Storage Management
Overview

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CSI's software solutions are available worldwide through its international distribution network,
and directly in North America from CSI and select Business Partners.

"Delivering what the competition can only promise."

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BIM-EPIC

BIM-EPIC is a powerful automated tape- and disk-management system that dramatically improves the performance of z/VSE data centers. BIM-EPIC provides reliable data security and a user-friendly online catalog management facility.

- The only tape and disk management system written specifically for the z/VSE environment

- Exploits new operating environment releases as they become available, and provides state-of-the-art storage management features and functions, such as its online catalog management facility

- By automating resource allocation, BIM-EPIC improves tape and DASD utilization without additional overhead

- Helps you manage storage media effectively and take full advantage of z/VSE

- Allows rerouting of temporary datasets to virtual disk, which saves time and reduces I/O

- Offers a batch utility that lets you create a dataset, automatically catalog it and modify the catalog

- Controls the allocation of tape drives and DASD so they are not assigned to a job until actually needed, leaving drives free for other partitions and CPUs

- The Online BIM-EPIC Catalog Management System offers a comprehensive help system at both the function and field levels and allows users to
    - ✓ Display and manage the BIM-EPIC catalog
    - ✓ Define BIM-EPIC dataset definitions
    - ✓ Maintain the BIM-EPIC system configuration
    - ✓ Maintain BIM-EPIC online user profiles
    - ✓ Display BIM-EPIC catalog statistics

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BIM-EPIC

- Manages, secures, and reports on all aspects of a system's storage resources—auditing features include
  - ✓ Dataset status and usage reports
  - ✓ Basic job accounting
  - ✓ Activity logging by programs and partition
  - ✓ Tape exception reports

- Optional security features include
  - ✓ Dataset lock, unlock, and release
  - ✓ Password security protection
  - ✓ Data encryption
  - ✓ Emergency recovery

- Provides seamless support for these automatic tape library products:
  - ✓ BSI OPTI-TAPE
  - ✓ BUSTECH MAS
  - ✓ Fundamental Software FakeTape™
  - ✓ IBM 3494
  - ✓ LCDD
  - ✓ TLS
  - ✓ VTS
  - ✓ STK Silo
  - ✓ Sutmyn (formerly Memorex) ATL

M-Pact

M-Pact reduces response time and contention among terminals on the same line by compressing 3270 CRT or printer output data transmission. It can also be used to compress the data on selected entry- and key-sequenced VSAM files to conserve valuable disk storage resources.

- Removes repetitive characters from the data stream and rebuilds the screen (or printer) buffer so that the 3270 constructs the intended image at the terminal

- Fully transparent to programmers, operators, and application programs—selected files may be re-DEFINED and reloaded, after which the compression process is automatic and invisible

- Transmission reduction typically varies between 15 and 75 percent, depending on application programs and data entered by terminal operators. Response time improvement depends on the reduction amount and the line speed.

- Displays statistics on the effectiveness of 3270 CRT or printer output data transmission compression, such as
    - ✓ Terminal I/O counts
    - ✓ Character totals before and after compression
    - ✓ Compression percentage

- Includes a file analysis program, which can be run against selected files to establish the potential compression ratio, and thus the value of using M-Pact for the file and the site generally

- Supports all telecommunication protocols (BTAM, TCAM, and VTAM) under z/VSE

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