



AIM Enterprise Platform Software

TXSeries for Multiplatforms Executive Overview and Strategy

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TXSeries V6 - The Next Generation of
Distributed CICS



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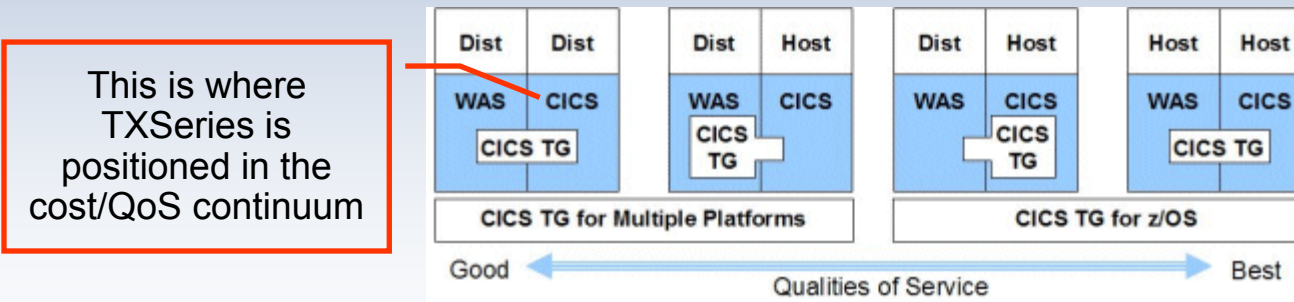
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What is TXSeries for Multiplatforms?

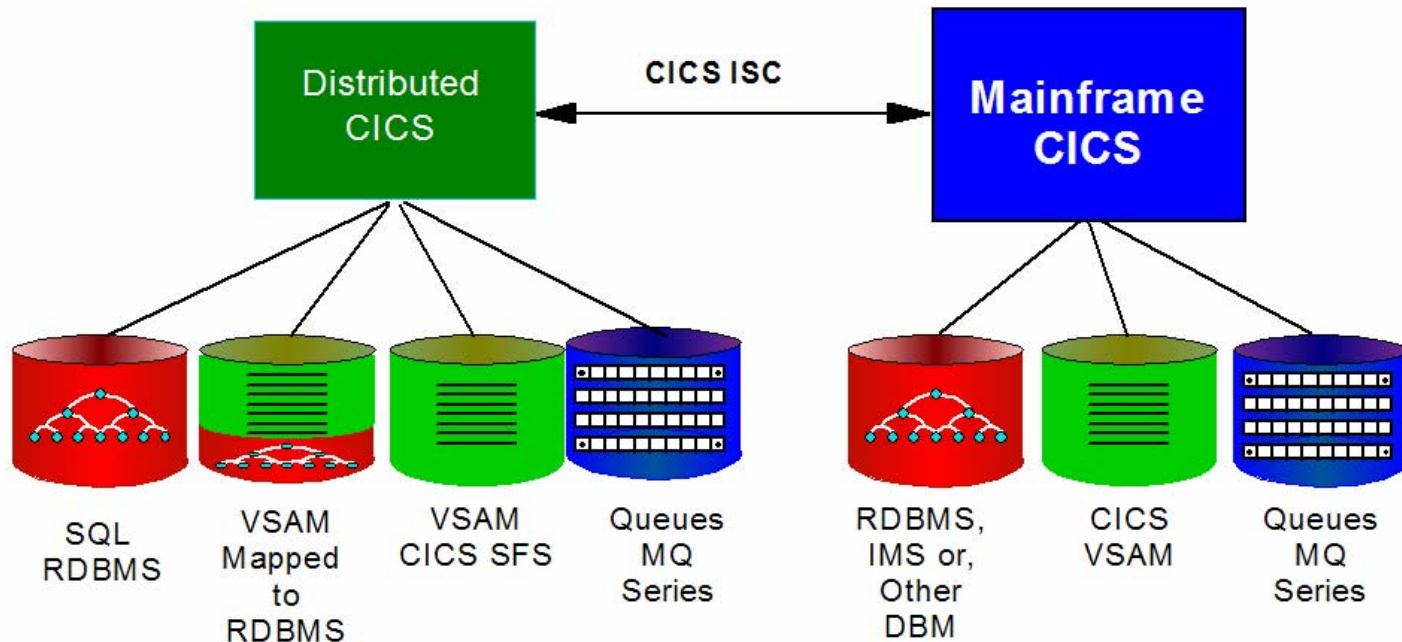
- **IBM's premier distributed transaction processing monitor for the AIX, HP-UX, Solaris and Windows environments**
- **Part of IBM's CICS family of products**
- **Provides business critical transaction and integration capabilities**
- **Proven for more than a decade to deliver modern, reusable, business critical applications**
- **Widely used in support of IBM mainframe and IBM WebSphere deployments**



- **... Allows you to scale up to CICS Transaction Server on the mainframe if the needs of your business grow (no other distributed TPM designed to allow this)**

Maximum Data Integrity with TXSeries

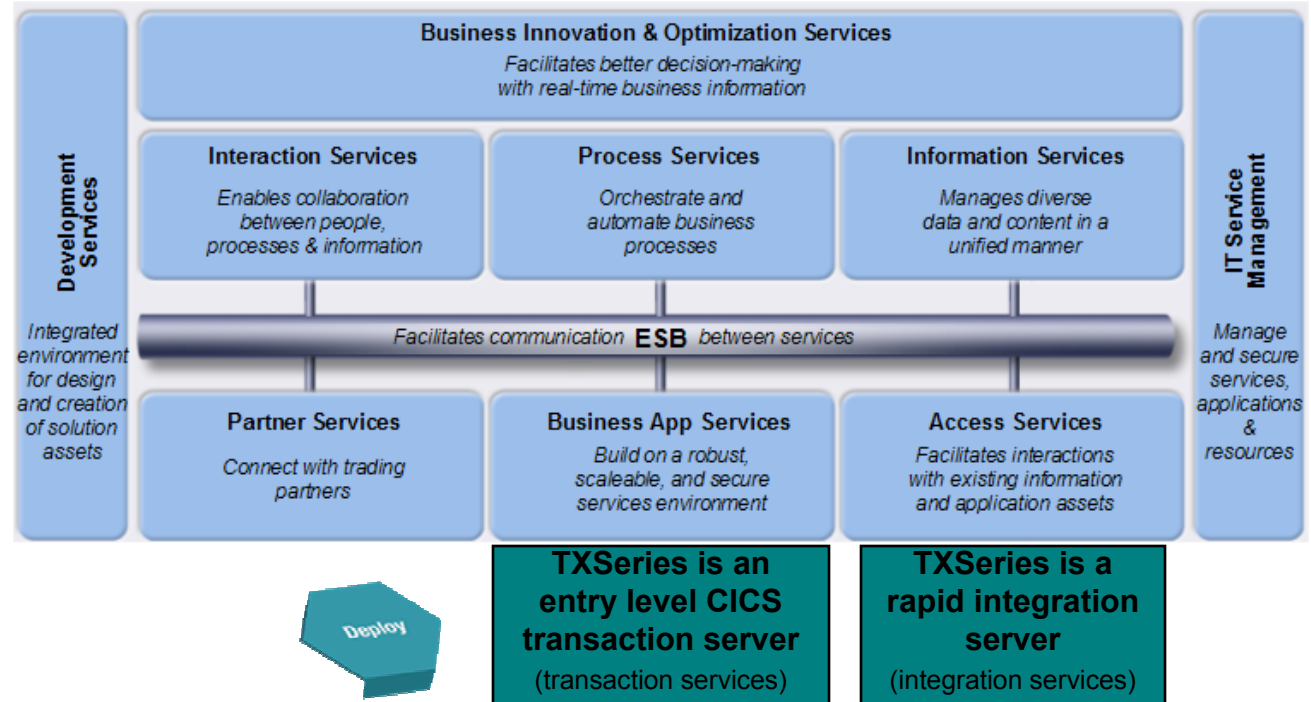
- All data sources can be included in a single unit of work.
- Two-phase commit for data integrity across the network.



TXSeries as a component of your SOA

- **Enabling end to end distributed mixed language solutions through integration with WebSphere and CICS Transaction Server for z/OS**
- **The JCA interface provided in the CICS TG connects TXSeries to the following WebSphere SOA server products:**

- WebSphere ESB
- WebSphere Application Server
- WebSphere Process Server
- **TXSeries with WebSphere MQ can connect to:**
 - WebSphere Message Broker
 - Any other product that supports native MQSeries transport



TXSeries is primarily used in two business value scenarios

Entry level transaction server

- As a transactional run time for custom application services
- As a composite transaction server connected to WebSphere Application Server
- As a distributed CICS server for local branch-level processing (Figure 1)

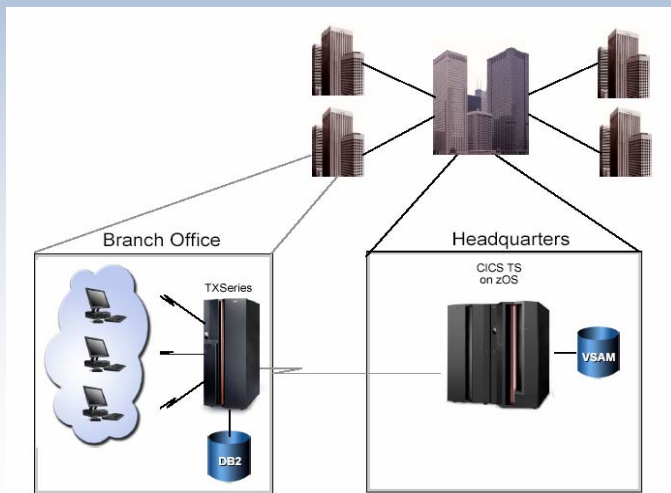


Figure 1: Branch-Office example

As a rapid integration server

- A consolidating mid-tier terminal server
- An intelligent mid-tier gateway (Figure 2)
- A comprehensive mid-tier integration server

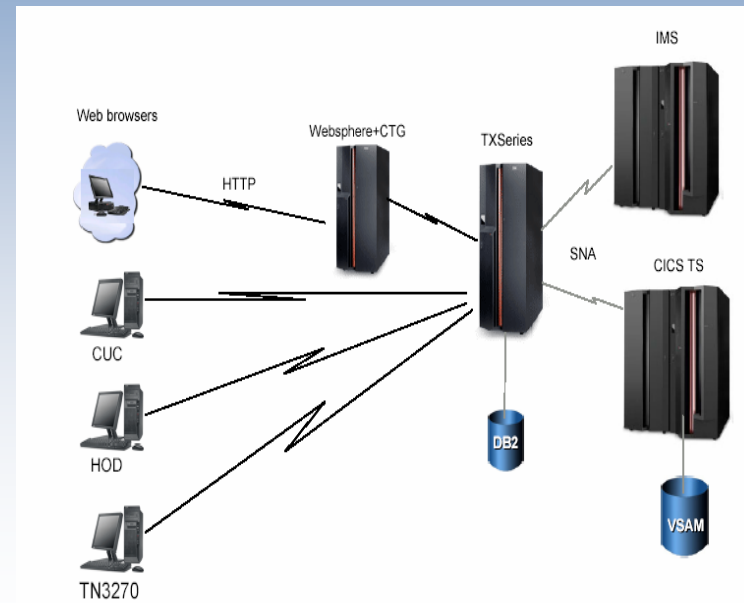


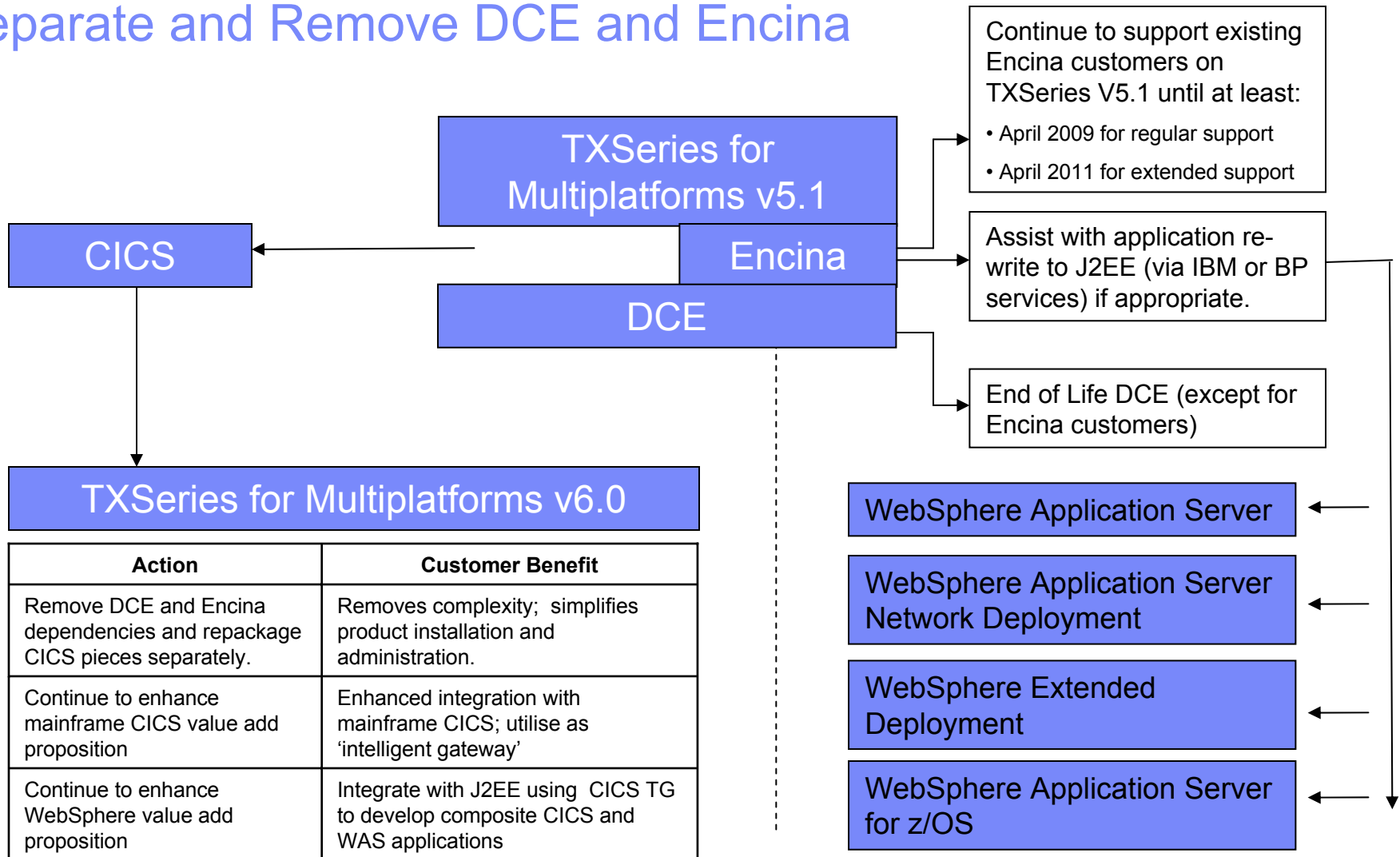
Figure 2: Mid-tier gateway example

IBM's non-mainframe CICS Strategy

- **The future of CICS on distributed platforms is focused around the common CICS for AIX code base**
- **TXSeries v6.0 for AIX became available on 6th December 2005**
- **Following customers will be encouraged to migrate to TXSeries v6**
 - TXSeries CICS v4 and v5
 - CICS TS for Windows
 - CICS TS for OS/2
- **IBM will continue to enhance this common code base for the foreseeable future**
- **We are taking requirements now – so it is a good time to make requests!**

The Encina portion of TXSeries for Multiplatforms will not be significantly enhanced – but will continue to be supported

TXSeries Strategy PHASE 1: Separate and Remove DCE and Encina



TXSeries Strategy PHASE 2 – Increase TXSeries and overall IBM Value Proposition

TXSeries V5.1 (all platforms)

Core Capability Enhancements:

- Fuller support of CICS Family API
- Enhancements in administration, management, and monitoring
- Performance, and Reliability, Availability, and Serviceability (RAS) improvements
- Optional use of Oracle as the CICS File Manager

2005

More Capability – Less Complexity:

- DCE and Encina removal across all platforms
- powerful new web based administration console
- Enable failure toleration of XA

TXSeries V6 Dot Next

WebSphere Developer for z Integration

TXSeries V6.0 (AIX only)

The Next Generation of Distributed CICS:

- Vastly simplified environment through complete removal of the dependencies on separate DCE and Encina products
- Security handling is simplified enabling use of a single user ID and password for both TXSeries and CICS Transaction Server

WDz Version Next



TXSeries Version Next

TXSeries SOA Asset Integration:

- Support for Channels and Containers will deliver greater than 32KB of inter-program data transfer enabling fuller SOA participation
- Enhanced TCP/IP networking capability between TXSeries, CICS TS and WebSphere
- And more...

2004

Remove DCE and Encina

Increase TXSeries and overall IBM Value Proposition

All statements regarding IBM's plans, directions, and intent are subject to change or withdrawal without notice.

Statement of Direction: Planned enhancements to the CICS family of products

Objectives:

- IBM recently announced a program of major planned enhancements to a number of products in the IBM CICS product portfolio
- The following statement points towards the future areas of enhancements for TXSeries
 - TXSeries for Multiplatforms is an entry-level CICS server that **for more than a decade has delivered high-performance, CICS-managed transactional services**, across a range of distributed platforms.
 - To facilitate the ease of integration of existing assets into a modern SOA, IBM has recently removed all dependencies on the separate Distributed Computing Environment (DCE) and Encina products from TXSeries on the AIX platform. **It is planned that this capability will be extended to the remaining platforms later this year.**
 - Following that, IBM intends to focus on the integration of TXSeries assets in modern SOAs by delivering **a structured method of inter-program communication that can be used across standards-based networks**. This will be delivered in line with established CICS design principles to maintain upward compatibility with CICS Transaction Server for z/OS.
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See IBM Software Announcement 206-096, dated 2nd May 2006

TXSeries V6.1 – Controlled Beta Program

The Next Generation of Distributed CICS: More Capability – Less Complexity

TXSeries 6

The Next Generation of Distributed CICS

More Capability

Less Complexity

New Administration Environment in V6.1

- New console looks and feels just like the WebSphere Application Server Administration Console
- Adds significant functionality and customer value over the command line interface and the legacy Windows GUI

▪ Beta Program:

- ▶ TXSeries V6 delivers the next generation of IBM distributed CICS TPM, without the DCE or Encina prerequisites
- ▶ TXSeries V6.1 intends to deliver *across all platforms* a significantly more available and easy to use TPM environment
- ▶ TXSeries V6.1 intends to deliver a powerful new web based administration console to manage, configure and debug TXSeries systems
- ▶ TXSeries V6.1 intends to enable failure toleration of XA, leading to reduced planned and unplanned downtime

Contact Andrew Bates at batesan@uk.ibm.com for more information regarding this Beta

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Back-up

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Distributed CICS

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TXSeries releases – the last 5 years or so...

- **TXSeries 4.2 for AIX, HP-UX, Solaris, Windows**
 - No longer available. Out of service.
- **TXSeries 4.3 for AIX, Solaris, Windows**
 - No longer available. Was shipped in WebSphere Enterprise Edition. Out of service.
- **TXSeries 5.0 for Multiplatforms**
 - Separately packaged; one package for multiple platforms:
 - V5.0 for AIX + Windows (available March 2002)
 - V5.0 for AIX, HP-UX, Solaris, Windows (November 2002)
 - End of Service effective end April, 2007
- **TXSeries 5.1 for Multiplatforms**
 - Available April 2004
 - AIX 5.1+5.2, Solaris 8+9, HP-UX 11.i, Windows 2000+2003
 - Most new features of any TXSeries release in last six years.

- **Plus approx 4 x PTF releases per year...**