Informatica Ultra Messaging
Streaming Edition

Deliver Reliable, High-Throughput, Ultra-Low Latency Messaging

Your company faces big challenges when it comes to its electronic trading applications: speed, throughput, scalability, and cost. Being fast isn’t good enough; you need to be faster than the competition or you don’t win the trade. And the cost of buying and maintaining specialized messaging hardware eats away at incremental revenue from deploying new applications.

The Standard for High-Throughput, Ultra-Low Latency Messaging

Informatica® Ultra Messaging® Streaming Edition is the standard for reliable, ultra-low latency messaging middleware. By leveraging the many benefits of direct peer-to-peer messaging, this edition delivers industry-leading performance, reliability, and scalability at a lower total cost of ownership than broker- or daemon-based solutions. Flexible, powerful, and efficient, Informatica Ultra Messaging Streaming Edition allows IT organizations to reduce single points of failure and maintenance headaches and simplify and speed up the new application deployment process. This edition provides:

- Flexibility to choose from a wide variety of protocols, networks, APIs, operating systems, and messaging semantics for your applications
- 24x7 reliability and zero latency hot/hot failover
- High performance with near-linear scalability
- High efficiency for lower resource usage and lower fixed and recurring operational costs

Improve Performance, Reliability, Cost Savings with Low Latency Messaging

Modern computer and network hardware is already capable of very impressive performance numbers when running software designed for efficiency, as with Informatica Ultra Messaging Streaming Edition. Compared with broker- and daemon-based solutions, this edition delivers better performance and saves on IT infrastructure costs because it runs on commodity hardware. You enjoy stable, resilient messaging plus a smaller hardware footprint, more efficient server utilization, reduced energy costs, and easier maintenance and deployment. And with 24x7 availability and hot/hot failover, Informatica Ultra Messaging Streaming Edition is always available.

BENEFITS

- Free developers to focus on core competency
- Improve low-latency messaging system performance and stability
- Dramatically reduce IT infrastructure costs
Key Features

Flexible Messaging
Informatica Ultra Messaging Streaming Edition is the most flexible messaging middleware software available today. Use publish/subscribe or request/response, through C/C++, .NET, or Java APIs, on any common network, including 1GigE, 10GigE, and Infiniband, over any major protocol, including TCP/IP, reliable unicast and multicast, IPC, accelerated multicast (with kernel bypass), RDMA, and latency-bounded TCP.

This edition supports the most popular operating systems (32- and 64-bit Microsoft Windows, 64-bit Linux, and 64-bit AIX, HP-UX, and Solaris). Its configuration options allow late join, failover, and many other features.

Automatic Failover and 24x7 Reliability
Informatica Ultra Messaging Streaming Edition provides zero-latency failover via an innovative hot/hot failover design for additional resiliency. You enjoy 100-percent guaranteed uptime even on commodity hardware solutions. No expensive, proprietary hardware is necessary.

“Beyond low latency today, we wanted enterprise-class scalability, reliability, and a vendor with a vision. That’s what makes Informatica so valuable to us.”
– John Ryan, Chief Architect
Direct Edge

Informatica Ultra Messaging Streaming Edition can be configured to prioritize low latency, high throughput, or any combination of the two.
A management console provides centralized management of configuration options for applications across the entire messaging bus, including rules for user access to topics and applications.

High Performance with Near-Linear Scalability

Informatica Ultra Messaging Streaming Edition delivers very high levels of performance, whether you require ultra-low latency or high throughput or anything in between. For capital markets’ trading platforms, end-to-end latency measured in nanoseconds is possible. For applications where throughput is more important, millions of messages per second are attainable. In addition, the near-linear scalability of Ultra Messaging removes barriers to growth of the line of business with faster and simpler application deployment, and it provides a more stable, robust, and satisfying end-user experience.

“Informatica Ultra Messaging [Streaming Edition] solution enables Saxo Bank to take on more business, provide a more agile, responsive service to clients, and make more informed decisions about its risk exposure.”

– Michael André, Chief Technology Officer
Saxo Bank
Key Benefits

Free Developers to Focus on Core Competency
Informatica Ultra Messaging Streaming Edition frees your developers to focus on their core competency: trading and other applications that require the fastest possible delivery of real-time data. This edition empowers your developers to create real value by solving business problems rather than maintaining legacy or home-grown messaging middleware systems. Your developers can build faster, more scalable, more competitive applications that achieve faster time to market, more rapid return on investment, and greater user satisfaction.

Improve Messaging Middleware Performance, Reliability, and Stability
Informatica Ultra Messaging Streaming Edition is built for performance, 24x7 reliability, and stability. The ultra-efficient peer-to-peer design boosts application throughput and reduces the IT server footprint, improving availability and scalability and reducing maintenance and resource drain. Deploying a new application is as simple as adding a server and regrading the workload. Your IT team can easily tune for performance to meet business needs; multiple failover options ensure that your messaging system continues to operate under even the most stressful conditions.

Dramatically Reduce IT Infrastructure Costs
Informatica Ultra Messaging Streaming Edition is highly efficient. It delivers superior performance with less hardware, reducing the costs of purchasing, powering, cooling, and maintaining equipment. The resulting cost savings are significant: one customer improved performance more than fivefold while simultaneously slashing its messaging hardware needs by 50 percent. More efficient use of resources also means more server capacity and network bandwidth headroom for your company’s future growth. In the long term, it allows your IT organization to defer hardware and network upgrades prompted by capacity limits. The bottom line is big savings—lower resource usage and lower fixed and recurring operational costs.

ABOUT INFORMATICA
Informatica Corporation (NASDAQ: INFA) is the world’s number one independent provider of data integration software. Organizations around the world rely on Informatica for maximizing return on data to drive their top business imperatives. Worldwide, over 4,630 enterprises depend on Informatica to fully leverage their information assets residing on-premise, in the Cloud and across social networks.