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# Installation Notes

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This release of Open M [DTM] for Windows 3.1 includes the following components:

- DTM V6.4
- Visual M V6.4

The setup program installs two type of Visual M files:

- Visual M client files, which are installed automatically on each Visual M client system on which you install Open M for Windows 3.1.

Most of the components of the Visual M product install and run on the client machine, under any of the Microsoft Windows operating systems.

- Visual M Server files, which you must copy to and install on each Open M server system that you use as a Visual M Server.

## Installation Overview

To install this product, use the instructions in Chapter 3, “Installation”, in *Getting Started with Open M for Windows for Version 6.3* as well as the additional information and instructions in this chapter of the Release Information.

## Client Installation

### You Can Install Visual M on Windows 95 and Windows NT Systems

You can use these disks to install the 6.4 version of Visual M on Windows 95 and Windows NT systems. On Windows NT systems, you can select only the Thin Client radio button (and optionally, the OCX checkbox).

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### Select Visual M OCX Support Checkbox

If you are installing Visual M on a Windows 95 or Windows NT system, you can install an OCX version of the M/VB control. Select the OCX checkbox at the installation screen where you select the components of Open M [DTM] for Windows 3.1 that you want to install.

**Warning:** Do not install OCX support on a Windows 3.1 system. It and its associated communications DLLs are not 16-bit compatible.

### TCP

You may be prompted if a copy of WINSOCK.DLL is not found in the \windows or \windows\system directories. The remote server code needs a copy of WINSOCK.DLL in order to run, whether or not you intend to use a remote TCP server. If you do not have TCP installed, the installation program will supply a 4Kb stub version of WINSOCK.DLL in your \windows\system directory, just to satisfy the VISUALM.VBX.

If this stub is installed and it is not wanted, you may get an error message from another networked application saying that TCP is not installed. If this occurs, delete the stub version of WINSOCK.DLL and try again.

## Visual M Server Installation

**Note:** If you are not responsible for installing the Visual M Server, you can skip this section.

There are two parts to Server installation:

- Copying and loading the %encrypt routine to each Visual M Server, if it does not already have one.
- Copying and loading the encrypted, updated Visual M Server code file appropriate to each Visual M Server.

### Servers Directory

After installation on your Windows 3.1 system, there will be a subdirectory of the directory where you installed Open M for Windows 3.1 named \SERVERS. This subdirectory contains the Visual M Server and %encrypt routine files that are appropriate for each Visual M Server type.

## Installing Updated Server Code

### To install Visual M Server files on an Open M Server:

1. If you have Open M Servers on your system without the %encrypt routine, you can install the routine according to the directions for your Server type in the following table.

### Copying and Loading the %encrypt Routine

Open M Server	File Name	Directions
Open M [DTM] for DOS V 6.3 Open M [DTM] for Windows 3.1 V 6.3	enc_dtm.obj	Copy the file to the server machine. Then run ^%load to load the file.
Open M for Windows 95 and NT V7.0	enc_mnt.obj	Copy the file to the server machine. Then run ^%RIMF to load the file.
Open M [ISM] for UNIX V6.1 Rel 18 +	enc_ism.obj	Copy the file to the server machine. Then run ^%RIMF to load the file.
Open M [DSM] V6.4		Due to incompatibilities of file format and media, the object code for the DSM version cannot be distributed on floppy disk and restored successfully. If you are running a DSM server, you will need to request the %encrypt file from InterSystems Order Processing. Ask for "Visual M 6.4 Server encryption routine, DSM version" and specify whether you need a DAT tape or TK-50 (DAT tape is the preferred medium if you have the drive.) Copy the file to SYS\$LIBRARY on the server machine. Then run ^%pr to load the file.

2. Shut down any Visual M Server you may have running on the server machine (Do Stop^%m vb).
3. Copy the encrypted Visual M Server file appropriate to your Server, using FTP or any other mechanism you use for copying files.

The table below lists the name of the file you should copy to each Visual M Server type.

**Table 1** Visual M Server Routine File Names

Open M Server	File Name
Open M [DTM] for DOS V 6.3+ Open M [DTM] for Windows 3.1 V 6.3+	m vb_dtm.enc
Open M for Windows 95 and NT V 7.0	m vb_mnt.enc

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**Table 1 Visual M Server Routine File Names**

Open M Server	File Name
Open M [ISM] for UNIX V6.1 (without namespace support)	mvb_ism.enc
Open M [DSM] V6.4	mvb_dsm.enc

4. Load the file you just copied to your Visual M Server system using the following command at the M programmer's prompt:

```
DO rload^%encrypt(filename)
```

where *filename* is the name of the file containing the encrypted source for the routine being loaded.

5. Restart the Visual M Server on each machine on which you loaded new Visual M Server code by issuing the startup call with the entry point and arguments appropriate for your needs. See the Open M for Windows help file for details about starting a Visual M Server.