



MPE Support for migrated HP e3000 applications

With MPUX, Ordina-Denkart has created a dependable MPE sub-system that will eliminate the original hardware platform before you undertake application re-engineering, code conversion or perhaps selecting a new application package.

MPUX lets you take MPE with you

All of the features you require to run, maintain and manage your HPe3000 application on another platform are included. Features have been emulated so perfectly, you may forget that you are using a new platform. MPUX provides complete emulation from intrinsics to the command interpreter.

Applications are not isolated in the emulation environment, they have access to all native platform services. MPUX may also be used as a shell for an individual application remaining invisible to the users. Additionally, the intrinsics sub-system may be used individually.

Command Interface

The command interface emulates the HPe3000 interactive environment. MPE compatibility extends to UDC's, file equations and the three-level file system. A partial list of commands are:

ABORT-ABORTIO-ABORTJOB	OUTFENCE
ALTSPOOLFILE-ALTUSER	PREP-PREPRUN
BREAKJOB	PRINT
BUILD	PURGE
COB74*-COB85*-COBOL*	REDO
COPY	RELEASE
ECHO	RENAME
EDIT	RESUMEJOB-RESUMESPOOL
FCOPY	RUN
FILE	SAVE
HELLO	SET
INPUT	SETJCW-SETMSG-SETVAR
JOB-JOBFENCE-JOBPRI	SHOWJOB
LIMIT	SHOWOUT
LISTACCT	SPL-SPLGO-SPLPREP
LISTF-LISTFTEMP	STARTSPOOL-STOPSPPOOL
MPE	STREAM
NEWACCT	TELL-TELLOP
NEWGROUP-NEWUSER	AND MORE

Sub-Systems and Utilities

MPUX includes a spooler, batch sub-system (including support for job streaming), JOB and SESSION management and more. Utilities like FCOPY, SORT and MERGE have their counterparts in MPUX. Together these subsystems and utilities provide an MPE environment that is compatible in both interfaces and operation.

Intrinsics and System Support

All services are built on top of a genuine INTRINSICS layer, just like MPE. This layer provides compatible services to both MPUX and any migrated applications. Consistent results are achieved regardless of whether you are accessing MPUX as an application programmer or as a user. The following intrinsic categories are available in MPUX:

- *File system intrinsics:* all functions for all file types (except RIO Support)
- *Process intrinsics:* CREATEPROCESS, ACTIVATE, SUSPEND, PROCINFO and many others
- *Catalog intrinsics:* the entire set is available
- *XDS intrinsics:* GETSEG, FREEDSEG, DMOVIN, DMOVOUT and others offer complete emulation
- *NETIPC:* emulates HP's particular IPC functions
- *System:* COMMAND and HPCICOMMAND are fully supported

Availability

MPUX is available for HP-UX, Itanium, and Linux platforms. MPUX is part of the ViaNova 3000 suite of products including cross-compilers, DBMS' and GUI toolkits, etc.