



IT Modernization with XFRAME®

Speedware presents XFRAME: the most complete rehosting solution for IBM mainframe modernization.

Many companies continue to rely on mainframes to run their core business applications, believing there are no alternatives when performance and reliability are crucial.

XFRAME, from HTWC, makes it possible to run these same applications at a fraction of the cost, with no compromises in speed or system integrity.

XFRAME - Helping Your Business

Rehosting mainframe applications on lower cost, open platforms offers several advantages over complete application reengineering or over maintaining the current mainframe environment. In a rehosted environment, you protect your investment in existing business logic and applications, while opening the door to a newer, open and scalable infrastructure that can be easily extended. Because the applications are maintained intact, current development and administrative resources can adapt easily to the new environment with minimal retraining.

Mainframe rehosting with XFRAME can significantly cut hardware acquisition and maintenance costs, offering the ability to choose from many vendors and options, as opposed to the closed, proprietary mainframe environment. Most importantly, rehosting with XFRAME offers these advantages in a solution providing the same, or better reliability, performance and scalability than the legacy environment.

With XFRAME, legacy applications can be rehosted on systems running UNIX, Linux or Windows while maintaining full functionality and business logic.

XFRAME provides a suite of tools that make the migration process quick, low-risk and extremely cost effective. When combined

with Speedware's unparalleled professional services, the result is a unique solution that responds to specific customer requirements.

Mainframe Applications on Open Systems

XFRAME provides a scalable, reliable and high-performance framework to run programs written in a variety of languages, including COBOL, PL/I, Assembler and C languages on UNIX, Linux or Windows. It contains a transaction server to execute CICS and IMS/DC applications, and a complete batch environment to run mainframe batch processes from z/OS and VSE systems.

XFRAME supports the most important UNIX, Linux, and Windows compilers for COBOL, PL/I, and C, as well as many standard middleware solutions such as IBM WebSphere MQ and LDAP servers. XFRAME also supports popular databases such as Oracle, IBM DB2 UDB and open-source databases such as MySQL.

Java technology is highly integrated into the XFRAME platform, allowing you to mix legacy programs with Java classes. TCP/IP and SOAP based services offer the possibility to deliver legacy services across the enterprise, providing the foundation for developing modern infrastructures such as a Service Oriented Architecture (SOA). With a complete set of tools and utilities, along with support for a wide range of target platforms, XFRAME offers the most complete rehosting solution on the market today.

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XFRAME Components

- **XCICS™ – XFRAME Transactional Server**
XCICS/TS is the CICS-compatible TP monitor of the XFRAME platform, designed for UNIX, Linux and Windows architectures, to natively support IBM CICS applications.
- **XEBE – XFRAME Enhanced Batch Environment**
Efficient and reliable execution of batch applications is critically important for many mainframe users. XFRAME provides a complete batch environment for rehosting mainframe batch applications, with full support for legacy features including JCL conversions and replacements for VSAM, SORT, SPOOL and much more.
- **XSPOOL – Web Spooling System**
XSPOOL provides additional functionality and flexibility. Through the XSPOOL batch interface, programs may send their printouts to the XSPOOL repository. Once there, remote users may connect to the XSPOOL web interface with a standard browser and navigate, search and view their own printouts.
- **XBM – Batch Manager**
XBM is an optional component that provides an industrial, enterprise-strength scheduling/workload manager solution for UNIX, Linux and Windows systems. It is the ideal add-on for the XFRAME Batch Environment, because it is designed to handle rehosted applications, reproducing MVS/JES2 and VSE/POWER features.

XCICS Highlights

- Full IBM CICS Source Compatibility
- IMS Toolkit for IMS/DC Compatibility
- Support for COBOL, PL/1, C and Java Applications
- Relational Database Integration
- Robust Inter-System Communication Support
- TN3270 Terminals Management

XEBE Highlights

- z/OS, OS/390, MVS & VSE Jobs Conversion
- Customizable JCL Batch Converter
- Pure Shell Scripting
- Runtime VSAM Support
- Built-in SORT Utility
- ASA & AFP Printing Support

Platform Availability

Unix	Solaris (SPARC), HP-UX (PARISC & Itanium), AIX (POWER)
Linux	i386 (Intel Pentium/Xeon), s390 (31bit z/Linux), s390x (64bit z/Linux)
Windows	i386 (Intel Pentium/Xeon)
COBOL Compilers	Micro Focus COBOL, Fujitsu NetCOBOL, OpenCOBOL

About Speedware

Speedware has been dedicated to helping companies modernize their business applications for over 15 years and enjoys a 100% project success rate. The company specializes in developing end-to-end modernization solutions that allow industry and government leaders to increase their business agility and reduce their operational costs. Speedware has been a leading provider of enterprise software solutions since 1976, offering a complete suite of legacy modernization, migration and application portfolio management solutions, business intelligence tools and application development solutions.

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