

# TIBCO Enterprise Message Service

## Benefits

- Reduces the cost and complexity of integrating disparate systems by providing a single standards-based communications platform for sharing information and services between applications and across heterogeneous environments such as Java EE, .NET, C, C++ or COBOL.
- Increases flexibility and promotes greater service reuse by supporting a greater range of communication than HTTP, including synchronous or asynchronous, point-to-point (queue-based) or publish/subscribe, and reliable, persistent and transactional communication.
- Reduces the time and expense of delivering new business functionality by establishing a flexible foundation for SOA that customers can extend with TIBCO's SOA, business process management, business optimization or third party products.
- Improves the performance, scalability, and reliability of distributed system communication with sophisticated fault tolerance, load balancing and flow control capabilities.

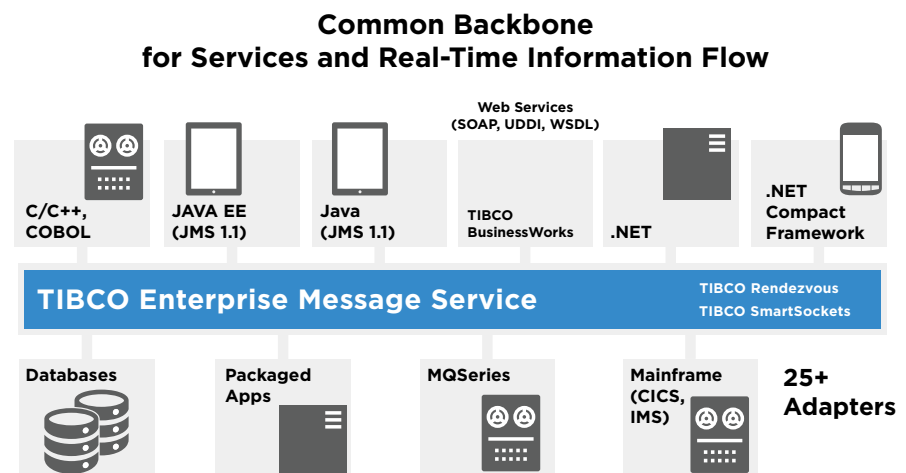
## At a Glance:

TIBCO Enterprise Message Service is a standards-based messaging solution that can serve as the backbone of an SOA by providing Java Message Service (JMS) compliant communications across a wide range of platforms and application technologies.

Organizations are becoming increasingly dependent on the realtime flow of information across systems to do business, and most IT organizations are moving away from monolithic applications and toward service-oriented architecture (SOA) that makes software functions and information easily accessible and reusable as services. One key requirement of an SOA is the ability to make information of all kinds available wherever and whenever it's needed, without requiring extensive administrative effort and without putting undue stress and traffic on corporate and public networks.

TIBCO Enterprise Message Service™ is a standards-based messaging system that supports the implementation of SOA by enabling efficient synchronous and asynchronous system-to-system communications across a wide range of technologies such as Java EE, .NET, C, C++, TIBCO Rendezvous® and TIBCO SmartSockets™ messaging software, and even COBOL and Assembler on the mainframe. Thousands of organizations have built their IT infrastructure on TIBCO messaging, including leading financial institutions, government agencies and telecommunications providers with extremely demanding distributed computing environments.

TIBCO's Enterprise Message Service messaging platform powers the communications infrastructure for several of the world's top 100 companies. Customers include Bunge Global Markets, FedEx, Intuit, QUALCOMM, Southwest Airlines, and Swisscom Mobile.



TIBCO Enterprise Message Service provides a common backbone for services and real-time information flow.

## Platform, Standards, and Security

- AIX 5.1 and up (RS/6000)
- HP/UX 11.X (HPPA RISC)
- HP/UX 11.2 and up (IA-64/Itanium)
- Linux 2.4 kernel: 2.4.6 and up, glibc2.2.4 and up (x86)
- Linux 2.4 kernel: 2.4.18 and up, glibc2.2.3 and up (IA-64/Itanium, x86-64)
- OS/400 V4R3 and up, Java client only (AS/400)
- zOS Java, C, COBOL clients only (System 390)
- Solaris 2.8 and up (SPARC)
- Windows 2000/XP/2003 Server, MSVC V6.0 and up (x86)
- Windows CE 4.1 and up, .NET Compact Framework clients only (.NET Compact Framework-based devices, e.g. Pocket PC)
- Mac OS X (10.3) and up (Apple)

TIBCO Enterprise Message Service™ is also available as an appliance offering a complete, stand alone, drop in solution for enterprise messaging.

## Attributes & Capabilities

### A Common Platform

TIBCO Enterprise Message Service provides a common messaging platform that enables the delivery of information using leading platforms, standards, and development technologies.

- Certified JMS 1.1-compliant messaging.
- Provides native messaging support for multiple languages including Java, Java EE, Microsoft .NET, C, C++, even C, COBOL and Assembler on the mainframe.
- Supports multiple platforms including Windows servers, desktops, and mobile devices, Linux, the leading versions of UNIX, Mac OS X, Open VMS, AS/400, and the mainframe.
- Built-in TIBCO Rendezvous and TIBCO SmartSockets integration.
- A messaging foundation for use with all TIBCO products and leading third party Java EE-based application servers.

### Fine-Grained Service Control

TIBCO Enterprise Message Service provides multiple service protocols and qualities of service, providing one of the broadest sets of messaging semantics and options to optimize performance and service levels.

- Server-based architecture supports synchronous and asynchronous messaging and request/reply and publish/subscribe interactions.
- Supports different levels of reliable messaging including externally managed XA-compliant transactions.
- Lets admins and developers add servers, smart routing and rules for handling high loads and communication errors.

### Proven Performance, Reliability, and Scalability

TIBCO Enterprise Message Service is the backbone for some of the largest mission critical systems in production today, delivering leading performance and scalability.

- Distributed architecture avoids introduction of a single point of failure.
- Supports load-balancing, routing, and fault tolerant configurations.
- Sophisticated flow control maximizes throughput with minimal impact.

### Secure Communication

TIBCO Enterprise Message Service delivers a secure messaging environment, that provides support for security standards including:

- SSL including client-to-server and server-to-server connectivity.
- Fine-grained control over authentication and authorization permissions.
- JAAS support for pluggable security models including external LDAP.

### Extensible as Part of TIBCO's Platform

TIBCO Enterprise Message Service is the messaging backbone for the Event-Enabled Enterprise. An Event-Enabled Enterprise gives you the ability to anticipate, understand, and act on opportunities or threats just a little ahead of time and more accurately than the competition. The ability to unlock this information from your IT requires efficient synchronous and asynchronous system-to-system communications. TIBCO Enterprise Message Service provides this connectivity.

**TIBCO Software Inc.** (NASDAQ: TIBX) is a provider of infrastructure software for companies to use on-premise or as part of cloud computing environments. Whether it's efficient claims or trade processing, cross-selling products based on real-time customer behavior, or averting a crisis before it happens, TIBCO provides companies the two-second advantage® – the ability to capture the right information, at the right time and act on it preemptively for a competitive advantage. More than 4,000 customers worldwide rely on TIBCO to manage information, decisions, processes and applications in real time. Learn more at [www.tibco.com](http://www.tibco.com).



Global Headquarters  
3307 Hillview Avenue  
Palo Alto, CA 94304

Tel: +1 650-846-1000  
+1 800-420-8450  
Fax: +1 650-846-1005

[www.tibco.com](http://www.tibco.com)