**TIBCO Enterprise Message Service Appliance**

**KEY FEATURES AND BENEFITS**

**PROVEN, MISSION-CRITICAL ENTERPRISE MESSAGING**
Provides all the benefits and guarantees of TIBCO Enterprise Message Service in hardware form without requiring third-party storage and cluster file systems.

**LOW TCO, HIGH SCALABILITY AND PERFORMANCE**
As a fully integrated hardware solution, reduces complexity, supports increased scalability, and requires no third-party software or storage, reducing operations cost and capital expenditure.

**FAULT TOLERANCE**
Provides native support for both hardware and software fault tolerance and high availability.

**FLEXIBILITY**
Fully compatible and integrated with existing software deployments of TIBCO Enterprise Message Service, the Appliance works seamlessly with your existing TIBCO messaging clients and servers:
- Leverages the same monitoring and management capabilities of TIBCO Enterprise Message Service
- Supports native TIBCO Enterprise Message Service routing server-to-server communication
- Uses the same client API as TIBCO Enterprise Message Service

**AT A GLANCE**
The TIBCO Enterprise Message Service™ Appliance provides simplified, 100% guaranteed message delivery—and all the benefits of TIBCO’s leading enterprise messaging solution, TIBCO Enterprise Messaging Service—in an easily deployable 2U hardware appliance.

**A MORE FLEXIBLE COMMUNICATIONS INFRASTRUCTURE**
Decision-making, event-processing, and automation are creating increased demand for real-time enterprise-wide data distribution. To efficiently and reliably serve these real-time data needs, you need a high performance messaging platform.

Standards-based TIBCO Enterprise Message Service combines IT assets and communications technologies on a common high-performance messaging backbone. It supports real-time decision-making by scaling horizontally across the organization to unlock data in diverse databases and applications and support fast, event-driven execution of business operations. The TIBCO Enterprise Message Service Appliance supplies even more performance and scalability—and a 100% guaranteed messaging platform without any requirements for third-party software or hardware.

TIBCO Enterprise Message Service and TIBCO Enterprise Message Service Appliance provide deployment options for a more flexible infrastructure and maximum utilization and data distribution. It’s a messaging infrastructure that can use software, hardware, or both, for optimal deployments.

**HIGH PERFORMANCE, FAULT TOLERANCE, HIGH AVAILABILITY**
The TIBCO Enterprise Message Service Appliance provides all the benefits and functionality of TIBCO Enterprise Message Service:
- Native JMS 1.1 and 2.0 support
- Local and distributed transactional support
- Full user authentication and authorization
- Secure end-to-end connections using SSL/TLS
- Fully persistent and non-persistent messaging

Where alternative messaging deployments often require external third-party systems like cluster file systems and storage attached networks (SAN) for guaranteed persistent message delivery, the TIBCO Appliance does not. It provides full message replication and synchronization between a pair of appliances allowing for 100% guaranteed message delivery and recovery.

**REDUCED COST, COMPLEXITY, AND TIME**
TIBCO Enterprise Message Service integrates disparate systems using a common backbone. It supports open standards, existing systems, and natively supports a broad range of server, desktop, and mobile technologies, including C, COBOL, Java EE, and .NET. The TIBCO Enterprise Message Service Appliance also supplies this functionality — along with the increased scalability of a hardware design, reduced total cost-of-ownership resulting from less power consumption, and greater reliability than typical software deployments.
TWO MODELS SIZED FOR PERFORMANCE NEEDS

The TIBCO Enterprise Message Service Appliance Standard Edition is designed for general purpose message distribution that still requires 100% guarantees. The High Performance Edition includes dedicated on-bus flash memory, providing full message persistence for extreme messaging volumes. For PCI application requirements, it also provides disc encryption with Key Management Interoperability Protocol (KMIP) compliant integration with key management services.