

General Automation, Inc.

RELEASE NOTES

October 30, 1997

mv.ENTERPRISE

Release 4.0.3 on AIX

(Part Number 88-02001A01)

Doc. Rev. AB

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

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1. mv.ENTERPRISE Release 4.0.3

1.1 Product Overview

mv.ENTERPRISE is a specialized data base 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 Release 4.0.3. If you have any questions or comments, please call General Automation Customer Support at (800) 648-5258 before proceeding.

1.2 New Features Since mv.ENTERPRISE 4.0.1

The following new features are included in mv.ENTERPRISE Release 4.0.3.

1.2.1 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

1.2.2 Transaction Logger Enhancements

- Transaction logger now supported.

1.3 Hardware Dependencies

The floppy disk drive is currently not supported under mv. ENTERPRISE Release 4.0.3.

1.4 Software Dependencies

mv. ENTERPRISE Release 4.0.3 requires AIX Release 4.2.1.

2. Corrections and Restrictions

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

2.1 Corrections

2.2 Restrictions

3. Cautions

3.1 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 General Automation Customer Support.

A performance change in mv.ENTERPRISE, which reduced how often a process updates its virtual return stack image, requires 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 the Pick process virtual return stack to 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 General Automation Customer Support.

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

4. Documentation

The following documentation supports mv. ENTERPRISE Release 4.0.3:

- 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 General Automation/Sequoia, 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 General Automation through the above address or at techpubs@genauto.com.

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