



WebSphere Software

# TXSeries for Multiplatforms, Version 6.1

*The next generation of distributed CICS*

## SOA Integration

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**TXSeries V6**

**The Next Generation of Distributed CICS**

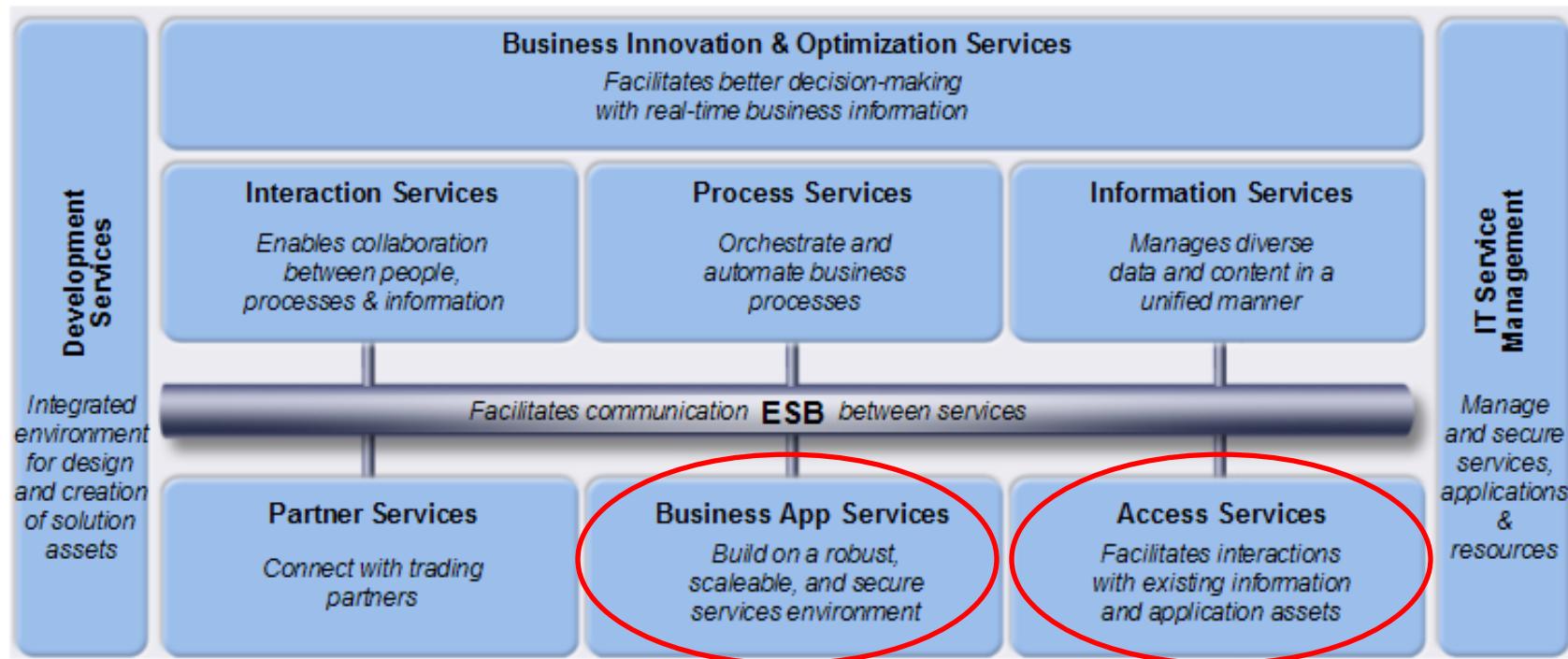
[www.ibm.com/CICS](http://www.ibm.com/CICS)

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# TXSeries as a component of your SOA



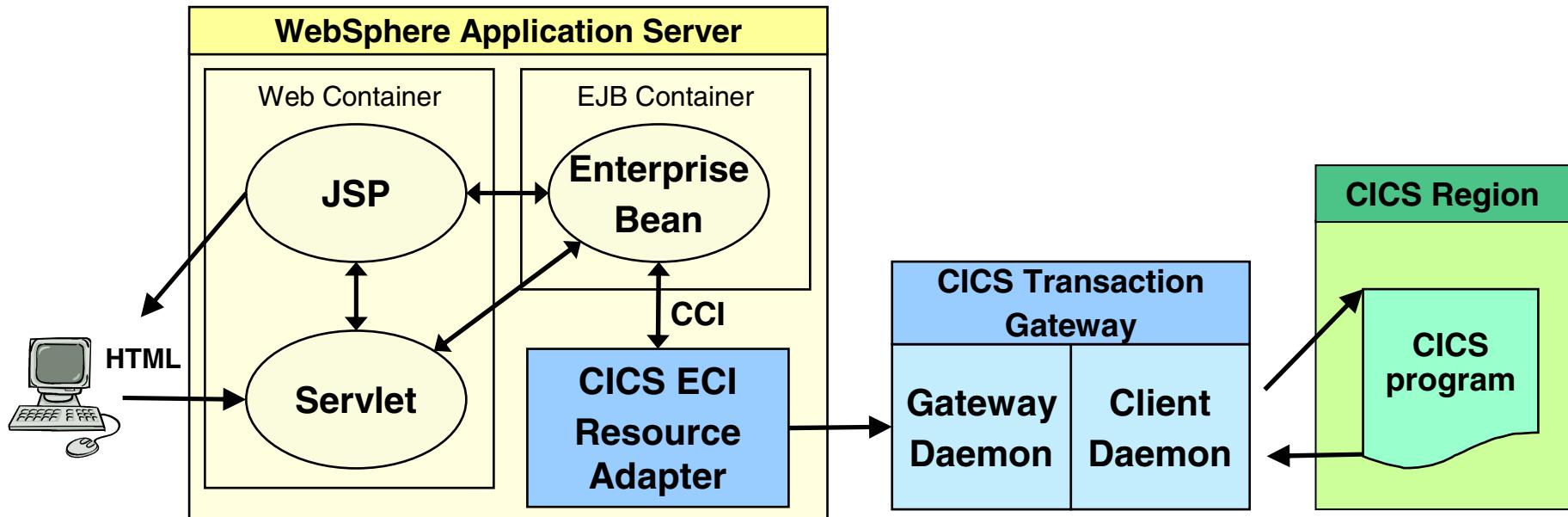
## Distributed CICS Transaction Server

- Enabling end to end mixed language transaction services in support of **Business Applications**
- Full integration with CICS Transaction Server for z/OS

## Transaction Integration Server

- Providing integration and **Access Services** through
- JCA interfaces to J2EE based application servers
  - XA interfaces to databases and WebSphere MQ

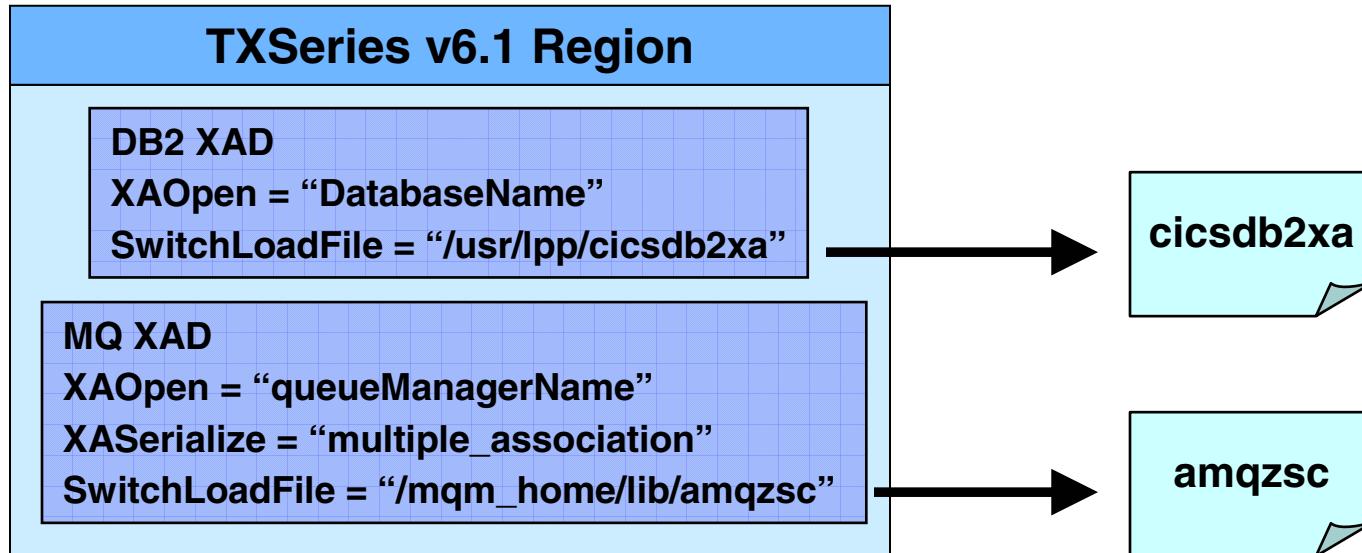
# SOA Integration with J2EE Application Servers



- CICS Transaction Gateway (CTG) provides an external interface to TXSeries
- CICS Resource Adapter allows J2EE applications to access CTG

# SOA Integration with XA Resource Managers

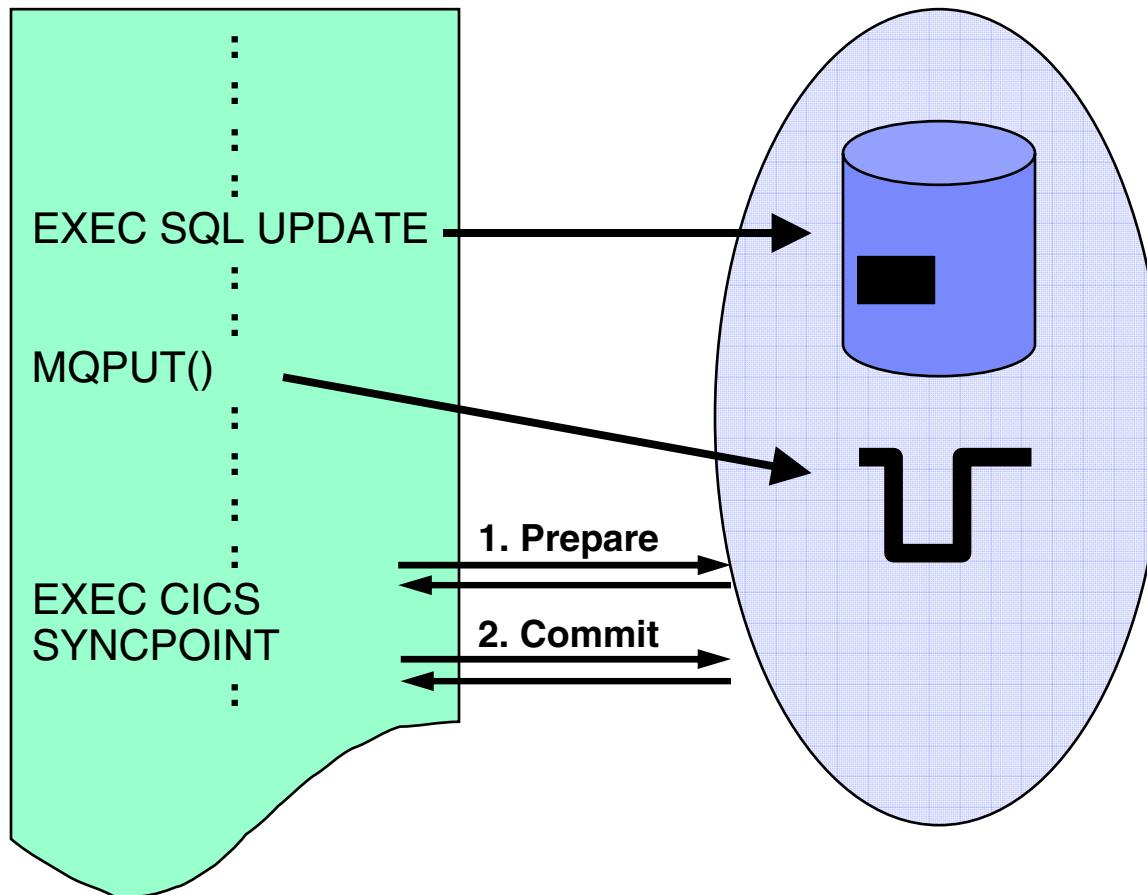
## 1. Prepare the CICS Region



1. Compile the supplied Switch Load File
  - The library interface between CICS and the resource manager (DB2 or WMQ)
2. Define the Switch Load File to CICS
  - Create an XAD Stanza entry

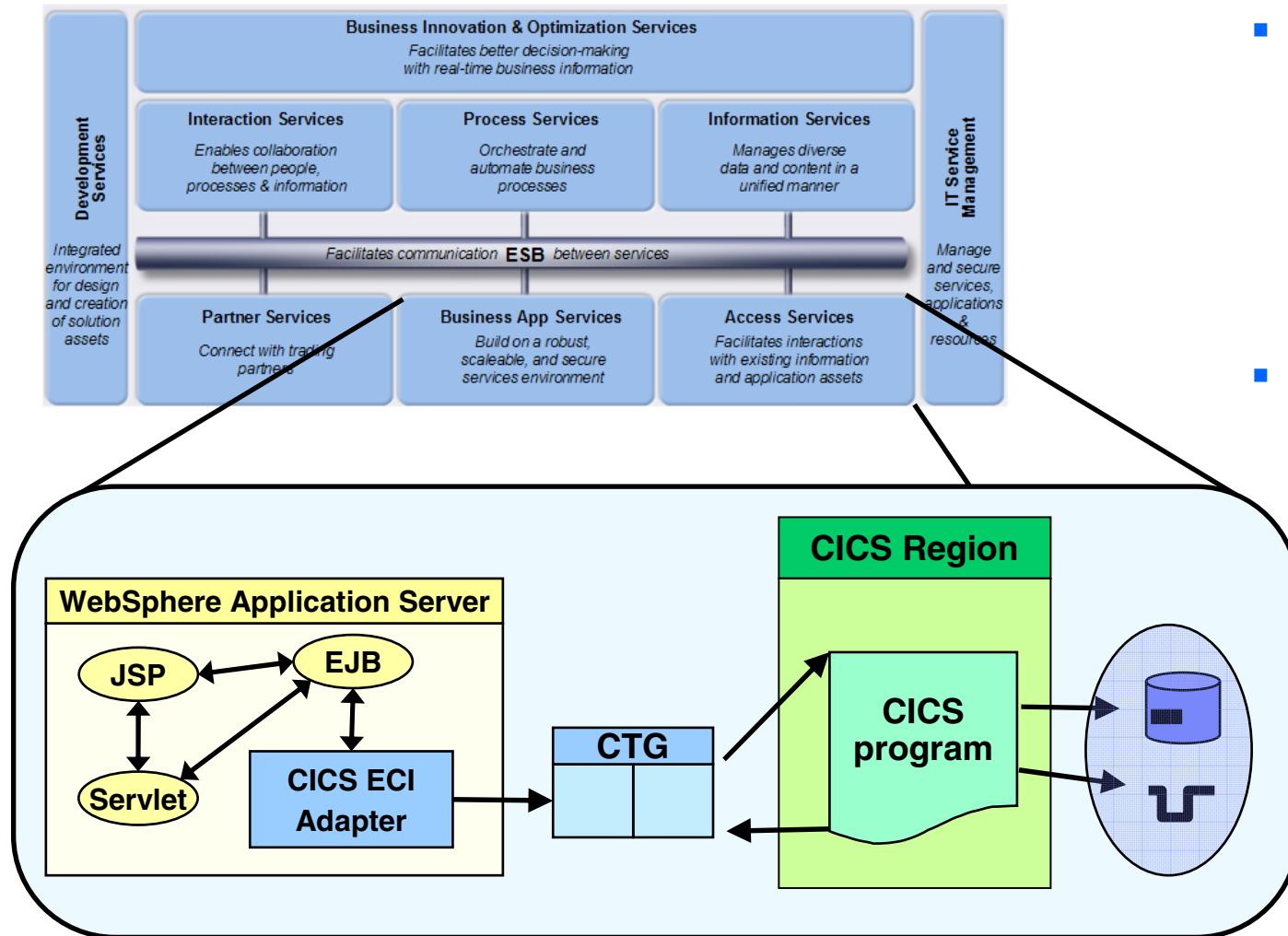
# SOA Integration with XA Resource Managers

## 2. Accessing the Resources



- Update Resource Managers using native commands
- CICS transaction syncpoint will drive 2 Phase Commit processing in all Resource Managers (RM)
  1. Prepare each RM in turn
  2. Commit each RM in turn

# TXSeries as a component of your SOA



- Full SOA integration is now possible using a combination of products
- Combination delivers a proven and robust solution

# Questions and More Resources

IBM Software - TXSeries - Product Overview: TXSeries for Multiplatforms - Mozilla Firefox

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## TXSeries for Multiplatforms

Version 6.1

**Overview**

- IBM TXSeries® for Multiplatforms V6.1 is the next generation of CICS for the IBM AIX®, Microsoft® Windows®, HP-UX® and SUN® Solaris platforms.
- This release of TXSeries for Multiplatforms, V6.1 includes vastly simplified installation, configuration, and administration through the complete removal of the DCE and IBM Encina prerequisites across all platforms. It also delivers a powerful and intuitive Web-based administration console, with same look and feel as WebSphere products, which further reduces complexity and introduces significant new function. TXSeries, V6.1 is now resilient enough to withstand planned or unplanned downtime of the database, or other XA-compliant resource managers.
- As a distributed transaction server, as well as a rapid deployment transactional integration platform, TXSeries for Multiplatforms has, for more than a decade, delivered high-performance transactional services in a modern, reusable, critical application environment. It enables you to develop managed TXSeries services written in COBOL, C, C++, PL/I and Java™, that can be integrated into your service-oriented architecture
- TXSeries for Multiplatforms is a distributed CICS Online Transaction Processing (OLTP) environment with an integrated CICS Structured File System (SFS) that is used for the deployment of business-critical applications.

We're here to help

Easy ways to get the answers you need.

Call me now

E-mail us

or call us at 877-426-3774 Priority code: 104CBW67

Available now: TXSeries for Multiplatforms V6.1

Learn more

**www.ibm.com/cics/txseries**

## Any Questions?

- ▶ Ask the IBM product teams
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TXSeries Version 6.1

