Company Description
GigaSpaces provides one of the fastest in-memory computing platforms for real-time insight to action and extreme transactional processing. With GigaSpaces, enterprises can operationalize machine learning and transactional processing at scale, to gain real-time insights on their data and act upon them in the moment. The always-on software platforms for mission-critical applications across cloud, on-premise or hybrid, are leveraged by hundreds of Tier-1 and Fortune-listed organizations worldwide across financial services, retail, transportation, telecom, healthcare, and more. GigaSpaces offices are located in the US, Europe and Israel serving customers such as Morgan Stanley, Bank of America, CSX, Blue Cross Blue Shield, Goldman Sachs, Société Générale, Crédit Agricole, Avanza Bank, Telia Sonera, Charles Schwab, Avaya, Deutsche Bank, Frequentis, UBS and more.

Product Profile
InsightEdge is an always-on in-memory real-time analytics platform for your mission-critical applications across cloud, on-premise or hybrid. The software platform operationalizes machine learning and transactional processing, at scale, analyzing data as it’s born, enriching it with historical context, for instant insights to action.

Executive Summary
Today, speed translates into faster smarter insights that provide companies with a competitive advantage. InsightEdge ingests, processes and analyzes huge volumes of data at low latency and precision, powering companies to take action on insights in real-time for optimal business results. Being OpenShift certified, deploying, scaling and orchestrating InsightEdge rapidly on any environment- on-premise, cloud and hybrid - becomes even easier.

Statement from Partner
“Obtaining smart, real-time insights and acting on them within a critical time frame, at scale across any environment is a challenge for many enterprises” said Yoav Einav, VP Product at GigaSpaces. “The certification of GigaSpaces InsightEdge and XAP in-memory computing platforms with Red Hat empowers our customers to rapidly build and deploy innovative real-time mission-critical applications, with the speed and confidence required to support their business initiatives on-premise, on cloud and hybrid.”

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 GigaSpaces Technologies, resulting in the world’s largest open, and commercially supportable application ecosystem.
Product Benefits
InsightEdge powers real-time analytics on streaming data enriched with historical context to help insight-driven organizations address time-sensitive decisions - enhancing business operations, regulatory compliance and customer experience.

INSTANT INSIGHTS
• Unlock immediate insights right as data is born, enriched with historical data, empowering time-to-analytics-to-action at sub-second scale
• Event-driven analytics and co-located business logic trigger analysis and action at the right instant.
• Seamless access to historical data on data lakes and warehouses

EXTREME PERFORMANCE
• Ultra-low latency, high-throughput transaction and stream processing supporting millions of IOPS.
• Co-location of applications and analytics to act on time-sensitive data at millisecond performance

TCO OPTIMIZATION
• Simplified architecture eliminating cluster and component sprawl complexity; radically minimizing the amount of moving parts.
• Cloud-native, infrastructure-agnostic deployment, for cloud, on-premise and hybrid.
• Intelligent multi-tiered data storage across RAM, SSD Storage-Class Memory (3DXPoint), Persistent memory reducing storage costs by 10X while retaining in-memory speed.

MISSION CRITICAL 99.999 AVAILABILITY
• Mature battle-tested platform for mission critical business applications.
• Highly available with up to 5 nines reliability, auto-healing and zero single point of failure.
• Geo-redundancy, fast data replication and native persistence for immediate recovery.

Use Cases
• **Finance** - fraud detection, intra-day risk analysis, credit risk forecast, cash reserve prediction, customer 360, instant payments
• **Insurance** - usage based insurance, live risk analysis, customer 360, customer churn
• **Retail/eCommerce** - dynamic pricing, personalized recommendations, intelligent inventory management, customer 360, location based promotions
• **Transportation** (automotive, airlines, railway) - dynamic pricing, predictive maintenance, fleet management, routing planning, personnel management
• **Industrial IoT** - predictive maintenance, supply chain management, inventory planning
• **Telco** - intelligent call center routing, Cyber and DDoS attacks detection, Data Center Infrastructure Monitoring (DCIM), predictive maintenance, network health monitoring

InsightEdge 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/gigaspaces