

# Ultra Messaging® Overview

***Lowest Latency + Reliability + Scalability = Increased Profitability for Your Business***

## BENEFITS

- Leading-edge performance: ultra-low-latency and high-throughput messaging software
- 24x7 reliability: multiple failover options, including hot/hot zero latency failover
- Unprecedented scalability: deploy new applications with efficiency, grow year over years with lower costs
- Decreased server footprint and hardware costs: innovative architecture dramatically reduces supporting infrastructure and can eliminate the need for expensive specialized hardware such as messaging brokers and storage area networks

## Grow Your Business, Not Your Infrastructure

Your data is your business, and the faster you can move it, the more profitable you can be. But as data volumes increase with escalating regulatory and compliance pressures, and as the number of applications grows, so does the infrastructure you need to support it. Costs grow accordingly, sometimes faster than the business itself. Another challenge today is standardizing on one messaging solution for the front-office, mid-office, and back-office.

**Informatica® Ultra Messaging®** is today's leading low-latency messaging software used in capital markets around the world. Deployed in more than 170 production environments worldwide, Ultra Messaging easily handles data volumes that are beyond the capacity of traditional messaging software technologies.

Our revolutionary direct application-to-application design delivers the lowest latency, highest performance, and best reliability and scalability available—with lower infrastructure costs. By getting you “out of the middleware business”, Ultra Messaging frees your application developers to solve business problems by spending more time creating real value and less time maintaining messaging code.

### *Ultra Messaging at a Glance*

- ✓ One shared API – Java, JMS, .NET, C
- ✓ Any quality of service – reliable, guaranteed, once-and-only-once
- ✓ Any messaging semantics – Publish/Subscribe, Request/Response, Queuing
- ✓ Any transport – TCP, reliable multicast, accelerated multicast, RDMA, IPC
- ✓ Any IP-based network – InfiniBand, 10GigE, 1GigE, WAN/IP
- ✓ Any operating system – Windows, Linux, UNIX (AIX, HP-UX, Solaris)
- ✓ Zero-latency failover
- ✓ No single point of failure

# Ultra Messaging: Business Benefits, Features, and Options

## Business Benefits

- **Increase trading application profits** in the race to zero latency with leading-edge performance
- **Free up scarce IT hardware resources**, and increase application throughput, with the ultra-efficient and revolutionary “nothing in the middle” design
- **Leverage high availability and scalability** over legacy or home-grown messaging solutions
- **Reduce or defer IT hardware costs**, with a smaller server footprint and less hardware to buy and maintain
- **Increase business agility** with easy migration from legacy solutions to the next-generation Ultra Messaging solution
- **Empower your application developers to create value** instead of maintaining an in-house messaging solution
- **Leverage Informatica products**, including PowerCenter® Real Time Edition™, B2B Data Transformation™, Complex Event Processing, and MDM™.
- The power and scalability of Ultra Messaging offer unique and strategic advantages to Informatica’s 3,000+ customers worldwide in all industries.

## Features

- **Industry-leading performance** for low latency and system throughput
- **Concurrent use of multiple transports** (TCP, multicast, IPC, RDMA, accelerated multicast) for maximum system configuration options
- **Fine-grained flow control** and software advancements to realize full potential of reliable UDP multicast
- **Innovative Parallel Persistence®** feature, which provides streaming performance with persistence, and eliminates the need for specialized high-availability network storage devices in traditional “store and forward” designs.
- **Multiple failover configuration options**, including hot/cold, hot/warm, and hot/hot, for 100 percent uptime on commodity hardware solutions
- **Monitoring and management** of applications and configuration options
- **Once-and-only-once delivery** with broker-less intelligent queuing, as well as high-performance load balancing
- **Shared API** for C, .NET, and Java applications, plus broker-less JMS support, for pub/sub, request/response, or queuing. Tie all your applications together, and write in the language that makes sense for that application
- **Microsoft Windows, Linux, UNIX** – Windows 32- and 64-bit, Linux 64-bit, UNIX 64-bit (AIX, HP-UX, Solaris). Contact us for more information on specific platforms
- **Any IP-based network** – InfiniBand, 10GigE, 1GigE, WAN

### Additional separately licensed options are available for specialized needs

- **Ultra Messaging Web**—easily extend your Ultra Messaging applications out to the Web and mobile devices
- **Ultra Messaging Desktop Services**—bring selected streaming messaging traffic from the Ultra Messaging backbone to your desktop applications
- **Ultra Messaging Cache**—archive/replay Ultra Messaging streams to simplify and automate testing
- **Monitoring**—track real-time performance via SNMP, in addition to built-in, in-depth monitoring capabilities

### LEARN MORE

Learn more about the entire Informatica product platform.

Visit us at [www.informatica.com](http://www.informatica.com) or call (800) 653-3871.

### ABOUT INFORMATICA

Informatica is a leading provider of enterprise data integration software and services. With Informatica, organizations can gain greater business value by integrating all their information assets from across the enterprise. Thousands of companies worldwide rely on Informatica to reduce the cost and expedite the time to address data integration needs of any complexity and scale.



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