

AMXW (AUTOMATED MIGRATION TO UNIX AND WINDOWS)

a product of

SPEEDWARE



A one-stop solution for automated migration of 3GL applications for HP e3000 customers

HP e3000 applications written in COBOL, SPL, C, FORTRAN, or Pascal are tailored to the MPE environment and rely on compiler extensions and MPE concepts. Existing code must be adapted or replaced to work with newly acquired compilers, databases and intrinsics.

Solving the Migration Challenge

AMXW includes all of the tools necessary to rise to this challenge. Code is automatically converted for new compilers. Developers do not need to modify MPE specific code. AMXW's automated code conversion, MPE shell and MPE intrinsics libraries gets you up and running on your new platform in no time.

The MPE, VPLUS and Image intrinsics calls are unaltered and continue to function natively in the new environment, without effecting performance. JCL batch jobs, files equations, JCW, UDCs, command files and variables are all supported allowing the MPE environment to run 'as is' on the new platform.

Reduces Time and Cost

AMXW is capable of migrating HP e3000 applications in a fraction of the time required by other methods. Code translation speeds can attain one million lines of code per day - without manual supervision.

Streamlines COBOL Migration

AMXW is particularly well suited for companies that rely on applications written in HP COBOL 85. Programs, source code, copy libraries and \$include files are automatically converted to work with ACUCOBOL-GT (ACUCORP) and Micro Focus's Net and Server Express.

Continued Application Performance and Business Continuity

Applications migrated using AMXW maintain performance and operated the same way in the new environment even after the database has migrated to and RDBMS. Using native database, file and operating system access, AMXW provides the highest level of performance. The MPE intrinsics library supports the most commonly used MPE intrinsics. Environment variables, process creation and command execution remain untouched in the application and run natively on the target platform. Besides native UNIX, Linux and Windows commands AMXW's MPE shell supports a wide range of MPE commands and functionality.

Database and File Migration Made Easy

Image, TurboImage and Allbase databases along with KSAM and flat files can be migrated to Eloquence and other popular database management systems. AMXW's target database access is very efficient as it uses native calls while leaving TurboImage and file intrinsic calls untouched.

Key Features and Benefits

- Code crunching automates conversion
 - MPE and compiler specific 3GL code automatically converted to work with new compilers, environments and platforms by modifying, removing and adding code to minimize manual work.
- Compatible intrinsics library leave code intact
 - MPE and data intrinsics are supported eliminating the need to modify intrinsic calls, allowing applications to run on the target platform and access the database and file types of choice.
- MPE Shell runs MPE Commands
 - included with AMXW, the shell supports MPE commands and concepts. It can run functions such as JCL batch jobs, UDCs, command files and MPE Utilities (e.g. FCOPY). UNIX, Linux and Windows native commands are also support to help with a gradual transition to a new native environment.
- Database capabilities afford quick migration
 - Migrates TurboImage, and Allbase databases and KSAM and flat files to a variety of target databases and files systems, such as Oracle, SQL Server, DB2, Sybase, Informix, Ingres, databases and Acucobol-GT and Micro Focus file systems.
- MPE files supported on other platforms
 - KSAM and flat files may continue to be used on other platforms. KSAM files are migrated to equivalent files systems or RDBMSs. AMXW also supports sequential, temporary, circular, RIO, Catalog, byte stream and message files.

Supported Environments

| | |
|--------------------|---|
| Source Databases: | Image, TurboImage, Allbase |
| Files: | Sequential, Message, Temporary, Circular, RIO, Byte stream, Indexed(KSAM), Catalog, SPOOL |
| Languages: | COBOL, HP FORTRAN, SPL, C, and HP Pascal |
| Screens: | VPLUS, VFORM, Terminal I/O |
| System Calls: | MPE System Intrinsics, VPLUS and database intrinsics |
| MPE functionality: | JCL, command files, UDCs, variable substitution, JCWs, Spooling, Batch Jobs Interface |
| Utilities: | SORT/MERGE, FCOPY, KSAMUTIL |
| Target Platforms: | HP-UX, IBM AIX, Sun Solaris, Windows 2000 and XP, Linux |
| Target Databases: | Oracle, DB2, Sybase, Eloquence, SQL Server, Informix, Ingres |

MB Foster an authorized AMXW sales and support center
 Visit www.mbfoster.com for more information
 or contact us at 1-800-ANSWERS



82 MAIN STREET SOUTH · CHESTERVILLE, ONTARIO · CANADA K0C 1H0
 PHONE: 613-448-2333 OR 1-800-ANSWERS (267-9377) · FAX: 613-448-2588 · WWW.MBFOSTER.COM