



ASG-Manager ProductsTM Migration Notice

Version 2.5

December 15, 2000
MPR0300-25-BLT

This publication relates to these releases in MVS and OS/390 environments:

- ControlManager Version 2.5
- DataManager Version 2.5
- DictionaryManager Version 2.5

New Release of Manager Products

ASG is pleased to announce the availability of a new release of Manager Products. The objectives of the release are:

- To address Change and Enhancement Requests (CERs)
- To enhance DBMS, language, and CASE tool support to keep it in line with new releases as they become available
- To improve performance
- To resolve problems reported in earlier releases.

For full details of the functional changes, please refer to the *ASG-Manager Products Enhancement Summary*.

This publication contains information about the new release, including:

- Issues relating to installation which are not covered in *ASG-Manager Products Installation in OS Environments*
- Issues relating to migration from the previous release to the new release
- Issues relating to compatibility between releases
- Notable operational differences between the new release and the previous one.

Please read this publication in full before migrating to the new release.

Information is also supplied in a README dataset/file on the release distribution cartridge/tapes; this is usually late-breaking information that was not yet available for this Migration Notice. Your Manager Products installation publication describes how to print the README dataset/file.

In this Migration Notice, references to the previous release relate to the following Manager Products releases. If you are migrating from earlier releases, please consult the ASG Service Desk before doing so.

- ControlManager Version 2.4
- DataManager Version 1.10
- DictionaryManager Version 2.4

Installation Considerations

The installation procedure is fully described in *ASG-Manager Products Installation in OS Environments*. The following points focus on the differences between the installation of the new release when compared with the previous release.

To implement ASG-Manager Products Server Facility (MPSF) and migrate your MPAIDs and Repositories to the Data-in-Virtual (DIV) access method, refer to the *ASG-Manager Products Server Facility User's Guide*.

Manager Products Release Datasets

Up to 30 datasets, each containing data required by various Manager Products facilities, are supplied on the new release distribution cartridge/tape. The purpose of each dataset and the Manager Products facility to which it relates is described in the appendices of *ASG-Manager Products Installation in OS Environments*. Most datasets have been updated and need to be reinstalled unless otherwise stated in the following list.

The space requirements for most datasets have changed and reference should also be made to the appendices of *ASG-Manager Products Installation in OS Environments* for the new space requirements.

MP.COM.FIX	Not used to deliver new release features
MP.COM.UNLOAD	
MP.CORP	
MP.DEMO	Unchanged
MP.DYR.RULES	Unchanged
MP.FIX	Not used to deliver new release features

MP.IMS	Unchanged
MP.INFO	
MP.INFO.CHANGES	
MP.INFO.UNLOAD	INFOBANK-PANELS changed TRANSLATION-RULES unchanged
MP.INSTALL.TOOL	New dataset for this release. Refer to <i>ASG-Manager Products Panel Driven Installation</i> for more information.
MP.ISPCLIB	
MP.ISPMLIB	Unchanged
MP.ISPPLIB	
MP.ISPSLIB	
MP.JCL	
MP.LOADLIB	
MP.MMR.ADMIN	Changes contained in statuses ADMIN2500 MDRIM2500
MP.MMR.SAMPLE	Unchanged
MP.MMR.UNLOAD	
MP.README	
MP.SAMPLE.IMPORT	Unchanged
MP.SOURCE	
MP.UDS	Changes contained in status UDS2500
MP.UIBAL	
MP.UICOB	
MP.UIDICT	Changes contained in status POST2500
MP.UIMIV	
MP.UIPLI	
MP.WEB.TAR	New dataset for this release. See the <i>ASG-Web Enabler System Administrator's Guide</i> for more information.

Manager Products User Interface Programs

In general, existing User Interface programs are compatible with the new release at both source and object levels.

To improve performance, the Access Call Work File is no longer used. All output generated is now written to 31-bit virtual storage buffers for subsequent retrieval by the User Interface program. Any values set in DBUFFLEN and DOPTION7 are now ignored. DRETNOAC (value 1) is returned in DRETURN1.

If a problem occurs with an existing program, please re-link the program with the User Interface module DMRUS, supplied in the Manager Products program library, and execute the program again before contacting the ASG Service Desk.

ASG-supplied Repositories

ASG supplies a number of multi-status Repositories which can be installed using a RESTORE ALL command. Users without the Status Facility (selectable unit DD2/AD21) can install these Repositories. See *ASG-Manager Products Installation in OS Environments* for more information.

The supplied Repositories, status names, and UDS table names are:

DEMO (supplied in dataset MP.DEMO)

 Statuses -DMR
 CONV
 TOT
 ADA
 MKIV
 S2K
 DSR
 IDMS
 IMS
 UDO
 UI
 DB2

DEMO (supplied in dataset MP.DEMO)

MP2
BACHMAN
UDS - DU016

UDS (supplied in dataset MP.UDS)

Statuses -UDS1900
UDS2400
UDS2500
UDS - DU777

User Interface (supplied in dataset MP.UIDICT)

Statuses -POST1900
POST2400
POST2500
UDS - DU001

Migrating Existing MP-AIDS to the New Release

The installation procedure for the new release is fully described in *ASG-Manager Products Installation in OS Environments*.

To migrate your MPAIDs to the Data-in-Virtual (DIV) access method, refer to the *ASG-Manager Products Server Facility User's Guide*.

All existing MP-AIDS required for usage with the new release must be migrated before they can be used with the new release.

The *only* available migration path to the new release is by use of the MP-AID LOAD and/or CONSTRUCT commands to load user-created or ASG-supplied components into an empty MP-AID created using the new release software.

The following points describe how you can migrate the contents of your existing MP-AID(s) from the previous release to the new release, assuming (except for ["Preparation" on page 6](#)) that you have already carried out the installation procedure. For those users who have implemented the concatenated MP-AID facility, the same basic notes apply equally to concatenated secondary MP-AIDs. They must be migrated, and any user-created or ASG-supplied components loaded to the appropriate MP-AID.

See "[Migrating Repositories to the New Release](#)" on page 8 for information about how to carry forward tailored versions of ASG-supplied MP-AID members from the previous release to the new one, via your Administration Repository.

Preparation

Use the MP-AID UNLOAD command to take a back-up copy of the MP-AID you are going to migrate (the source MP-AID). This is done using the previous release software; all subsequent steps will be performed using the new release software.

ASG supplies these datasets, the contents of which must be loaded into a new MP-AID:

- MP.INFO.UNLOAD (contains the online help and documentation system, InfoBank)
- MP.COM.UNLOAD (contains Manager Products executives)

The sizes of these datasets have increased when compared with the previous release, because ASG is supplying more functionality and online help. In total, 25,000 (17,000 + 8,000) 1K blocks are required to accommodate the ASG-supplied contents of an MP-AID.

Note: _____

ASG-supplied MP-AID command members supplied with the previous releases are *not* compatible with the new release and cannot be loaded to an MP-AID created by the new release software.

To create a new MP-AID

- 1 Create a new MP-AID (using the new release software) with enough space allocated to contain:
 - The contents of MP.INFO.UNLOAD and MP.COM.UNLOAD datasets
 - The contents of the source MP-AID you want to carry forward to the new release
 - Additional contents that will be created during the foreseeable life of the MP-AID.
- 2 For non-DIV MPAIDs, allocate at least 150 buffers in the MP-AID buffer pool; this helps speed up processing for the following steps.
- 3 Load the contents of MP.INFO.UNLOAD and MP.COM.UNLOAD datasets to the MP-AID using the MP-AID LOAD ALL command.

- 4 From your back-up copy of the source MP-AID, load the members you want to carry forward to the new MP-AID; the MP-AID LOAD command enables you to load MP-AID members selectively by type and by name within type. Do not use the REPLACE or PURGE options to do this without first checking that you are in no danger of overwriting ASG-supplied MP-AID members. You can use the ADD option, which outputs a message if you attempt to load a member that has the same name as a member that already exists on the MP-AID; this enables you to analyze any naming conflicts and resolve them, perhaps by renaming your MP-AID members.

Note: _____

For certain MP-AID member types you can reconstruct the members onto the MP-AID from the corresponding Repository members once you have migrated your Repositories to the new release. Details of the member types to which this applies can be found in the description of the CONSTRUCT command in *ASG-Manager Products Systems Administrator's Guide*.

To check, tune, and back up the MP-AID

- 1 Check that you have successfully loaded the content of the ASG-supplied datasets.

MP.COM.UNLOAD contains:

- 1071 command members
- 220 corporate executive routines
- 2 UDS tables

MP.INFO.UNLOAD contains:

- 7471 INFOBANK-PANELS
- 14 TRANSLATION-RULES

- 2 Unload and re-load the new release MP-AID using the MP-AID UNLOAD and MP-AID RELOAD commands; this will optimize MP-AID performance (the MP-AID RELOAD command reorganizes used and free space on the MP-AID) and provide a back-up copy of the new-release MP-AID.

The new-release MP-AID is now ready for use.

Migrating Repositories to the New Release

All existing Repositories required for usage with the new release must be migrated before they can be used with the new release.

To migrate your Repositories to the Data-in-Virtual (DIV) access method, refer to the *ASG-Manager Products Server Facility User's Guide*.

The *only* available migration path to the new release is by use of the RESTORE command to load Repository data, such as member definitions and security information, from a SAVE dataset created under the previous release into a Repository created by the new release software.

To migrate a Repository created under the previous Manager Products release

- 1** Issue a SAVE ALL command for the existing Repository using the previous Manager Products release.
- 2** Using the new Manager Products release, create a new Repository with the CREATE (VCREATE for a DIV repository) command.
- 3** Issue a RESTORE ALL command to RESTORE the SAVED Repository into the newly created Repository. For non-DIV Repositories, the performance of this command is enhanced by the allocation of additional buffers for the Index and Data Entries datasets.

In the case of your Administration Repository, load the contents of this dataset:

MP.CORP (contains ASG-supplied EXECUTIVE-ROUTINES required by the new release).

You should copy into the version supplied with the new release any changes you made to the ASG version supplied with the previous release.

If you want to tailor the Help system and you have User-Defined InfoSystem, you may also want to load the contents of these datasets:

- MP.INFO (contains all of the Repository members from which the Help system is created)
- MP.INFO.CHANGES (contains all of the Repository members for the parts of the Help system that ASG has changed or created since the previous release).

You may want to copy into the InfoSystem version supplied with the new release any changes you made to the InfoSystem supplied with the previous release. Alternatively, you may want to load selectively, depending on how you have configured the Help system.

InfoBank panels which have become obsolete since the previous version are included as OBSOLETE-DEFINITIONS in the MP.INFO.CHANGES dataset. This gives you the opportunity to review them before discarding them, in case you have tailored them in earlier releases to include site-specific information.

Each tailored member should be constructed onto the MP-AID using the appropriate version of the CONSTRUCT command, to replace the ASG-supplied version already loaded onto the MP-AID (refer to ["To create a new MP-AID" on page 6](#) and ["To check, tune, and back up the MP-AID" on page 7](#)).

Note: _____

ASG strongly recommends that any tailoring you do to ASG-supplied Repository members in the Administration Repository should be carried out in a separate Status specifically created for the purpose of tailoring. If you do not have the Status facility, you could use ALIAS names for tailored versions of a member. Keeping tailored definitions separate from ASG-supplied versions will make it easier for you to identify what you have tailored and thereby to incorporate new Manager Products releases more easily.

Upward Compatibility

New Commands and Instructions

The new release includes the following new commands and Procedures Language instructions. Check these names for potential conflict with the names of Manager Products executives you have created. You may find that minimum command-name truncations that could be entered successfully in previous releases are now ambiguous because of the new commands.

- CLIENTI function
- CLIENTN function
- DIVOBJN function
- DIVOBJT function
- GETSVRM function
- GETTOKEN function
- DSS command
- MDF command
- RESET command

New DB2 Member Types and Column Data Types

Member types have been amended with additional clauses in the new release. New repository member types include:

Member Type	Description
DB2-PROCEDURE	Defines DB2 procedures and functions
DB2-TRIGGER	Defines DB2 triggers.

Additional column data types and procedures language values include:

Column Data Type	Procedures Language Value
BLOB/CLOB/DBCLOB (<i>n</i>)	CHARACTER
ROWID	CHARACTER USAGE ROWID

Installation of DB2 views

When installing the DB2 views from the MP.SOURCE dataset, DB/2 Version 6 users should install the views supplied in member DB2VIEW6 and DB/2 Version 5 users should install the views supplied in member DB2VIEW5. For users of earlier DB/2 versions, DB2VIEW1, DB2VIEW2, DB2VIEW3 and DB2VIEW4 are supplied.