

TIBCO Enterprise Message Service

BENEFITS

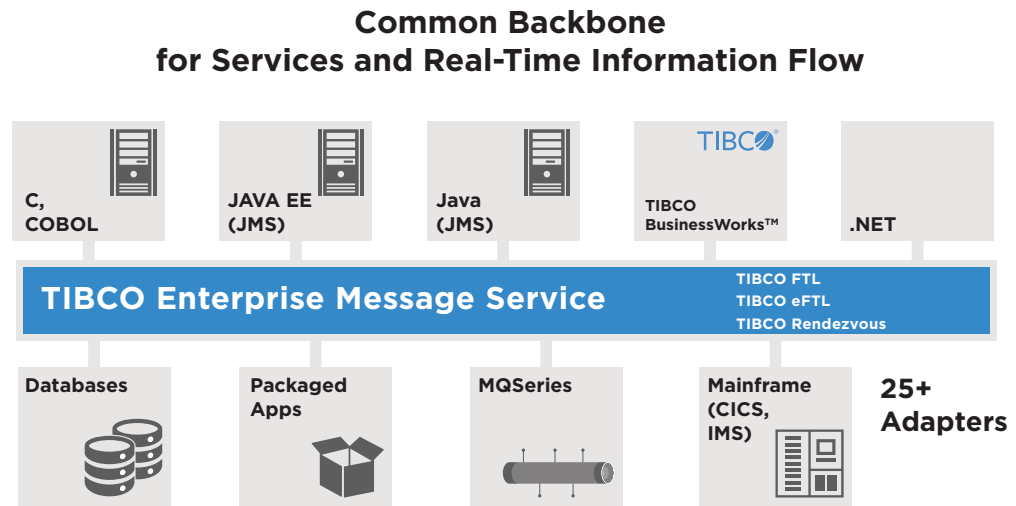
- Reduces the cost and complexity of integrating disparate systems by providing a single standards-based communications platform for sharing information and services between applications and across heterogeneous environments such as Java (JMS), .NET, C, and COBOL.
- Increases flexibility and promotes 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 integration.
- Directly integrates with TIBCO eFTL, which extends reach to web and mobile devices using an HTML5-ready, high-performance web messaging solution.
- Improves the performance, scalability, and reliability of distributed system communication with sophisticated fault tolerance, load balancing, and flow control capabilities.

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 real-time flow of information across systems to ensure top performance and competitiveness. Consequently, 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, Java (JMS), .NET, C, TIBCO FTL®, TIBCO eFTL™ (web/mobile), TIBCO Rendezvous®, and TIBCO SmartSockets™ messaging software, and even C, 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 a large number of the world's top 100 companies.



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

PLATFORM, STANDARDS, AND SECURITY

- Apple Mac OS X 10.10 and up (x86, x86-64)
- HP/UX 11.3 and up (Itanium)
- HP OpenVMS 8.3 (Itanium)
- IBM AIX 6.1 and up (pSeries)
- IBM i5/OS V6R1 and up (iSeries)
- IBM z/OS V1R12 and up (zSeries)
- Linux kernel 2.6.18 and up, (x86, x86-64)
- Linux kernel 3.10.0 and up (zSeries)
- Microsoft Windows 7 SP1, 8 (x86, x86-64)
- Microsoft Windows Server 2008 SP2, 2012 R2 (x86-64)
- Oracle Solaris 10 and up (SPARC, x86-64)

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.
- TCK certified to both the JMS 1.1 and 2.0 standards.
 - Java (JMS), Microsoft .NET, C, and even C, COBOL and Assembler on the mainframe.
 - Supports multiple platforms including Windows, Linux, UNIX, Mac OS X, Open VMS, AS/400, and the mainframe.
 - Built-in TIBCO eFTL (mobile/WebSockets), TIBCO FTL, TIBCO Rendezvous, and TIBCO SmartSockets integration.
 - A messaging foundation for use with all TIBCO products.

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.
- Supports synchronous and asynchronous messaging and request/reply and publish/subscribe interactions with server-based architecture.
 - 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.
 - Support for 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:
- TLS 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 Enterprise Message Service™ is also available as an appliance offering a complete, stand alone, drop in solution for enterprise messaging.



Global Headquarters
 3307 Hillview Avenue
 Palo Alto, CA 94304
 +1 650-846-1000 TEL
 +1 800-420-8450
 +1 650-846-1005 FAX
www.tibco.com

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03/30/16