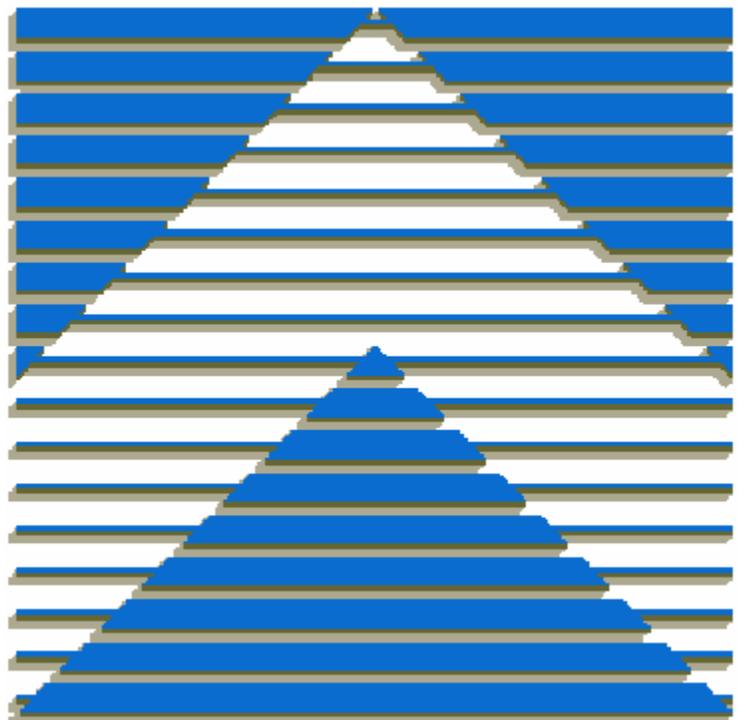


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Upgrade

# VPM Enterprise 9.1.12a

ProMatrix Corporation



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Published 2007.

Printed in the United States of America.

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October, 2007

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# Introduction

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## Introduction

The VPM Enterprise 9.1.12a upgrade incorporates fixes to VPM Enterprise 9.1 for Visual FoxPro 9.0.

This manual describes:

- How to install the VPM Enterprise 9.1.12a upgrade. See the “Installation” chapter on page 2.
- How to update your VPM Enterprise 9.1 applications to include the 9.1.12a fixes. See the “Updating Applications” chapter on page 5.
- The fixes included in VPME 9.1.12a. See the “Fixes” chapter on page 10.

# Installation

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## Before You Install

This section describes several things you may need to do before installing the VPME 9.1.12a upgrade.

### Preserve Your Changes

If you are upgrading an existing VPME 9.1.12 installation, you can preserve changes you have made to files in your VPME and Sample Application installations.

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**Tip:** To determine the VPME 9.1 version that you are running, run your VPME 9.1 and check the About dialog on the VPME Help menu.

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If you are upgrading from VPME 9.1.12, here's how to preserve your file changes:

1. **Update Installation:** When you install the VPME 9.1.12a upgrade, do the "VPM Enterprise 9.1.12a Update Installation" as described below, but don't do it yet. You have some work to do first.

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**Tip:** The update installation only replaces files that have changed from VPME 9.1.12. Therefore, you only have to take steps to preserve changes in the files that will be replaced. If you are upgrading a VPME 9.1 version prior to 9.1.12, you cannot use the update installation because it does not include files that were new or revised in upgrades prior to VPME 9.1.12a.

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2. **New and Modified Files:** Review the "New and Modified Files" list on page 9. The files in this list that do not have "(New)" following their names are files that have been modified for VPME 9.1.12a. These modified files will replace files of the same name in your VPME 9.1.12 installation when you install the VPME 9.1.12a upgrade. If any of the modified files on the list are files to which you have made changes, backup the files from your VPME 9.1.12 installation so that you can apply your changes to the modified versions of the files that will be installed during the upgrade installation.
3. **Run the Update Installation:** After you have backed up files as described in step 2, run the Update Installation.
4. **Reapply Your Changes:** After installing the upgrade, apply your changes from your backup copies of the modified files.
5. **Update Sample Application:** Update the VPME Sample Application using the procedure described in the "Updating Applications" chapter on page 5.

## Source Control

If you are using the VPME Source Control features and have VPME and project files under source control, your source control software's database needs to be updated with the modified versions of the files that the update is changing. To update the source control database use this procedure to install the update:

1. Before installing the update, check out the files that are going to be modified by the update installation. The files that are going to be modified by the update are listed in “New and Modified Files” on page 9.
2. Install the update.
3. Check in the updated files.

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## Installing the VPM Enterprise 9.1.12a Upgrade

This section shows you how to install the VPM Enterprise 9.1.12a upgrade.

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**Tip:** After you install the VPM Enterprise 9.1.12a upgrade, you can update your VPM Enterprise 9.1 applications by following the procedure described in the *Updating Applications* chapter.

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This section describes two ways to install the VPME 9.1.12a upgrade:

1. **Update Installation:** If you are upgrading from VPME 9.1.12, you can use the Update Installation approach. This approach makes it easier for you to preserve changes you have made to files in your VPME and/or Sample Application installations.
2. **Full Installation:** Use this approach in the following situations:
  - If you are upgrading from a VPME 9.1 version prior to VPME 9.1.12, you must use the Full Installation approach.
  - If you are upgrading from VPME 9.1.12 and don't need to preserve changes you have made to VPME files or Sample Application files, you can use the Full Installation approach.
  - If you want to preserve your existing VPME 9.1 installation, use the Full Installation approach and install VPME 9.1.12a in a new directory.

## VPM Enterprise 9.1.12a Update Installation

If you have modified your VPME 9.1.12 files and only want to replace files in your VPME 9.1.12 installation that have been revised for VPME 9.1.12a, use the Update installation approach. This approach minimizes the work required to preserve your changes. (See “Preserve Your Changes” on page 2.)

1. **Download:** Download the VPM Enterprise Update Installation File from the ProMatrix Web.
2. **Install:** Run the installation EXE Setup file and install the upgrade to the directory where you installed VPME 9.1.12 (normally, \vpme91).
3. **Reapply Your Changes:** If you backed up modified files before the install, after installing the upgrade, apply your changes from your backup copies of the modified files.
4. **Update Applications:** Update the VPME Sample Application and your other VPME 9.1.12 applications using the procedure described in the “Updating Applications” chapter on page 5.

## VPM Enterprise 9.1.12a Full Installation

If you need to or wish to completely reinstall VPM Enterprise with the VPME 9.1.12a upgrade, use the Full Installation approach.

1. **Download:** Download the VPM Enterprise 9.1.12a Full Installation File from the ProMatrix Web.
2. **Uninstall:** If you previously installed a version of VPME 9.1 and you do not want to preserve that version, you must uninstall that version using the Add or Remove Programs option on your Windows Control Panel. After using Add or Remove Programs to uninstall, manually remove the remaining \vpme91 directory and subdirectories.

---

**Tip – Preserving an Installation:** If for some reason you wish to preserve your existing VPME 9.1 installation, install the VPME9.1.12a upgrade in a directory other than \vpme91 (assuming that is where you installed your existing VPME 9.1).

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3. **Install:** Run the installation EXE Setup file and install the upgrade to the default \vpme91 directory, or another directory of your choosing.
4. **Update Applications:** Update your VPME 9.1 applications using the procedure described in the “Updating Applications” chapter on page 5.

# Updating Applications

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## Updating Your VPM Enterprise 9.1.12 Applications

If you have applications that you've created with VPM Enterprise 9.1.12, you can easily update them to include the fixes in version 9.1.12a by following the steps described in this section after you install the VPME 9.1.12a upgrade.

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**Tip:** If you have a VPME application created in VPME 9.1.02, VPME 9.1.10 or VPME 9.1.11, follow the procedure described in the “Updating Earlier VPM Enterprise 9.1 Applications” section on page 6 to update those applications to VPME 9.1.12a.

**Tip:** If you have a VPME application created in a VPME version earlier than VPME 9.1, you must update it to VPME 9.1 before updating it to VPME 9.1.12a.

**Tip – Backup:** Be sure to backup your application project folders and files before updating an application.

---

➤ ***To update a VPME 9.1.12 application to VPME 9.1.12a***

1. Run VPME 9.1.12a and open the application project.
2. Build the application.

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## Updating Earlier VPM Enterprise 9.1 Applications

If you have applications that you've created with VPME 9.1.02, VPME 9.1.10 or VPME 9.1.11, you can update them to include the fixes in version 9.1.12a after you install the VPME 9.1.12a upgrade using the Full Installation approach.

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**Important:** If you have a VPME application created in a VPME version earlier than VPME 9.1, you must update it to VPME 9.1 before updating it to VPME 9.1.12a.

**Tip – Backup:** Be sure to backup your application project folders and files before updating an application.

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➤ **To update a VPME 9.1.02 application to VPME 9.1.12a**

Complete the two steps described below.

### 1. Run the Project Update Programs

- Run Visual FoxPro 9.0.
- Set the default directory to the VPME home directory (SET DEFAULT TO <VPME Home>) where you installed the VPME 9.1.12a upgrade. The VPME home directory is normally \vpme91
- Run the project update program, VPMEU\_9102\_TO\_9110.PRG, that is in the VPME home directory. In the Open dialog that comes up, find the project's SVPMPROJECTDEFINITION.PJD file that is in the project's home directory.
- Run the project update program, VPMEU\_9110\_TO\_9111.PRG, that is in the VPME home directory. In the Open dialog that comes up, find the project's SVPMPROJECTDEFINITION.PJD file that is in the project's home directory.
- Run the project update program, VPMEU\_9111\_TO\_9112.PRG, that is in the VPME home directory. In the Open dialog that comes up, find the project's SVPMPROJECTDEFINITION.PJD file that is in the project's home directory.
- Exit VFP 9.0.

### 2. Apply Manual Updates

- Run VPME 9.1.12a and open the project.
- Edit the main menu through the Menu Builder.
- On the Admin submenu add the following menu option:
  - Prompt: Tip Ma\<nager...
  - Result Procedure: \_SCREEN.oApp.oInt.RunTipManagerForm()
  - Options Skip For: WVISIBLE('Tip\_Manager') OR TYPE('\_SCREEN.oApp.oInt') <> 'O'
- On the Help submenu add the following menu option:
  - Prompt: \<Tip of the Day...
  - Result Procedure: \_SCREEN.oApp.RunTipForm(.T.)

- Options Skip For: NOT \_SCREEN.oApp.IRunTipForm
- On the Help submenu change the Introductory Form option to:
  - Prompt: \<Welcome Form...
- On the Help submenu add the following menu option if you are going to be using an Access Panel in your application:
  - Prompt: Access \<Panel
  - Result Procedure: \_SCREEN.oApp.InstantiateStartupToolbar()
  - Options Skip For: EMPTY(\_SCREEN.oApp.cStartupToolbar) OR EMPTY(\_SCREEN.oApp.cStartupToolbar\_ClassLibrary) OR WVISIBLE('Access Panel')
- Exit the Menu Designer and save the changes.
- Exit the Menu Builder.
- Run the Tools – Security Builder – Load Menu Option Table utility.
- Run the Load Menu Option Table routine from the Tools - Security Builder submenu. This will repopulate the SVPMMenuOptions table, which is necessary due to the new fields that were added when the project update program was run.
- Build the application.

➤ **To update a VPME 9.1.10 application to VPME 9.1.12a**

Complete the two steps described below.

## 1. Run the Project Update Programs

- Run Visual FoxPro 9.0.
- Set the default directory to the VPME home directory (SET DEFAULT TO <VPME Home>) where you installed the VPME 9.1.12a upgrade. The VPME home directory is normally \vpme91
- Run the project update program, VPMEU\_9110\_TO\_9111.PRG, that is in the VPME home directory. In the Open dialog that comes up, find the project's SVPMPROJECTDEFINITION.PJD file that is in the project's home directory.
- Run the project update program, VPMEU\_9111\_TO\_9112.PRG, that is in the VPME home directory. In the Open dialog that comes up, find the project's SVPMPROJECTDEFINITION.PJD file that is in the project's home directory.
- Exit VFP 9.0.

## 2. Apply Manual Updates

- Run VPME 9.1.12a and open the project.
- Run the Load Menu Option Table routine from the Tools - Security Builder submenu. This will repopulate the SVPMMenuOptions table, which is necessary due to the new fields that were added when the project update program was run.
- Build the application

➤ **To update a VPME 9.1.11 application to VPME 9.1.12a**

Complete the two steps described below.

**1. Run the Project Update Programs**

- Run Visual FoxPro 9.0.
- Set the default directory to the VPME home directory (SET DEFAULT TO <VPME Home>) where you installed the VPME 9.1.12a upgrade. The VPME home directory is normally \vpme91
- Run the project update program, VPMEU\_9111\_TO\_9112.PRG, that is in the VPME home directory. In the Open dialog that comes up, find the project's SVPMPROJECTDEFINITION.PJD file that is in the project's home directory.
- Exit VFP 9.0.

**2. Apply Manual Updates**

- Run VPME 9.1.12a and open the project.
- Run the Load Menu Option Table routine from the Tools - Security Builder submenu. This will repopulate the SVPMMenuOptions table, which is necessary due to the new fields that were added when the project update program was run.
- Build the application

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## New and Modified Files

The following table lists VPME files that have been modified or are new in VPME 9.1.12a. The VPME Setup copies the files listed in the VPME Files column to the directories shown in the Location column.

VPME Files	Location
SAPPTUTORIAL.CHM	\\<VPM Home>
VPM.APP	\\<VPM Home>
VPMCTRLS.VCX, VCT	\\<VPM Home>
VPMDATAHANDLER.VCX, VCT	\\<VPM Home>

# Fixes

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## Fixes

The following table lists fixes included in the VPME 9.1.12a update.

### Type Code

- A “B” in the Type column denotes a fix.

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**Tip:** Review this list to see if any of the changes affect the expected functionality of your applications in a way that requires you to take action. Also, determine whether any of the changes offer new functionality that you may want to use.

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Type	Topic	Description
B	Error occurred with grid on parent page of OTM form	On a one-to-many form with a grid on the parent pageframe, an error occurred if a change was made to a child record and then a different parent record was selected in the parent grid. [Fix from promatrix.public.pmxlibrary]
B	Data Sources entries not used	The data entered on the Data Sources form for a Data Source was not used. This problem did not affect views and cursoradapters that access SQL Server data since the default Data Source values work properly for SQL Server. [Fix from promatrix.public.pmxlibrary]