

BIM-EPIC
Release 6.2
Technical Release Notice

This document describes requirements for and enhancements to release 6.2 of BIM-EPIC.

System Requirements

BIM-EPIC 6.2 supports VSE/ESA releases 1.3, 1.4, 2.1, 2.2, 2.3 and 2.4 and MVT/VSE release 9.5 from Software Pursuits. Users of MVT/VSE 9.5 need to obtain the most current Service Level and APAR MA95270 from Software Pursuits. BIM-EPIC 6.2 **does not** support VSE/SP or VSE/ESA releases 1.1 and 1.2.

Space Requirements

System Area	24-bit space	ANY (if 31 bit available)
BIM-EPIC base system (ESA 1.3 or MVT/VSE 9.5): SVA	430K plus length of TSIDPOL phase	0K
System GETVIS	28K	42K + (SLASIZE * 227)
BIM-EPIC base system (ESA 1.4, 2.x): SVA	400K plus length of TSIDPOL phase	11K
System GETVIS	28K	42K + (SLASIZE * 227)
QDAS System: SVA	10K	0K
System GETVIS	0K	($n * 8$) where n is the total of all map values in the TSIVDEF macro
ACL Support: SVA	33K	0K
System GETVIS	0K	0K

Partition GETVIS for Each Task

$26K + (n * 8)$, where n is the number of map entries specified in the TSIDMAP macro.

Dynamic Space GETVIS

$1.2K + (SLASIZE * 227)$. Required in dynamic partitions only.

Library Space

10,200 library blocks

Pre-6.2 Compatibility Information

The following restrictions apply to BIM-EPIC 6.2 when used with previous BIM-EPIC versions:

- In environments where multiple *physical* images are present (either multiple physical CPUs or LPARS), machines running BIM-EPIC 6.2 cannot share tape devices with machines running pre-5.1 BIM-EPIC systems. In environments where multiple *virtual* images (all within the same VM host) are present and none involve the use of ACL type devices, machines running BIM-EPIC 6.2 can share tape devices with machines running pre-5.1 BIM-EPIC systems as long a *no* ERD file is physically defined.
- If the DSN Catalog is created with the master index option (MINDEX), it cannot be shared with pre-4.1 BIM-EPIC systems or CA-EPIC® for CMS systems.
- DSN Catalog (without master index) cannot be shared with pre-3.2.7 BIM-EPIC systems.
- Recorder File cannot be shared with pre-4.1 BIM-EPIC systems.
- QDAS Files cannot be shared with pre-4.1 BIM-EPIC systems.

What is New with BIM-EPIC 6.2:

- The Offload System has been expanded to:
 - Provide backup and restore capability for Start-Track-1 files
 - Provide consolidation capability to merge offload tape versions into a new offload tape version
 - Provide capability to copy offload or backup versions to a new dataset
- The possible responses for messages EP001 (Mount Tape for input) and EP002 (Mount Tape for output) have been expanded to allow the operator to display the status and dataset name of a volser (QTAPE,*volser*) and to display up to the next 7 volsers' in scratch status pre-qualified, if appropriate, by tape pool, ownerid, and mode (QSCR).
- The TSIDPOL macro for tape pooling has been expanded to allow a tape pool volser range to be defined as belonging to a particular ACL (e.g., a robotic tape library). This feature will be most beneficial in multiple ACL or VTS environments by allowing BIM-EPIC to avoid unnecessary requests to ACL's that do not contain volumes in the requested tape pool. **Therefore, the TSIDPOL macro MUST be reassembled even if not utilizing tape pooling features.**
- Tape device AVR (Automatic Volume Recognition) has been improved by remembering the volser last found mounted on each tape device. Therefore, rather than always scanning beginning with the first tape device, pre-mounted input and output tapes can be directly accessed. In environments with a larger number of physical tape devices, this enhancement has the potential of improving through-put dramatically.
- ACL Synchronization is **no longer** automatically accomplished as part of the TSIDUTL SCRATCH or TSCRATCH functions. The newly introduced TSIDUTL SYNCIBM, SYNCMEM, SYNCSTK control statements will now allow a user to control exactly when the ACL Synchronization functions are to be accomplished.
- An ALC name may optionally be added to the EP ACL SYNC command.

If You Need Help

If you have problems or questions concerning BIM-EPIC, please contact Technical Support at (612) 933-2885.