

TIBCO MAINFRAME SERVICE SUITE

AT A GLANCE

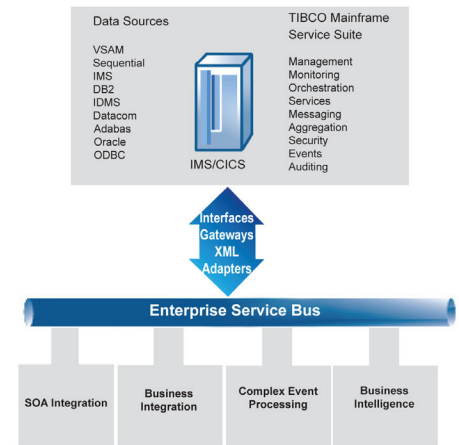
TIBCO Mainframe Service Suite brings crucial, mainframe-based data and processes to service-oriented architecture (SOA) environments. The suite enables organizations to develop and deploy native mainframe services and events – without having to modify mainframe sources – for true end-to-end enterprise integration solutions.

BENEFITS

- Enhances enterprise integration by including mainframe data and applications in the SOA environment while maintaining the reliability, availability, and scalability mainframes offer.
- Offers a cost-effective alternative to migrating and re-hosting applications that work in their current environment while minimizing business risks of such migrations.
- Brings SOA and event-driven architecture (EDA) technologies to mainframes, thereby offering access to the highly effective process development and deployment environment that is part of the service suite.
- Enables organizations to transition or redeploy business processes – as well as metadata repositories and application data – to other platforms.

In addition to distributed data sources and applications, today's enterprise IT environment typically includes mainframe-based data and applications that are critical to the organization's on going business. To increase business agility, organizations are seeking a means to service-enable all their applications – including mainframe-based ones – and include event notifications from mainframe sources for business monitoring. They want to make this change so they can quickly adapt mainframe processes to accommodate new market or regulatory conditions. To avoid increasing the complexity of their IT environment, organizations would prefer to add this functionality without having to deploy yet another vendor's solution just for mainframe assets.

TIBCO Mainframe Service Suite enables an organization to connect mainframe assets to TIBCO's core SOA-enabling backbone, the enterprise service bus (ESB). Organizations can use the suite to build native and distributed solutions for mainframe assets and business processes that require the use of web services; mediating interactions with disparate sources; or event notification, aggregation, and processing. In addition, TIBCO's powerful and flexible suite of services provides access to multiple mainframe data sources and business rules processing with transaction integrity and superior performance.



Since the 1990s, TIBCO's mainframe solutions have enabled Global 2000 customers to extend their mainframe resources by building better applications faster, improving responsiveness, and creating a bridge between technologies

ATTRIBUTES & CAPABILITIES

Service-Enabling the Mainframe

Using TIBCO Mainframe Service Suite, an organization can service-enable and derive maximum benefit from its mainframe assets.

Business objects are represented as services to services consumers, with the confidence that there is proper authorization, logging, and auditing of service requests and responses.

A preset itinerary of actions can be deployed on one or many independent data sources as part of a service request, and the results can be aggregated before the response is sent.

Support for Heterogeneous Data Sources, Messaging, and Transaction Processing

The suite enables organizations to natively and bi-directionally access DB2, IMS, CA Datacom, CA IDMS, and Oracle and ODBC-compliant data, as well as VSAM and sequential data sources.

IMS and CICS transactions can bi-directionally participate in exchanges using the enterprise service bus (ESB) that connects over implementations such as WebSphere MQ, TIBCO Rendezvous®, or TIBCO Enterprise Message Service™ that provides full JMS support.

Enterprise-Level Data Transformation and Validation

From any business process, organizations can extract data from any supported data source, validate and transform it using easily written rules and services, and deliver the results to other processes, message-oriented middleware, or services consumers. Reciprocating actions can be invoked, if needed. These processes can be easily integrated into an existing infrastructure.

Event-Driven Architecture

Capture events and route them as required to mainframe-resident applications, to applications on distributed platforms, or to TIBCO BusinessEvents™ engines – an organization can choose the event-handling approach that best suits its business requirements. Send events from applications on distributed platforms and deliver them to mainframe-resident applications. Applications can use easily written business rules to respond appropriately to these incoming events.

Process Optimization

Using a simple interface, users can access data from a CICS or IMS region and provide high throughput from the mainframe data sources directly to the TIBCO messaging infrastructure. Optionally, users can select data transformation to be part of the transaction flow.

Rapidly prototype, orchestrate, and deploy business solutions, concentrating on improved business logic instead of the infrastructure required to connect mainframe applications and processes.

PLATFORM, STANDARDS AND SECURITY

- Current releases of IBM mainframe operating systems
- SOAP, XML, HTTP, JCA, ODBC, SQL, TCP/IP
- Basic identity authentication, RACF, CA-ACF2, CA-TSS, and/ or SSL with certificate management

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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