

PICK Systems, Inc.

RELEASE NOTES

July 16, 1998

mv.ENTERPRISE

Release 4.0.5b on UnixWare

(Part Number 88-02003A01)

Doc. Rev. AH

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This document refers to products that might yet be announced by Product Marketing or be generally available. Please consult your PICK Systems Representative for more information.

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mv.ENTERPRISE Release 4.0.5b

Product Overview

mv.ENTERPRISE is a specialized database management operating system that runs on an online, multi-user environment. All system resources and data files are efficiently managed by a true virtual memory operating system which provides users with maximum performance and reliability. The mv.ENTERPRISE Operating System is specifically designed to provide efficient and cost-effective data management application tools.

NOTE: It is important that you read through ALL sections of these *Release Notes* and the *Installation Guide* before you install mv.ENTERPRISE. If you have any questions or comments, please call PICK Systems Customer Support at (949) 261-1875 or your local office before proceeding.

New Features Since mv.ENTERPRISE 4.0.4

The following new features are included in mv.ENTERPRISE Release 4.0.5b, and have been added since mv.ENTERPRISE 4.0.4.

System Enhancements

- Improved the performance of the SHUTDOWN and WARMSTOP commands.

New Features Since mv.ENTERPRISE 4.0.1

BASIC Enhancements

- Enhanced the SYSTEM function to now return two attributes for SYSTEM(100).
 - The first value returns the software version and release date.
 - The second value returns a 3-character code which identifies the operating system. The codes are:

Code	Operating System
AIX	AIX
MPR	MP-RAS
UXW	UnixWare

Hardware Dependencies

The floppy disk drive is not currently supported under mv.ENTERPRISE Release 4.0.5b.

Software Dependencies

mv.ENTERPRISE Release 4.0.5b requires UnixWare Release 2.01, 2.03 or 2.1.

Corrections and Restrictions

The following sections include errors and corrected SPRs or restrictions for this release. Where appropriate, associated SPR numbers are noted within parentheses.

Since mv. ENTERPRISE 4.0.4

Access Corrections

- Corrected problem with not recognizing data-file D-pointers properly when the filename is an ACCESS modifier (SPR 2655).

Basic Corrections

- Corrected problem in assigning an unassigned variable to a named common variable.
- Corrected abort problem when displaying the value of a named common variable in the BASIC debugger.

Monitor Corrections

- Corrected problem with option `-h` not working correctly with the `-ol` and `-ot` option on a telnet disconnect.
- Corrected problem with monitor options `-ol` and `-ot` not working correctly on a telnet disconnect.

Proc Corrections

- Corrected problem with NEWPROC file read command not reading records correctly.

Save/Restore Corrections

- Fixed problem with the `C` option not working correctly on pointer items.

Scribe Corrections

- Corrected problem with ~INSERT causing intermittent aborts when printing a document.
- Fixed intermittent problem with cut and paste functions not working correctly.

Since mv. ENTERPRISE 4.0.1

BASIC Corrections

- Improved workspace usage in tighter loops when using FOR/NEXT loops.
- Fixed problem with GET statement not returning on a Phantom line when an EOF is encountered.

Monitor Corrections

- Corrected problem with monitor option -Ol not working correctly on a telnet disconnect.

Save/Restore Corrections

- Corrected problem with restore options I and D not working correctly.

Cautions

kill -9

Issuing a kill -9 of an mv.ENTERPRISE process can have unpredictable and/or catastrophic side effects including database/overflow corruption. Further, restarting a Pick process without having initialized the line via a LOGOFF (Z may cause additional system damage.

WARNING: A kill -9 should not be used to remove a process unless recommended by PICK Systems Customer Support.

A performance change in mv.ENTERPRISE, which reduced how often a process updates its virtual return stack image, requires that a WHERE be executed on a process before a kill -9 is performed. The WHERE will signal the process to update its process virtual return stack image. Verification that the signal was received should be made by executing a second WHERE.

Before performing a kill -9, the user should always verify the Unix process status of an mv.ENTERPRISE process. Unless the process is known to be waiting at terminal I/O, performing a kill -9 will require that the Pick process virtual return stack be cleaned up prior to restarting the Pick line. The process can be cleaned up using LOGOFF (Z. This is the only time LOGOFF (Z should be used. If LOGOFF (Z is required to logoff a Pick line under normal conditions, you have a problem which requires the intervention of PICK Systems Customer Support.

IMPORTANT: A kill -5 HAS THE SAME EFFECT ON PICK AS A kill -9.

Documentation

The following documentation supports mv.ENTERPRISE Release 4.0.5b:

- mv.ENTERPRISE User Reference Manual
(Part Number 84-00014A00).
- Assembly Language Manual (Part Number 05627-001).

To order any of the above titles, or to inquire about other manuals published by PICK Systems, contact Order Administration at the following address:

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If you have any requests, comments, corrections or questions regarding the *content* of mv.ENTERPRISE documentation, contact the Technical Publications Department at PICK Systems through the above address or at documentation@picksys.com.

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