Company Description
"Lightbend is the company behind open source technologies Scala, Akka, Play & Lagom. Modern frameworks built in Scala include Apache Spark, Apache Kafka, and Apache Flink. Lightbend drove the move to Reactive Systems, the architectural foundation for many cloud native applications. Lightbend’s community includes millions of Scala and Java developers, many of whom are building distributed applications that will be deployed on Red Hat OpenShift Container Platform.

Lightbend’s customers are Global 2000 enterprises developing custom applications, especially those investing in digital transformation, real-time business processes, IoT, mobile business and application modernization."

Product Profile
"Lightbend Reactive Platform includes:
• an application development platform and runtime for developing data-centric reactive microservices-based distributed applications and streaming data pipelines
• Enterprise Suite 2.0: software designed to help developers and operators Build, Verify and Operate these applications in OpenShift environments"

Overview
Distributed application architecture for building modern, cloud native applications

Executive Summary
Enterprises investing in digital transformation need to build applications to handle the requirements of processing vast amounts of data in near real-time. This drives a need for modern microservices-based, distributed, truly cloud-native applications to run their businesses in the future. Cloud native applications built with Lightbend Platform and deployed on Red Hat OpenShift Container Platform offer elastic scalability and ultra-high resiliency with high responsiveness and ultra-low resource utilization.

Statement from Partner
“Lightbend’s customers and community have been at the forefront of building modern, distributed applications for a number of years," said Mark Brewer, CEO of Lightbend. “It is truly exciting to see the innovation that Red Hat OpenShift Container Platform brings to help our customers build, deploy, and manage those applications consistently across hybrid cloud and multicloud infrastructures.”

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 Sensu, Inc., resulting in the world’s largest open, and commercially supportable application ecosystem.”
Product Benefits

- Lightbend Reactive Platform has at its core a set of popular open source frameworks used by a large and growing developer community.
- Reactive microservices applications built using Lightbend Reactive Platform deliver the high responsiveness, elasticity and resilience required for cloud native operation.
- Support for “fast data” applications – high-speed processing and applying AI, ML models and analytics to big data in real-time.
- Complete suite of advanced tools to help enterprises Build, Verify and Operate distributed applications.

Use Cases

Lightbend Reactive Platform is used in a diverse set of use cases across many industries as enterprises look to leverage the large amount of data in their ecosystems to improve business outcomes.

Examples include:
- Deepening customer engagement through application of real-time insights
- Increasing market share by modernizing applications to support mobile business
- Optimizing resource utilization for large-scale event processing
- Boosting developer productivity by implementing a reactive microservices architecture