



IBM TXSeries for Multiplatforms Version 5.1

Part 1: The Value of TXSeries® for Multiplatforms V5.1

CICS® for Unix
and Windows® environments

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What is TXSeries?

- **IBM TXSeries™ for Multiplatforms includes the CICS and Encina® application servers for AIX®, HP-UX, Solaris and Windows systems.**
- **TXSeries CICS is part of IBM's CICS family of products. You can optimize your applications' cost, performance, and qualities of service by choosing the appropriate set of CICS clients, gateways and servers to match your business needs.**

What is TXSeries?

- **Use TXSeries CICS to ...**

- **Build** new applications using traditional languages including COBOL, PL/I, C, C++, and Java™
- **Reuse** existing applications and application programming skill sets in your organization
- **Extend** CICS applications to the web and web services via the CICS Transaction Gateway and WebSphere® Application Server
- **Access** data and applications in various distributed and back-end systems including CICS and IMS

The Value of the CICS Family of Products

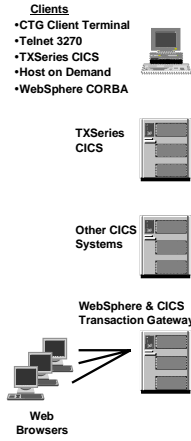
- **Proven Online Transaction Processing environment**
 - Provides a reliable application server for business solutions
 - Robust, Secure, Extendable, Scaleable, Superior Performance
- **Comprehensive application support**
 - Rich functionality, including distribution of function and data
 - Multiple Programming Languages
 - Runs on multiple platforms
 - Enables wide range of business solutions to be built and deployed

The Value of the CICS Family of Products

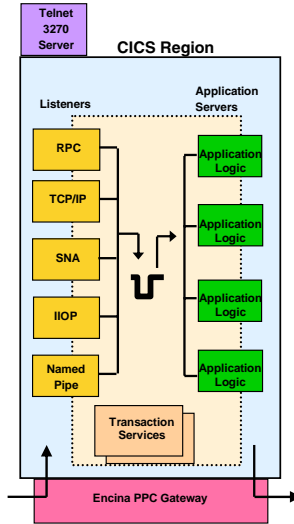
- **Enables e-business evolution**
 - Enables existing business solutions to grow into e-business solutions
 - Extend existing investments to exploit new technologies and the WebSphere platform
 - Deploy e-business solutions without rewriting existing applications
 - Reduce time to market
 - Maximize existing skills and capabilities
 - Fast, reliable and cost effective ways to modernize existing applications
 - Provides integration with all modern desktop environments
- **And a very large and loyal customer set!**

TXSeries CICS in Pictures

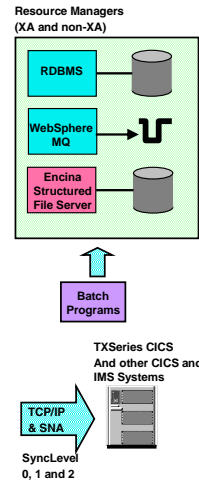
Inbound Work



TXSeries - CICS



Target Resources



TXSeries CICS

- **Designed for distributed transaction processing**
 - Flexibility in distribution of components
 - Comprehensive interoperability
 - Scalable, Reliable, etc.
- **Choice of programming models**
 - Procedural or Object-oriented
- **Choice of programming languages**
 - COBOL, PL/I, C, C++, Java
- **Supports open standards**
 - Java, CORBA, X/Open XA interfaces

TXSeries CICS

- **Provides CICS facilities**
 - EXEC CICS API
 - CICS intersystem communication
- **Supports XA-compliant Resource Managers**
 - Relational Database Management Systems
 - IBM DB2[®], Oracle[®], Informix, Sybase, Microsoft[®] SQL Server
 - Messaging systems
 - WebSphere MQ
 - Includes a record-oriented file system
 - Provides VSAM-like support - used by CICS
- **Batch access as well as online**
- **Runs on multiple platforms**
 - AIX, Solaris, HP-UX PA-RISC, Microsoft Windows

TXSeries CICS Deployment Patterns

- **Intelligent gateway/router for host CICS/IMS systems**
 - security checks
 - integration with other distributed systems
 - smart routing to host region
- **Branch office server**
- **Application server**
 - New apps for customers who don't have mainframes
 - ISVs who offer their CICS-based product for distributed platforms
 - Customers rehosting targeted applications from the mainframe

- **Solutions typically include ...**
 - WebSphere and CICS Transaction Gateway – for web clients & web services
 - CICS Universal Client – for desktop clients
 - One or more relational databases

Further Information

- **TXSeries for Multiplatforms V5.1 announcement letter**
 - ZP04-0135 available at <http://www.ibm.com/wwoi>
- **Main Website**
 - <http://ibm.com/software/http/txseries>
- **Support Web page**
 - <http://ibm.com/software/http/txseries/support>
 - PTFs, Hints & Tips, supported software stack
- **Publications Web page**
 - <http://ibm.com/software/http/txseries/library>
 - Recommended publications
 - Concepts and Planning
 - Planning and Installation Guide
 - Release notes

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