time before changes, and more fully automated operation – teams using SignalFx deploy code up to 8x faster than those who do not.
- **More Predictable Operations:** SignalFx provides a common source of truth across the enterprise, enabling teams to make better sense of their data and shorten testing cycles. SignalFx can visualize and alert on changes up to 80% faster than other monitoring solutions.
- **Better Customer Experience:** By reducing problem detection and resolution time, SignalFx shortens the length of incidents, resulting in higher system availability – customers report as much as a 120% improvement in mean time to detect.
- **Increased Operational Efficiency:** With a unified platform for metrics and traces, SignalFx aids in capacity planning, cost optimization, and tools consolidation, helping customers achieve up to \$1MM in annual infrastructure savings.

Use Cases

- **Visualization and Alerting:** Create high-resolution charts and alert on trends and outliers in seconds. A library of analytics functions lets you fine-tune visualizations and alerting to correctly detect anomalies, and easily preview alerting rules against historical data.
- **Debugging and Troubleshooting:** Quickly find the root cause of an issue by highlighting anomalous traces. Improve application performance with a complete picture of where performance bottlenecks exist.
- **Infrastructure and Application Monitoring:** Easily discover key metrics, including resource utilization, requests, error rates, and latency. Automatically instrument application code to report traces. Quickly get started with prebuilt SignalFx dashboards, or create custom views that measure microservice health.
- **Digital Business Monitoring:** Use data from your systems to make business decisions in real time. Get streaming updates on performance, measure indicators of customer experience, or plan for future capacity using insights from SignalFx.



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

<https://access.redhat.com/containers/#/product/a5746c7f56096a44>