

TIBCO ACTIVEMATRIX BUSINESSWORKS PLUG-IN FOR CICS

AT A GLANCE

TIBCO ActiveMatrix BusinessWorks™ Plug-in for CICS allows organizations to easily incorporate the execution of their CICS applications with BusinessWorks processes without modifying their CICS applications.

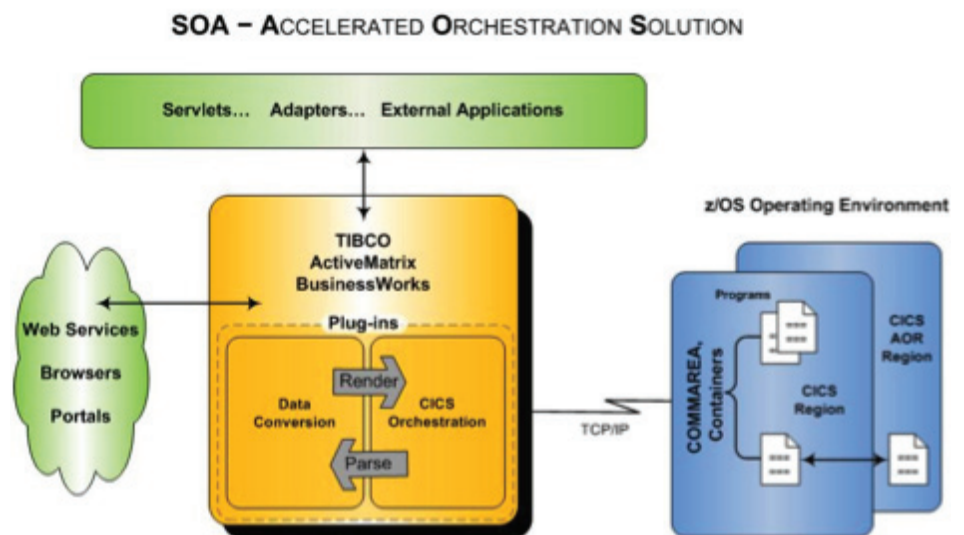
BENEFITS

- Delivers one of the easiest implementation and deployment solutions available to remotely orchestrate and access CICS applications
- Preserves and extends the value of CICS applications
- Uses native and standard interfaces to communicate from ActiveMatrix BusinessWorks™
- Performs off-host parsing and rendering of information, translations and orchestration
- Enables TCP/IP optimization to be achieved via built-in socket pooling techniques
- Supports COMMAREA, container and multiple bi-directional container interactions with CICS applications
- Requires minimal or no changes to CICS systems or CICS applications

The TIBCO promise of the two-second advantage™ extends into the mainframe world. Leveraging TIBCO's core ActiveMatrix BusinessWorks technology, the plug-in for CICS provides simple yet reliable and robust access to an enterprise's CICS applications. These CICS applications are crucial business applications for an enterprise, encompassing many years of business and technical development.

With the changes in technological approaches, it is imperative for companies to have the capability to directly access CICS from an orchestrated services environment – available from a wide selection of non-mainframe platforms – and easily incorporate CICS into their Service Oriented Architecture (SOA) initiatives. TIBCO ActiveMatrix BusinessWorks Plug-in for CICS provides this capability.

TIBCO ActiveMatrix BusinessWorks Plug-in for CICS enables companies to access their CICS applications directly using TCP/IP and without modifying their CICS applications. The BusinessWorks processes can select either COMMAREAs or containers for their CICS program communications, providing



the flexibility companies require. The plug-in is normally used in conjunction with the TIBCO ActiveMatrix BusinessWorks™ Plug-in for Data Conversion which provides the rendering of input and parsing output of CICS transactions on behalf of BusinessWorks processes.

Attributes & Capabilities

IMPLEMENTATION

TIBCO ActiveMatrix BusinessWorks Plug-in for CICS requires only a listener to be installed on the mainframe in order to access CICS applications. The solution requires only a small footprint on the mainframe and is low risk with minimal impact to the host environment.

The plug-in also makes use of standard BusinessWorks, communications and security functionality:

- TIBCO ActiveMatrix BusinessWorks Plug-in for Data Conversion provides the rendering or parsing of the data which is passed between the systems.
- TIBCO Designer™ provides the user interface to specify the process flow: which CICS regions will be accessed, whether to run in CICS Adapter compatibility mode, what activities are required, and whether to use pooling.
- TCP/IP is the connectivity protocol, providing direct access to CICS from BusinessWorks.
- CICS security governs the interactions across the systems.

KEY FEATURES

Containers: Supports single or multiple bi-directional containers. Containers prepared by CICS applications can be dynamically obtained and received by the plug-in.

Pooling: Pooled connections are supported to reduce mainframe overhead and can be managed from the plug-in by specifying for example a "pool size" and "time to live" values.

CICS Dynamic Routing: Supports dynamic and specific program routing to application owning regions (AORs).

Logging and Tracing: A simple yet effective trace facility is available on request that allows you to step through interactions and view data sent or received, providing insight into CICS processing.

SUPPORTS MULTIPLE PROGRAMMING ENVIRONMENTS

TIBCO ActiveMatrix BusinessWorks Plug-in for CICS can:

- Access CICS programs written in COBOL, PL/1, C or assembler
- Support the CICS open transaction environment (OTE) which CICS DB2 applications can exploit (CICS must be at version 3.2 or higher)

PLATFORM, STANDARDS

- CICS 2.x and above
- TIBCO ActiveMatrix BusinessWorks Plug-in for Data Conversion 3.1 and above
- TIBCO ActiveMatrix BusinessWorks 5.8 and above

About Company

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 optimizing claims, processing trades, 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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