

Symmetrix Manager

Point-and-click access to Symmetrix configuration data and performance statistics.

**Easy management of key system components combined
with powerful performance.**

- 1 View key configuration data and performance statistics
- 2 Customize caching algorithms to optimize I/O
- 3 Sort and filter query results
- 4 Built-in graphing and exporting
- 5 Supports all IBM® MVS hosts
- 6 Easy-to-use Windows-based PC interface

Symmetrix Manager is a PC-based graphical user interface (GUI) that provides IS staff with point-and-click access to Symmetrix™ configuration data and performance statistics. It also provides an easy-to-use performance option that allows you to customize Symmetrix caching algorithms based on specific file access patterns. It provides the ideal platform for future management capabilities, including GUI-based Symmetrix dynamic reconfiguration features and the Symmetrix Remote Data Facility (SRDF™). Symmetrix Manager is designed for use with all Symmetrix 5000 Series ICDA® systems that are attached to MVS™ hosts.

Symmetrix Manager Base Component.

The Symmetrix Manager Base Component extracts and presents Symmetrix configuration and performance information in a standard Windows™ display. From the main toolbar, the user can access a range of system “objects” that provide a view into the internal Symmetrix component data.



Symmetrix Manager's icon-based display dramatically simplifies the data management process.



At the highest level — the Symmetrix Systems object — subsystem-wide configuration information and aggregate performance statistics are displayed for each host-attached Symmetrix unit. The user simply clicks on the corresponding “button” in the main toolbar and updated information can be obtained on user demand.

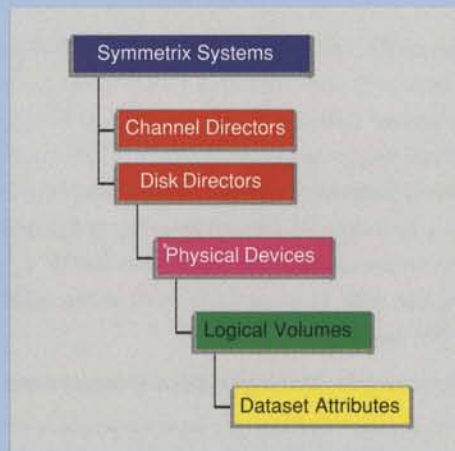
From the main toolbar, or through a logical hierarchy beginning with the Symmetrix Systems object, the user can view more detailed data, including I/O activity for Channel Directors and Disk Directors, device configuration attributes for all physical devices attached to the disk directors, MVS VOLSER and VTOC information for Logical Volumes, and detailed file attributes for Datasets. Information is presented in either graphical or tabular format and can be exported to local PC applications for use in reports and presentations.

Performance Option.

Symmetrix Manager is available with a Performance Option designed to address specific performance requirements for critical files. You can optimize performance by modifying the function of the Symmetrix caching algorithms at the file level using any of three methods: “Sequential Prefetch,” “Cross Extent

Prefetch,” or “Dynamic PermaCache.” The performance option is controlled via a GUI-based customization table, which allows the user to define the data sets eligible for each specific Symmetrix caching function. This interface also provides switches to enable or disable the Sequential Prefetch, Cross Extent Prefetch, and Dynamic PermaCache settings.

With these performance features, Symmetrix Manager allows you to tune data access efficiency, ensuring optimal I/O performance that supports your most demanding applications.



Configuration Specifications

Subsystem Requirements

All IBM MVS/ESA™ and MVS/XA™ versions supported.

Workstation Interface Requirements

- 486-based microprocessor
- 8MB memory
- 4MB disk space
- MS-DOS 5.0 or later
- Windows 3.1 or later
- 3270 emulation card
- 3270 emulation software:
 - IBM PC3270 Emulation
 - Attachmate Extra!™
 - IRMA™
 - Dynacom Elite™
 - Rumba™

For more information.

For more information on Symmetrix Manager and the complete family of Symmetrix high-performance, high-availability data storage systems, contact your EMC sales representative or authorized distributor today. Or call EMC directly at 1-800-424-EMC2.

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