



XFRAME[®] Rehosting Platform

Version 4.2

Product Datasheet



Product components		
On-line Transaction Server (TP Monitor)	XCICS Transaction Server	
BATCH runtime system	XEBE	
JCL migration tool	XJCONV	
VSAM subsystem	XVSAM	
SORT utility	XSORT	
Scheduler	XBM	
Printouts management system	XSPOOL	
Migration tools	XJCONV	JCL to Shell/WSH scripting
	H2X	Program conversion tools: <ul style="list-style-type: none"> • COBOL Syntax adapter • E/SQL adapter
	XCONV	Data migration tool for files and DB2
Add-ons	XUC	XFRAME Unified Console
	XJWEB	3270/BMS scraping system for J2EE/JSP
	JEDI	Interactive file editor

XCICS Transaction Server	
Architecture	Pre-allocated shared pool of server processes
Internal communication facilities	System IPC
Supported external communication protocols	Native X4J TN3270 Telnet TCP/IP sockets and EZASOCKET SOAP HTTP/HTTPS SNA APPC ¹
Programming language support	COBOL (MicroFocus ServerExpress) COBOL (AcuCOBOL) OpenCOBOL PL/I (Liant OpenPLI) ² C language (system native compilers and GCC) Java (J2SE 1.4.x)
Mainframe CICS compatibility	Compatible with IBM CICS/TS 3.1 and earlier
Mainframe IMS/DC compatibility	Optional (XIMS Compatibility Toolkit) ⁴
Pre-compiler	EXEC CICS compatible EXEC DLI compatible
Configuration	Text file based
Administration	Command-line tools Remote GUI interface
Supported configuration tables	TCT Terminal Control Table PCT Program Control Table PPT Program Processing Table SNT Sign-on Table MPS Mapset Table DCT Destination Control Table DBC Database Binding Table FCT File Control Table JCT Journaling Control Table CCT Connection Control Table URM URIMAP Table TPL Document Templates Table

On-line configuration reloading	Yes
On-line administration	Yes
New copy functions	Yes
Transaction logging	Yes
On-line debugging	Yes
User Communication Areas supported	CWA TWA TCTUA COMMAREA
Data Integrity Features	Recovery log Back-out Warm & Cold start
Transaction Integrity service	SYNCPOINT & ROLLBACK
Temporary Storage services	Disk Memory
Transient Data services	Intra-partitioned Extra-partitioned Triggered
File services	KSDS ESDS RRDS
Database connectivity	Oracle 8i or higher IBM UDB MySQL Postgres SQL Microsoft SQL Server ³ ODBC compliant databases
IMS/DB – DL/I connectivity	Optional (H2R) ⁴
Program services	Yes
ABEND services	Yes
BMS Level	Full
HANDLE AID/CONDITION/ABEND services	Yes

INQUIRE/SET services	Yes
ASSIGN services	Yes
Journaling services	Yes
Document services	Yes
WEB services	Yes
Inter System Communication facilities	DTP - Distributed Transaction Processing DPL - Distributed Program Link RFA - Remote File Access
APPC SYNCLEVEL support	0 – NONE 1 – CONFIRM 2 – SYNCPOINT
CWI - CICS Web Interface features	HTTP Server HTTP client SSL support URIMAP support (server & client) Socket keep-alive
MQ/Series integration ²	Adapter Mechanism (CKTI Trigger Monitor) 2PC Transaction Handling Automatic Connection
LDAP integration	Oracle LDAP ² Mozilla LDAP ² OpenLDAP ² Virtually any other LDAP compliant library ² Microsoft LDAP interface ³

Batch Environment

Architecture	Native programs and scripts
JCL conversion	Fully automated and customizable
Source environment compatibility	z/OS OS/390 MVS VSE Sun MBM/Clerity UniKix
Scripting (UNIX & Linux)	C Shell Korn Shell BASH
Scripting (Windows)	WSH (Windows Script Host)
File support	XVSAM Sequential Line sequential
DD / DLBL external file binding	Yes
IN-STREAM SYSIN / Files support	Yes
PARMLIB support	Yes
DISP Disposition support	Yes
CATALOG support	Yes
ASA printing support	Yes
AFP support	Yes
FCB support	Yes
PROC support	Yes
z/OS like Dynamic DD substitution support	Yes
Database Binding	Yes

Database connectivity	Oracle 8i or higher IBM UDB MySQL PostgreSQL Microsoft SQL Server ³ ODBC compliant databases
SORT Utility	XSORT (embedded)
XSORT data cards compatibility	DFSORT R14 for OS/390 DFSORT for VSE
Advanced scheduling/workload features	Optional (XBM)
Web spooling system	Optional (XSPOOL)

Platform Availability

IBM AIX	PPC (POWER PC)
Hewlett-Packard HP-UX	PA_RISC IA64 (Itanium)
Sun Solaris	SPARC
Linux	I686 s390 (z/Linux 31 bits) s390x (z/Linux 64 bits)
Microsoft Windows Server 2003	I686

Notes:

- (1) Through Data Connection Communication Software family (DC SNAP-IX, IBM Comm. Server, HP SNAPPlus2, Microsoft Host Integration Server)
- (2) On UNIX/Linux platforms only
- (3) On Windows platforms only
- (4) Not currently available on Windows platforms: planned for future releases