

TIBCO Mainframe RED

Reduce overhead and maximize performance for all applications running on z/OS

BENEFITS

- Reduce overhead costs**
 Easy maintenance and zIIP processor eligibility
- Maintain system efficiencies**
 Point-to-point and multi-distribution communications using 64-bit storage
- Provide enterprise-grade services**
 Fault tolerant, high availability; no LPAR or TCP/IP stack boundaries
- Deliver enhanced integration**
 TIBCO Substation ES™ empowerment; API monitoring for tasks, senders, and listeners

Mainframe RED provides the latest innovations to help z/OS users lower costs and benefit from higher efficiencies. It can help you develop applications faster and ensure scalability, further reducing TCO.

COST REDUCTION

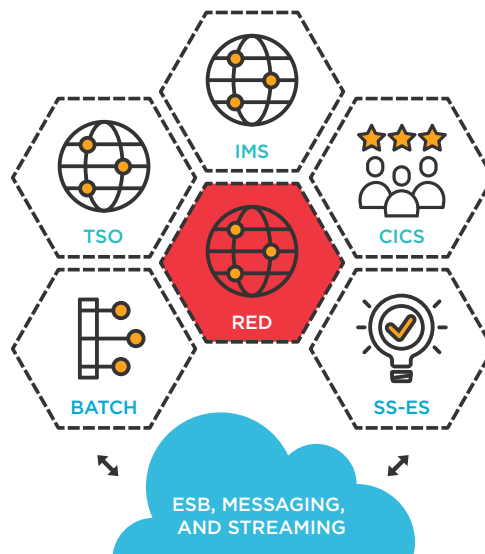
Every day, zSeries mainframes all over the world rely on TIBCO technology for executing billions of transactions—and TIBCO® Mainframe RED technology can potentially reduce millions of service processing units (MSUs) by executing efficiently and using the latest technologies.

HIGHER PERFORMANCE

Mainframe RED takes full advantage of IBM’s Simultaneous Multithreading Technology (SMT) available on the IBM z13 and later servers. SMT offers intelligently implemented simultaneous two-way multithreading, whereby two active instruction streams per core can each dynamically share the core’s execution resources. SMT is available for workloads running on IFL and zIIP.

DIGITAL TRANSFORMATION

TIBCO’s core principles, to interconnect everything and augment intelligence with data, empower users to be self-sufficient and do more. By helping unlock mission-critical information, Mainframe RED can change the integration landscape for organizations using IBM’s z Series mainframe. Consider Mainframe RED for improving your agility and preparing for a cloud-ready strategy.



Mainframe RED messaging communications is supported by a well-defined API that allows interactions between all z/OS applications. The system Inter-connects with other platforms using TIBCO® Messaging, TCP/IP, or TIBCO Substation ES™ enterprise switch.

ATTRIBUTES AND CAPABILITIES

REDUCED MSUs, BETTER PERFORMANCE

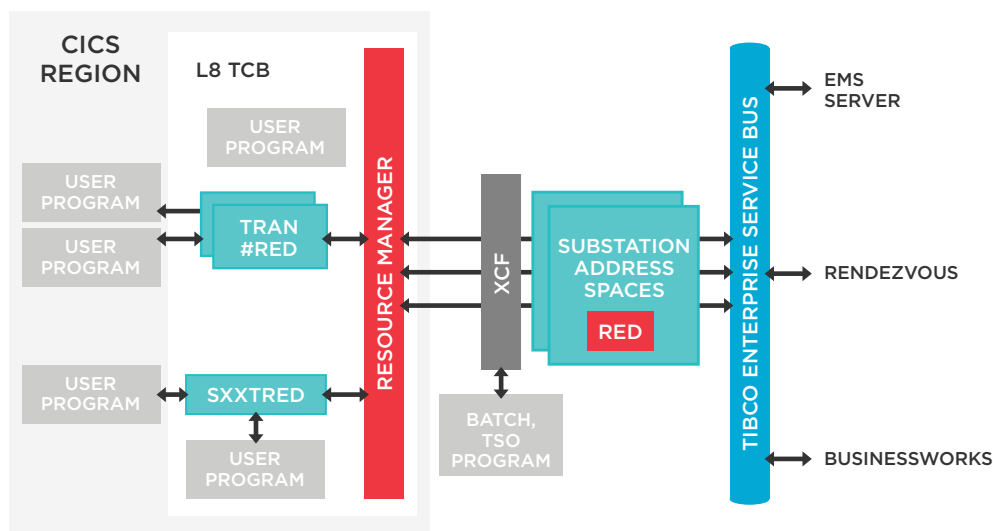
With Mainframe RED software, communicating applications in z/OS can send small or large data areas using 64-bit memory. Use of zIIP processing reduces million service units (MSUs). Cross-partition communications within the same SYSPLEX is very fast and efficient using IBM's XCF protocol.

EASY TO USE

A well-defined API supported by an operational HUB makes using Mainframe RED easy. The HUB establishes common routines (Error, Recovery, CVT, etc.) for all applications in a logical partition (LPAR) enabling easy maintenance and operational control.

Mainframe RED together with TIBCO Substation ES™ provides:

- High performance integration
- Flexibility and agility
- High availability
- Off-host data enrichment
- Access to world-class orchestration and mediation suites
- Standard and enhanced connectivity options
- CICS, IMS, and batch applications with configuration-only integration



CICS Integration Overview



Global Headquarters
 3307 Hillview Avenue
 Palo Alto, CA 94304
 +1 650-846-1000 TEL
 +1 800-420-8450
 +1 650-846-1005 FAX
www.tibco.com

TIBCO fuels digital business by enabling better decisions and faster, smarter actions through the TIBCO Connected Intelligence Cloud. From APIs and systems to devices and people, we interconnect everything, capture data in real time wherever it is, and augment the intelligence of your business through analytical insights. Thousands of customers around the globe rely on us to build compelling experiences, energize operations, and propel innovation. Learn how TIBCO makes digital smarter at www.tibco.com.

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