

TIBCO TRANSACTION INTERFACE FOR CICS

AT A GLANCE

Participation in SOA with CICS Made Easy

TIBCO Transaction Interface for CICS facilitates the interaction of transactions, messages, and events between TIBCO's Enterprise Service Bus (ESB) and the Customer Information Control System (CICS) transaction processing environment.

BENEFITS

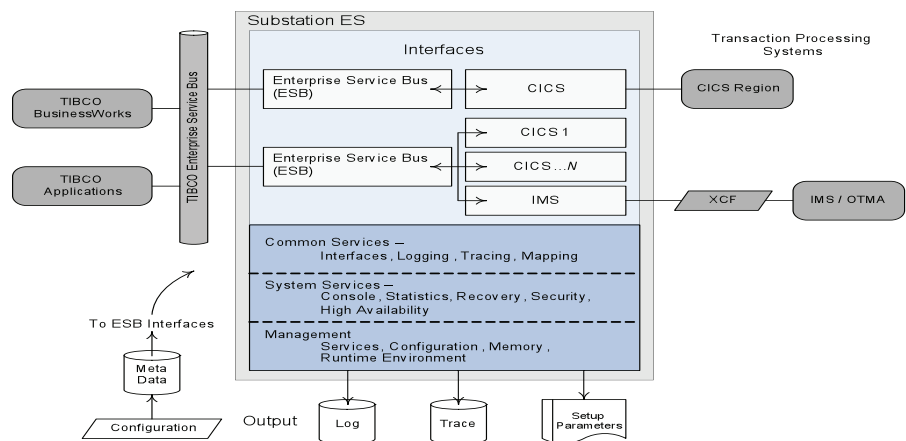
- Requires no application changes to integrate with existing CICS applications.
- Provides high-performance, scalable, and high-availability access to and from CICS.
- Enables applications, services, and browsers running on non-IBM platforms – or from other z/OS subsystems – to connect to multiple CICS regions.
- Provides an immediate return on investment with a minimal learning curve, simple installation, and easy implementation.

Integrating CICS with TIBCO's ESB

The CICS transactional environment operates in thousands of enterprises worldwide as an essential part of their transactional processing and day-to-day business operations. TIBCO offers these enterprises the best options available for service enablement and provides organizations the ability to readily include their mainframe-based CICS resources as part of their services initiative.

TIBCO Transaction Interface™ for CICS works in conjunction with TIBCO Substation ES™ to provide bi-directional integration with CICS applications, TIBCO's core SOA-enabling backbone, and TIBCO's ESB. It enables customer applications external to CICS to publish to, subscribe from, or perform request/reply communications with CICS transactions, using TIBCO Enterprise Message Service™ or TIBCO Rendezvous® as the transport.

The combination of Substation ES and the Transaction Interface for CICS interface provides customers with a highly scalable and highly customizable solution. For example, multiple sessions can run simultaneously against multiple CICS Regions, where individual levels of service for business function can be specified – enabling a robust integration with TIBCO applications as well as other applications using TIBCO's ESB.



TIBCO Transaction Interface for CICS enables a simple way of integrating CICS transactions.

ATTRIBUTES & CAPABILITIES

Supported Operations

Transaction Interface for CICS supports the following types of operations:

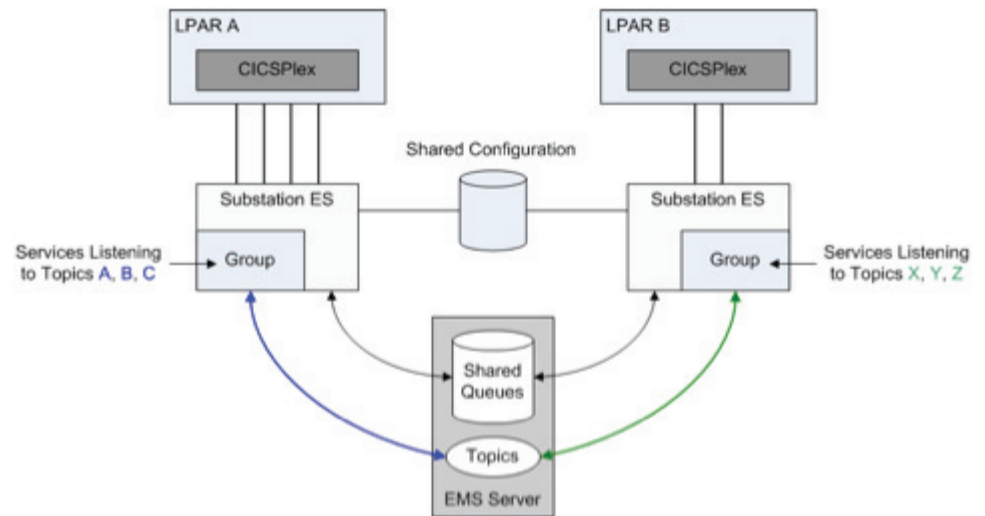
- **Multi-Threaded Design:** Multiple sessions can communicate bi-directionally with each CICS Region from a single CICS interface, and up to four interfaces can connect simultaneously to a single CICS Region.
- **Application Routing:** The interface supports triggers which enable CICS applications to publish or redirect output to external applications where orchestration can be performed by TIBCO BusinessWorks™, TIBCO BusinessEvents®, and other processes. No user API is required to publish outbound (triggered) events.
- **High Volume Triggers:** High Volume Trigger (HVT) functionality is available for use when a high volume of messages/queue records are to be sent, or when more than 32K of information needs to be sent from applications. HVT also provides ordered delivery of information and guaranteed message delivery. Information residing in data or transient queues can be used with this facility.
- **Methods of Invocation:** Multiple methods of invocation are available to access and work with CICS applications and resources: Containers, Communication Areas, Transient Data, Storage Queues, and most other entities available in CICS.

Scalable and High Availability

Transaction Interface for CICS provides customers an easily scalable, fault-tolerant, and highly available environment. In conjunction with Substation ES, CICS interfaces can operate concurrently within a CICSplex, and each interface can be uniquely configured to meet the demands of a customer's SLA.

Platform & Standards

- Current versions of z/OS and CICS
- 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.

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