



ASG-ManagerView™ Installation Instructions

Version 2.5.1

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MVW2600-251

The ASG-ManagerView (herein called ManagerView) installation process involves these basic steps:

Fulfilling Hardware and Software Requirements. The software delivered is a Java application, that is, a stand-alone client program which runs on a Java Virtual Machine (JVM). As a Java application, this software runs on any workstation with any hardware devices that support the Java platform, and in any environment that supports Java 2.

The hardware and software requirements are closely related to the graphics capabilities of the workstation in use, as well as to the available host (mainframe computer) environment. See ["Hardware Prerequisites" on page 2](#) and ["Software Prerequisites" on page 3](#) for a complete description of the hardware and software requirements which must be met prior to installing ManagerView.

Installing the Software. The software is supplied on a distribution compact disc (CD). See ["Installing the Software" on page 4](#) for a complete description of how to install the software.

Tailoring Your Environment. After installing the software, you will need to tailor the environment for your host installation. This involves defining the information needed to connect to your repository host.

Running the Installed Software. Once the software is installed and tailored, you can run it. See ["Starting and Using ManagerView" on page 7](#) for details.

Hardware Prerequisites

You can install ManagerView on any workstation with any hardware devices that support the Java 2 platform. Such support comes mainly from Sun Microsystems and the underlying operating system.

The following sections define the required hardware devices. The recommended minimum requirement rather than an absolute minimum is indicated within a particular device category. For example, the recommended minimum for a graphic display screen resolution is 800 x 600, although ManagerView can run in a lower resolution. Recommended minimums are intended to help the user achieve the best results.

Basic Workstation Requirements

Your workstation must meet these minimum requirements:

- Pentium 200MHz or faster processor
- At least 64MB of RAM
- A fixed (hard) disk drive with at least 64MB of free space
- A CD-ROM drive to install the software

Display Device Requirements

ManagerView requires a graphics adapter and corresponding display device with a resolution mode of at least 800 x 600.

A typical configuration includes SVGA with suitable analog color display.

Pointing Device Requirements

ManagerView requires a pointing device. Depending on the type of pointing device you use, your workstation may require an additional hardware adapter, such as an asynchronous adapter for a serial mouse.

You can use any pointing device supported by the underlying operating system. Typical pointing devices include but are not limited to:

- IBM PS/2 Mouse
- Microsoft Serial Mouse
- Logitech Serial Mouse

TCP/IP Connection Requirements

To use ManagerView, a modem or network adapter must be installed on your workstation, together with a connection to a host (mainframe computer) running one of these operating systems: MVS, MVS/XA, MVS/ESA, or z/OS.

Printer and Plotter Support

If you want to produce hard copy output directly from your workstation, a printing or plotting device is needed. Most of these devices require a hardware adapter to which they must be attached (e.g., a parallel port). You can use any Java-compatible printing device.

Software Prerequisites

This section describes the specific software requirements you must meet in order to run ManagerView. Before installing ManagerView be sure the environment supports the Java 2 platform.

Significant host access capabilities are provided by installing the software along with required software prerequisites. These requirements fall into these categories:

- Workstation requirements
- Host requirements

Workstation Requirements

The workstation requires one of these operating systems:

- Windows 95
- Windows 98 (1st or 2nd edition)
- Windows NT 4.0 with Service Pack 5
- Windows ME
- Windows 2000 Professional
- Windows 2000 Server
- Windows 2000 Advanced Server

Note: _____

Only the Professional Edition of Windows 2000 is supported in non-English locations.

Host Requirements

There are specific requirements with respect to the host operating system and the host Manager Products in use. The Manager Products Server Facility (MPSF) Version 2.5.1 must be installed and running.

Installing the Software

The installation process consists of running a setup program that performs these tasks:

- Requests the name of a directory to install ManagerView.
- Creates a program group which you can use to start ManagerView.
- Copies the files from the distribution CD to the directory you specify.

Installation Procedure

If this is not the first time you are installing, you must consider what to do with the existing software already installed on your workstation. ASG recommends installing the new software in a new directory, with a directory name that reflects the specific release being installed. At a later time, migrate any files you want to retain from a previous release to the latest release and delete any unwanted software.

Therefore, for both first time users and existing users, ASG strongly recommends that you install the software into its own unique directory. This makes it easier for you to move to a later release.

To install ManagerView

- 1** Insert the distribution CD into your CD-ROM drive.
- 2** Run the MVIEW\INSTALL.EXE from the CD.
- 3** Follow the installer program's displayed prompts.

When the setup program has concluded, your installation of the software is complete.

Tailoring Your Environment

This section describes the specific changes you need to make to the connection file. These changes are necessary in order to use ManagerView in conjunction with the mainframe host repository.

Installing Diagram Schemas and Shapes

A set of diagram schemas and shapes is delivered with the Manager Products Repository for use with ManagerView. You may use these members as delivered or as a starting point for your own custom schemas.

The shape and schema members are supplied as source-only DIAGRAMM member types in the MP.CORP dataset and should be installed in your usual Administration repository. Then, in order to be available for use with ManagerView, copy them into *all* repositories that are available to ManagerView users.

You need to execute host Manager Products to create a SAVE dataset from your Administration repository to be used as input to a subsequent RESTORE command.

To select the required ManagerView members from the Administration repository, use:

```
KEEP LIST DIAGRAMMS ;  
SAVE KEPT ;
```

To install the members in the repositories in use, use:

```
RESTORE SOURCE ;  
BULK ENCODE SOURCE ;
```

in a status that is visible to all users.

Note: _____

If the DIAGRAMM member-type is not available in any of the above repositories, the member type of the supplied source members can be amended before encoding, and the ManagerView Corporate executive EX-XML-SINF updated to match the type used and then constructed to the MPAID.

XMLSINF Member

ManagerView needs to know what member type is used for diagram members on your repository. If a member type other than DIAGRAM is used to store diagram members, the member EX-XML-SINF of MP.CORP changed to reflect this.

By default, the source of this member is as follows:

```
EXECUTIVE-ROUTINE
MPAID-NAME
'XMLSINF'
DESCRIPTION
'XML Display of MPR System Variables'
CONTENTS
MPXX LITERAL=#
say #<sessioninfo>#
say #<cmr id="#&logo#"#
say # pw="#MPRCMPW()"#
say # user="#&user#"#
say # auth="#MPRDDPW()"#
say # dict="#&dict#"#
say # status="#&stat#"#
say # uds="#MPRUDSN()"#
say # clienti="#clienti()"#
if MPRUDSN() eq #DU777# then say # diagram-type="DIAGRAMM"#
                           else say # diagram-type="DIAGRAM"#
say # />#
mpr #download REPOSITORY;#
say #</sessioninfo>#
```

The output of this routine also determines whether the ManagerView user is given administrator privileges. If the user attribute has a value of MASTER, the ManagerView user will have access to the system administrator facilities of ManagerView.

Modifying the Connection File

To modify the connection file

- 1** Locate the connection file named mpr-connect.xml in your ManagerView installation directory.
- 2** Open mpr-connect.xml with a text or XML editor.
- 3** Assign the appropriate values to the attributes of the profile element:
 - a** Give the name attribute any meaningful value.
 - b** Assign the host attribute to the IP address or domain name of the mainframe sever where MPSF is installed.

- c Assign the port attribute to the TCP/IP port upon which MPSF listens for client connections.
- d Give the session attribute any value that indicates which workstation or user owns the session. Session IDs may be tracked by MPSF and are limited to 8 characters in length.
- e Assign the release attribute the value 2500 or 2510 for this release.

Example Connection File

In this example, the ManagerView user is only offered a connection named MPSEVER. The IP address and port number of the MPSF host are 255.255.255.255 and 3000, respectively. And, the session ID is MVIEW.

```
<?xml version="1.0" encoding="UTF-8"?>
  <mpr-connect>
    <profile name="MPSEVER" host="255.255.255.255" port="3000" session="MVIEW"
      release="2500"/>
  </mpr-connect>
```

More than one profile element may be nested within the mpr-connect element giving the ManagerView user a choice of connections.

```
<?xml version="1.0" encoding="UTF-8"?>
<mpr-connect>
  <profile name="MPSEVER1" host="255.255.255.255" port="3000"
  session="MVIEW" release="2500"/>
  <profile name="MPSEVER2" host="255.255.255.255" port="3001"
  session="MVIEW" release="2500"/>
</mpr-connect>
```

Starting and Using ManagerView

To begin using ManagerView

- ▶ Double-click the ManagerView program icon  from the Windows Desktop.

The Connection Wizard automatically displays after ManagerView opens.



To Connect to the Host

- 1 Click the Connect button  from ManagerView's toolbar.

The Connection Wizard displays.

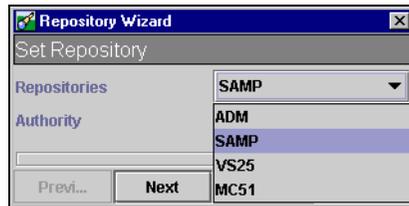
- 2 Select a server from the list of servers in the drop-down combo box.
- 3 Type your Manager Products logon ID for the host system.
- 4 Type your Manager Products password.
- 5 Click Finish to request the connection.

If the connection cannot be established, a message displays below the password field. Otherwise the Connection Wizard closes and the connection is available.

If your log-in profile on the host does not automatically switch you to a repository and status, the Repository Wizard displays.

To select a repository and status

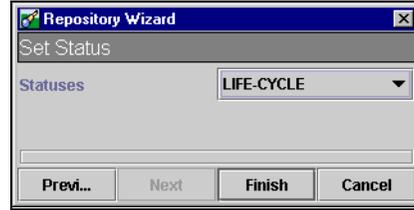
- 1 Select a repository from the list in the drop-down combo box.



- 2 Enter your authority password for the selected repository.



- 3 Click Next.



- 4 Select a status from the list in the drop-down combo box.
- 5 Click Finish.

Choosing an Activity

Once you have a host connection, you can choose any of the other activities available from the Explorer Tree, depending on what you want to accomplish.

Typically, you will want to perform one of these tasks:

- Browse repository content using the Query Editor and Diagram Editor.
- Create diagrams using a Diagram Editor.
- View existing diagrams using a Diagram Editor.
- Submit host commands with the Command Pane.

If you decide to browse repository content, you will use a Diagram Editor to view content as diagrams.

To use a Diagram Editor to view content as diagrams

- Click the new Diagram button  above the Explorer Tree. Continue by clicking the

New Query button  to create and invoke a query against the repository. The results appear in the new diagram you created.

Note: _____

The current schema may filter out entities and relationships returned by a query. You may set the schema used for the diagram by selecting another schema from the Schema drop-down list on the tool bar.

If you decide to create diagrams, you will use a Diagram Editor to create and save diagrams.

To use a Diagram Editor to create and save diagrams

- 1 Click the New Diagram button  above the Explorer Tree.
- 2 Click the right mouse button at the location where you would like to add an object to the diagram.
- 3 Select the Add Object menu item from the popup menu.
- 4 Click the right mouse button on an object.
- 5 Select the Add Connector menu item from the popup menu.

To view an existing diagram

- 1 Expand the Diagrams folder in the Explorer Tree
- 2 Click the desired diagram entity.

To Submit Host Commands

- 1 Click the Commands tab in the Inspector pane.
- 2 Type a host command.
- 3 Click the Host button  to send the command to the host.

Please see the host system documentation for the availability and syntax of commands.

Caution! Some commands may change the context in which the host operates. ASG does not recommend, for instance, switching repositories or statuses using the Command tab.

See the *ASG-ManagerView Online Help* for more information on using ManagerView.