

TIBCO TRANSACTION INTERFACE FOR IMS

AT A GLANCE

Freedom for your IMS Transactions to Participate in SOA

TIBCO Transaction Interface™ for IMS facilitates the interaction of transactions, messages, and events between a TIBCO ESB and IBM's Information Management System (IMS) transaction manager (TM) transaction processing environment.

BENEFITS

- Requires no application changes to integrate with existing IMS applications
- Provides high-performance, scalable, and high-availability access to IMS TM, utilizing IMS's Open Transaction Manager Access (OTMA) facility and IBM's Cross Systems Coupling Facility (XCF)
- Enables applications, services, and other tools running on non-IBM platforms or from other z/OS subsystems to connect to multiple IMS servers or regions
- Provides a quick return on investment with minimal learning curve, simple installation, and easy implementation

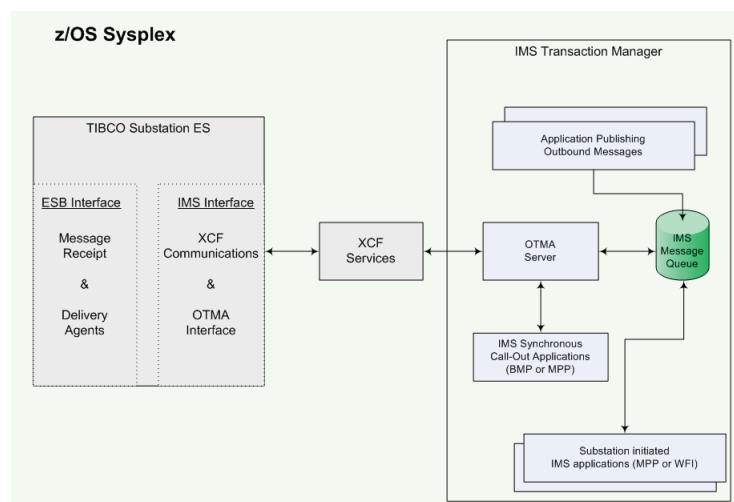
Integrating IMS with TIBCO's ESB

IMS TM operates as a crucial part of many large enterprises' transactional processing and day-to-day business operations. TIBCO offers these enterprises the best options available for service enablement and provides organizations with the ability to readily include their mainframe-based IMS resources as part of their services initiative.

The Transaction Interface for IMS works in conjunction with TIBCO Substation ES™ to provide bi-directional integration with IMS applications and TIBCO's core SOA-enabling backbone via its Enterprise Service Bus (ESB). It enables customer applications external to IMS to publish or perform request/reply communications with IMS transactions, using TIBCO Enterprise Message Service™ or TIBCO Rendezvous®. The combination of Substation ES and the IMS Interface provides customers with a highly scalable and highly customizable solution. For example, multiple interface

sessions can run simultaneously against multiple IMS Regions, and levels of service for each message may be specified,

enabling a robust integration with both TIBCO and other applications when using TIBCO's ESB.



TIBCO Transaction Interface for IMS enables simple and immediate integration of IMS transactions.

ATTRIBUTES & CAPABILITIES

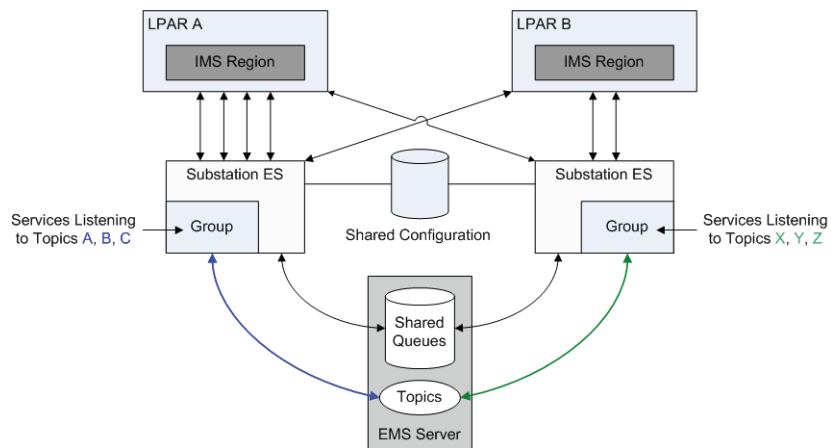
SUPPORTED OPERATIONS

The Transaction Interface for IMS supports the following types of operations:

- **Transaction Processing:** Send-then-commit and send-then-commit with confirm processing are both supported. With send-then-commit, output is sent before a synchronization point by OTMA is confirmed as the transaction may not be completed. With the confirm option, synchronization with OTMA and TIBCO's ESB is guaranteed. In addition, the interface supports the invocation of variable length transactions codes. These are used for service requests initiating transactions similar to input on a 3270 terminal.
- **Transaction Grouping:** Transactions are grouped using the IMS transaction pipe (TPIPE) technology. These TPIPEs can be managed to minimize their resource consumption. Both synchronized and non-synchronized TPIPEs are supported.
- **Application Routing:** The interface supports triggers which enable IMS applications to publish or redirect output to external applications where it can be orchestrated and used by TIBCO BusinessWorks™, TIBCO BusinessEvents®, and other processes.
- **Synchronous Call-Out:** IMS MPP and BMP™ applications can now execute synchronous call-out to an external service. Support is provided for synchronous call-out (ICAL) where requests are directly sent to Substation ES via OTMA without involving IMS message queues.

SCALABILITY AND HIGH AVAILABILITY

The Transaction Interface for IMS provides customers an easily scalable and highly available environment. In conjunction with Substation ES, many IMS Interfaces can operate concurrently within a SYSLEX or GEOPLEX, and each interface can be uniquely configured to meet the demands of a customer's SLA.



PLATFORM & STANDARDS

- Current versions of z/OS and IMS™
- TIBCO EMS 6.x and above and TIBCO Rendezvous 8.x and above

About TIBCO

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.

Global Headquarters
3303 Hillview Avenue
Palo Alto, CA 94304

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

www.tibco.com

 **TIBCO**[®]
The Power of Now[®]