

TIBCO Web Messaging For TIBCO Enterprise Message Service

Benefits

- Develop interactive web and mobile applications that deliver contextual mobility services
- Achieve bidirectional low-latency web communication with HTML5 WebSocket technology
- Connect customers with IT applications and business data via the web
- Develop once and deploy across a variety of platforms and clients
- Develop rich applications using familiar JMS and HTML5 APIs, reducing time to market
- Integrate natively with TIBCO Enterprise Message Service
- Reduce infrastructure costs
- Increase scalability to millions of concurrent connections

At a Glance:

TIBCO® Web Messaging for TIBCO Enterprise Message Service™ is an HTML5-ready, high-performance web messaging solution that natively integrates with TIBCO Enterprise Message Service™. TIBCO Web Messaging enables companies to extend their enterprise IT infrastructure with secure, bidirectional real-time communication to power today’s demanding web and mobile applications.

Extend Enterprise Messaging to the Real-Time Web with HTML5

With the rapid growth of social media and the proliferation of smartphones and tablets, the demand for mobile and web applications is growing exponentially.

Today’s digital native consumers expect businesses to provide a consistent, high quality customer experience, whether in store, online, or on the go. Companies are working to meet these expectations by connecting with their customers via innovative mobile and web applications.

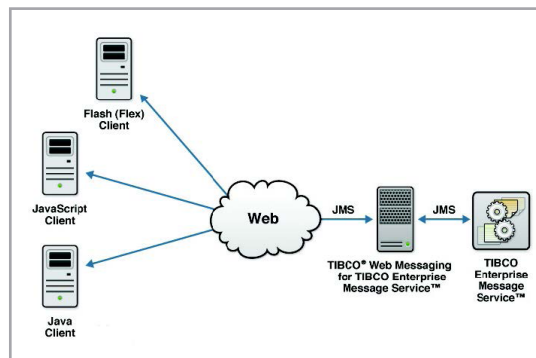
A major roadblock has been that traditional web architectures, based on Hypertext Transfer Protocol (HTTP), simply don’t provide the real-time and bidirectional communication that today’s new applications and services demand.

Thousands of businesses rely on TIBCO’s 21st-century platform – built on top of TIBCO Enterprise Message Service – to manage real-time information flow. And now with TIBCO Web Messaging for TIBCO Enterprise Message Service, companies can extend their real-time enterprise IT infrastructure across the web.

TIBCO Web Messaging is designed to allow you to share the data from your back-end systems and applications over the Web without exposing them to everyone on the Internet. The system allows you to define a range of security parameters to ensure maximum security and compliance with corporate standards, including the ability to close all inbound firewall ports

by leveraging the reverse connection capability and placing the TIBCO Web Messaging in the DMZ to act as a front-line access point for those back-end systems. Further restrict access to your services and applications by defining which domains can access the system.

Extending enterprise messaging to the web.



Platform, Standards and Security

Browser Support

- Apple Safari 3.0+
- Google Chrome 1.0+
- Microsoft IE 5.5+
- Mozilla Firefox 1.5+
- Opera 9.5+

Client API Support

- Adobe AIR, Flash, Flex
- iOS (Objective C)
- Java
- JavaScript
- .Net
- Silverlight

Enterprise Support

- Single Sign-On
- Java Authentication and Authorization Service (JAAS)
- Integrated Load-Balancing Clustering
- Reverse connection
- Automatic Reconnect
- JMX Management & Monitoring
- Integrated High-Availability
- Fan Out for Scalability

Open Standards Support

- W3C HTML Standard
- IETF WebSockets Standard
- Cross Origin Resource Sharing (CORS)

Utilizing the new HTML5 WebSocket specification to address the limitations of HTTP, TIBCO Web Messaging for TIBCO Enterprise Message Service delivers the real-time, full-duplex communication technology required for next-generation web services.

With TIBCO Web Messaging for TIBCO Enterprise Message Service, companies can create compelling new user experiences, cultivate strong customer relationships, and take advantage of short-lived business opportunities – like delivering contextually relevant offers in real time.

With TIBCO Web Messaging for TIBCO Enterprise Message Service, businesses can extend their TIBCO Enterprise Message Service backbone to communicate with a variety of client devices and applications – including smartphones, tablets, and browsers – with exceptional levels of scalability, security, and availability.

Attributes & Capabilities

Real-Time Web Messaging

Native integration with TIBCO Enterprise Message Service enables businesses to extend the reach of their enterprise IT infrastructure to seamlessly communicate outside the firewall.

platform. Support for iOS (Objective C), Java, Javascript, Adobe Flash, Adobe Flex, Adobe Air, Microsoft Silverlight and Microsoft .Net allows developers to develop for multiple devices in a fraction of the time.

HTML5-Ready

Develop compelling web and mobile applications using the new HTML5 WebSocket standard that provides the foundation for the real-time web with a full-duplex communication model.

Enhanced Performance

Achieve significantly lower application latencies with a fraction of the overhead of existing web architectures: up to a 500x reduction in typical web communication overhead compared to HTTP.

Works With Any Browser

In addition, modern browsers with native support for WebSocket can connect to TIBCO Web Messaging. The built in client emulation technology ensures that browsers as old as Internet Explorer 6 can enjoy all the same benefits with almost the same performance as native WebSocket, all without additional plugins.

Enterprise Ready

Enterprise-grade features like fast-fail authentication, fine-grained authorization, Kerberos integration, reverse connections, integrated load-balancing/clustering, and connection offloading means never having to compromise on enterprise readiness.

Low TCO

An HTML5-ready platform-independent client API and native integration with TIBCO Enterprise Message Service means avoiding expensive and time-consuming custom IT integration and development.

Broad Support for Clients

Simplify development for multi-client applications by leveraging a common Java Message Service API, regardless of client

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.



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