



# RSView Machine Edition™

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ENTERPRISE SERIES

Machine-Level HMI for Open  
and Embedded Solutions

## Installation Guide

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# Introducing RSVIEW Machine Edition

## About RSVIEW Machine Edition

RSVIEW Machine Edition™ is software for developing and running human-machine interface (HMI) applications. RSVIEW Machine Edition is designed for monitoring and controlling automated processes and machines.

For information about using RSVIEW Machine Edition to create and run applications, see the *RSVIEW Machine Edition User's Guide*.

## RSVIEW Studio

RSVIEW Studio™ is a Windows®-based software program for creating machine-level monitoring and control applications in Microsoft® Windows® 2000 and Windows XP.

RSVIEW Studio contains the tools you need for creating all aspects of an HMI application, including real-time animated graphic displays, trends, and alarm reporting.

## RSVIEW ME Station

RSVIEW ME Station™ provides the run-time environment for the applications you design using RSVIEW Studio. You can run machine-level applications on PanelView Plus™ terminals, on the VersaView™ CE and MobileView™ terminals with the Windows CE.NET 4.1 operating system, and on computers that use the Windows 2000 or Windows XP operating system.

## Additional software

The RSVIEW Machine Edition CD also includes four additional software options:

**FactoryTalk™ Automation Platform** installs software that is shared among the components of RSVIEW Enterprise. The FactoryTalk Automation Platform must be installed before RSVIEW Studio or RSVIEW ME Station can be installed.

**RSLinx Enterprise™** RSLinx Enterprise is a communication server built around FactoryTalk technology to assist in developing and running your RSVIEW ME applications. It is an OPC™ 2.05 compliant server and will run on a variety of platforms ranging from PanelView Plus dedicated terminals to desktop computers.

**RSLinx™ for RSVIEW™** is software that provides communications to a wide range of devices, such as ControlLogix processors. RSLinx for RSVIEW is an OPC-compliant data server.

**Adobe® Acrobat® Reader™ 5.1** is software for reading the online *RSVIEW Machine Edition User's Guide*. You can also use the software to print the User's Guide.

This Installation Guide is also available online. For more information, see Chapter 7.

## The RSVIEW Machine Edition tools

These tools are installed with RSVIEW Studio:

- **Diagnostics Setup** is software for setting up FactoryTalk Diagnostics destinations and message routing.
- **Diagnostics Viewer** allows you to view FactoryTalk Diagnostics messages using the Windows Event Viewer.
- **Transfer Utility** is software for moving a run-time machine-level application (.mer file) from the development computer to the PanelView Plus, VersaView CE, or MobileView terminal.
- **Tag Import and Export Wizard** is software for importing or exporting the RSVIEW tag database.
- **Application Manager** is software for renaming, copying, deleting, backing up, and restoring applications.

This tool is installed with RSView ME Station:

- **DeskLock** is software that prevents Windows 2000 and Windows XP users from exiting the RSView application at run time. You cannot use DeskLock if you are running your application on a PanelView Plus, VersaView CE, or MobileView terminal.



## Installing and activating RSView Studio and ME Station

### System requirements

To run RSView Studio™, the requirements are:

- **Personal computer** with an Intel® Pentium® II processor. (300 MHz or faster processor recommended.)
- **Memory (RAM).** 128 MB (256 MB recommended with Windows XP).
- **Hard disk space.** Minimum 100 MB.
- **Operating system.** Microsoft® Windows® 2000 Professional with Service Pack 4 or Microsoft Windows XP Professional with Service Pack 1.

### Installing

The steps below explain how to install the RSView Studio and RSView ME Station™ software from the CD-ROM to your computer.

The installation process creates program folders and modifies registry entries. In order to make these modifications, the user that is currently logged in must have administrative rights on the Windows 2000 or Windows XP computer on which RSView is installed (for example, the Windows 2000 Administrator account has these rights).

### The Installation Assistant

For more information about the installation process, click **View Installation Assistant** on the CD-ROM. The RSView Enterprise Installation Assistant is a help file that tells you how to install the product correctly.

## Uninstalling

If you are upgrading from an earlier version of RStudio, you must uninstall the earlier versions of both RStudio and RSLinx Enterprise™ before upgrading. If you have an earlier version of RStudio ME Station installed, you must uninstall it before installing RStudio and RStudio ME Station.

If the FactoryTalk Automation Platform is installed, it must be uninstalled before reinstalling. If you are upgrading from a previous version to version 3.10.00, the FactoryTalk Automation Platform will not appear. However, if you have to reinstall the current version for any reason, remember to uninstall the FactoryTalk Automation Platform first.

### To uninstall FactoryTalk Automation Platform

1. Click the Windows Start button, select Settings, and then click Control Panel.
2. In the Windows Control Panel, double-click Add/Remove Programs.
3. Click FactoryTalk™ Automation Platform, and then click Remove.
4. In the confirmation dialog box, click Yes.
5. When the uninstall process is complete, click Close to close the Add/Remove Programs dialog box, and then close the Control Panel.

### To uninstall RStudio and/or ME Station

1. Click the Windows Start button, select Settings, and then click Control Panel.
2. In the Windows Control Panel, double-click Add/Remove Programs.
3. Click RStudio Machine Edition™, and then click Remove.
4. In the confirmation dialog box, click Yes.
5. When the uninstall process is complete, click Close to close the Add/Remove Programs dialog box, and then close the Control Panel.

### To uninstall RSLinx Enterprise

1. Click the Windows Start button, select Settings, and then click Control Panel.
2. In the Windows Control Panel, double-click Add/Remove Programs.
3. Click RSLinx Enterprise, and then click Remove.

4. In the confirmation dialog box, click Yes.
5. When the uninstall process is complete, click Close to close the Add/Remove Programs dialog box, and then close the Control Panel.

## **Installation steps**

### **To install RSVIEW Studio and ME Station**

1. Close all open Windows programs.
2. Place the RSVIEW Machine Edition CD in your CD-ROM drive. The CD should start running automatically.

If the CD does not start automatically, run D:\Setup.exe where D is the drive containing the CD.

3. In the RSVIEW Machine Edition window, click Install FactoryTalk Automation Platform. When the installation finishes, click OK.
4. In the RSVIEW Machine Edition window, click Install RSVIEW Studio and RSVIEW ME Station.

The Installation Wizard opens.

If you have not yet uninstalled an earlier version of RSVIEW Studio, you must uninstall the earlier version before continuing. For instructions, see “Uninstalling,” earlier in this section.

5. Follow the on-screen instructions.
6. After the RSVIEW Studio ME Station installation completes, the RSLinx Enterprise Installation Wizard opens. RSLinx Enterprise is required for run-time communications. Follow the on-screen instructions.
7. If you are upgrading from version 1.5 or earlier, you are asked whether to move existing run-time application files to a new location. Click Yes or No.
8. You are prompted to activate the product you are installing. If activation is present from a previous installation, clear the Yes, Install Activation now check box, and then click Finish.

If you removed the activation or if you are installing RSVIEW Studio for the first time, leave the Yes, Install Activation now check box checked. Insert the Activation disk in the disk drive, and then click Finish.

9. If you are activating the software now, see Start\Programs\Rockwell Software\Utilities\Activation Help for detailed instructions.

For more information about activation, see “Activating,” later in this chapter.

## Installation summary

The installation does the following:

- installs the shared components for the FactoryTalk Automation Platform.
- installs RStudio and RStudio ME Station in \Program Files\Rockwell Software\RStudio Enterprise. This folder contains the RStudio software and tools.
- installs RSLinx Enterprise in \Program Files\Rockwell Software\RSLinx Enterprise. This folder contains the RSLinx Enterprise files.
- adds a \Program Files\Rockwell Software\RSUtil folder. This folder contains the Rockwell Software utilities needed for activating RStudio. It also contains the *Rockwell Automation Services and Support Guide* Help file.
- adds a \Documents and Settings\All Users\Documents\RStudio Enterprise\Images folder. This folder contains bitmap image files that you can use on graphic objects.

NOTE: In Windows XP, the Documents folder is called Shared Documents.

- adds a \Documents and Settings\All Users\Documents\RStudio Enterprise\ME\HMI projects folder. This folder contains sample applications for RStudio and stores applications that you create.
- adds a \Documents and Settings\All Users\Documents\RStudio Enterprise\ME\Libraries folder. This folder contains graphic library component files and image files used in the library displays.
- if you are upgrading from version 1.5 or earlier, provides the option of moving run-time application files and log files from the old location to \Documents and Settings\All Users\Documents\RStudio Enterprise\ME, to folders called Runtime and Logs, respectively.

For the RStudio ME Station installation summary, see Chapter 3.

## Activating

RSView Machine Edition uses files that reside on the Activation disk to activate its Windows-based software packages. Without activation, RSView Studio runs in demo mode, allowing two hours of use and no more than five displays (including the three default displays).

During installation, the software prompts you to insert the Activation disk and move the activation key from the disk to the drive where you have installed RSView Studio.

For information about activating RSView ME station, see Chapter 3. For help see Start\Programs\Rockwell Software\Utilities\Activation Help.

### About the Activation disk

The Activation disk (also referred to as a Master disk) activates RSView Studio.

The Activation disk contains:

- one or more activation files.

The activation file is the software “key” that activates your RSView Machine Edition product. Depending on what you purchase, your Activation disk has one or more activation files. For example, if your company purchases four RSView Studio installations, you require four activation keys.

Multiple copies of the same software require activation keys with matching serial numbers. All of the activation keys can be on the same Activation disk.

- a program called EvMoveW.exe that moves activation keys to and from computers.
- a program called ResetW.exe that reactivates a damaged activation key.

You can move activation keys to and from the Activation disk. The programs EvMoveW.exe and ResetW.exe always stay on the Activation disk.

### Activation keys

RSView Studio uses the activation key RSVME.STUDIO.

## Starting

You can start RSView Studio manually, or you can set up the program to start automatically when Windows starts.

For information about starting RSView ME Station, see Chapter 3.

## Starting RSVIEW Studio manually

In Windows 2000, click the Windows Start button, select Programs, and then click RSVIEW Studio. In Windows XP, click the Windows Start button, select All Programs, and then click RSVIEW Studio.

## Starting automatically

To start RSVIEW Studio automatically each time Windows starts, include a shortcut in the Windows Startup folder.

### To add RSVIEW Studio to the Startup folder

1. Click the Windows Start button, select Settings, and then click “Taskbar & Start Menu.”
2. In the Taskbar and Start Menu Properties dialog box, click the Advanced tab.
3. Click Add. The Create Shortcut dialog box opens.
4. Browse to the location of the Launcher.exe file, and then click the file name. The path is \Program Files\Rockwell Software\RSVIEW Enterprise\Launcher.exe.
5. Click OK, and then click Next.
6. In the Select Program Folder dialog box, select the Startup folder, and then click Next.
7. Specify a name for the shortcut (for example, RSVIEW Studio).
8. Click Finish, and then click OK.

## Using sample applications

RSVIEW Studio comes with sample applications that highlight features of the product. Most of these applications have two versions, designed for two different screen resolutions.

For example:

- Overview\_640x480.med
- Overview\_800x600.med

A sample run-time application file (with the extension .mer) is included in each sample application’s directory.

The path to the sample applications is:

\Documents and Settings\All Users\Documents\RSView  
Enterprise\ME\HMI projects.

HMI projects contains a folder for each sample application.

If you haven't activated RSView Studio, use the sample application Objects 5 Screen Demo.med.

**To open a sample application when you start RSView Studio**

1. In RSView Studio, in the New/Open Machine Edition Application dialog box, click the Existing tab.
2. Click the name of the sample application to open, and then click Open.

**To open a sample application after RSView Studio is open**

1. In RSView Studio, click File, and then click Open Application.  
If an application is already open, you are asked whether to close it. Click Yes.
2. Click the name of the sample application to open, and then click Open.



# Installing and activating RSView ME Station on Windows 2000 or Windows XP

## System requirements

To run RSView ME Station™ on a computer that uses the Windows® 2000 or Windows XP operating system, the requirements are:

- **Personal computer** with an Intel® Pentium® II processor. (300 MHz or faster processor recommended.)
- **Memory (RAM).** 128 MB (256 MB recommended with Windows XP).
- **Hard disk space.** Minimum 100 MB.
- **Operating system.** Microsoft® Windows 2000 Professional with Service Pack 4 or Microsoft Windows XP Professional with Service Pack 1.

## Installing

The steps below explain how to install the RSView ME Station software from the CD-ROM to your computer.

The installation process creates program folders and modifies registry entries. In order to make these modifications, the user that is currently logged in must have administrative rights on the Windows 2000 or Windows XP computer on which RSView is installed (for example, the Windows 2000 Administrator account has these rights).

## Uninstalling

If you are upgrading from an earlier version of RSView ME Station, you must uninstall the the earlier version before upgrading.

If the FactoryTalk Automation Platform is installed, it must be uninstalled before reinstalling. If you are upgrading from a previous version to version 3.10.00, the FactoryTalk Automation Platform will not appear. However, if you have to reinstall the current version for any reason, remember to uninstall the FactoryTalk Automation Platform first.

### To uninstall FactoryTalk Automation Platform

1. Click the Windows Start button, select Settings, and then click Control Panel.
2. In the Windows Control Panel, double-click Add/Remove Programs.
3. Click FactoryTalk™ Automation Platform, and then click Remove.
4. In the confirmation dialog box, click Yes.
5. When the uninstall process is complete, click Close to close the Add/Remove Programs dialog box, and then close the Control Panel.

### To uninstall RSView ME Station

1. Click the Windows Start button, select Settings, and then click Control Panel.
2. In the Windows Control Panel, double-click Add/Remove Programs.
3. Click RSView ME Station, and then click Remove.
4. In the confirmation dialog box, click Yes.
5. When the uninstall process is complete, click Close to close the Add/Remove Programs dialog box, and then close the Control Panel.

### To uninstall RSLinx Enterprise

1. Click the Windows Start button, select Settings, and then click Control Panel.
2. In the Windows Control Panel, double-click Add/Remove Programs.
3. Click RSLinx Enterprise™, and then click Remove.
4. In the confirmation dialog box, click Yes.

5. When the uninstall process is complete, click Close to close the Add/Remove Programs dialog box, and then close the Control Panel.

## **Installation steps**

### **To install RSVIEW ME Station**

1. Close all open Windows programs.
2. Place the RSVIEW Machine Edition CD in your CD-ROM drive. The CD should start running automatically.

If the CD does not start automatically, run D:\Setup.exe where D is the drive containing the CD.

3. In the RSVIEW Machine Edition window, click Install FactoryTalk Automation Platform. When the installation finishes, click OK.
4. In the RSVIEW Machine Edition window, click Install RSVIEW ME Station. The Installation Wizard opens.

5. Follow the on-screen instructions.
6. After the RSVIEW Studio ME Station installation completes, the RSLinx Enterprise Installation Wizard opens. Follow the on-screen instructions. RSLinx Enterprise is required for run-time communications.
7. If you are upgrading from version 1.5 or earlier, you are asked whether to move existing run-time application files to a new location. Click Yes or No.
8. You are prompted to activate the product you are installing. If activation is present from a previous installation, clear the Yes, install Activation now check box, and then click Finish.

If you removed the activation or if you are installing RSVIEW ME Station for the first time, leave the Yes, install Activation now check box checked. Insert the Activation disk in the diskette drive, and then click Finish.

9. If you are activating the software now, see Start\Programs\Rockwell Software\Utilities\Activation Help for detailed instructions.

For more information about activation, see “Activating,” later in this chapter.

## **Installation summary**

The default installation does the following:

- installs the shared components for the FactoryTalk Automation Platform
- installs RSVIEW ME Station in \Program Files\Rockwell Software\RSVIEW Enterprise. This folder contains the RSVIEW ME Station software and the DeskLock tool.
- installs RSLinx Enterprise in \Program Files\Rockwell Software\RSLinx Enterprise. This folder contains the RSLinx Enterprise files.
- adds a \Program Files\Rockwell Software\RSUtil folder. This folder contains the Rockwell Software utilities needed for activating RSVIEW ME Station. It also contains the *Rockwell Automation Services and Support Guide* Help file.
- if you are upgrading from version 1.5 or earlier, moves run-time application files and log files from the old location to \Documents and Settings\All Users\Documents\RSVIEW Enterprise\ME, to folders called Runtime and Logs, respectively (unless you elected not to move the files).

## Activating

RSVIEW ME Station uses activation files to activate its Windows-based software packages. The activation files are on the Activation disk. During installation, the software prompts you to insert the Activation disk and move the activation key from the disk to the drive where you have installed RSVIEW ME Station.

### About the Activation disk

The Activation disk (also may be referred to as a Master disk) activates RSVIEW ME Station. Without activation, RSVIEW ME Station runs in demo mode, allowing two hours of use and no more than five displays (including the three default displays).

#### The Activation disk

The Activation disk contains:

- one or more activation files.

The activation file is the software “key” that activates your RSVIEW Machine Edition product. Depending on what you purchase, your Activation disk has one or more activation files. For example, if your company purchases four RSVIEW ME Station installations, you require four activation keys.

Multiple copies of the same software require activation keys with matching serial numbers. All of the activation keys can be on the same Activation disk.

- a program called EvMoveW.exe that moves activation keys to and from computers.
- a program called ResetW.exe that reactivates a damaged activation key.

You can move activation keys to and from the Activation disk. The programs EvMoveW.exe and ResetW.exe always stay on the Activation disk.

### **Activation keys**

RSView ME Station installed on computers running Windows 2000 or Windows XP uses the activation keys RSVME.RUN, RSVME.30, and RSVME.15. The particular keys on your Activation disk depend on the licensing you purchase, and determine how many displays your applications can contain:

- RSVME.RUN comes with the license for 75 displays.
- RSVME.30 comes with the license for 30 displays.
- RSVME.15 comes with the license for 15 displays.

## **Starting**

You can start RSView ME Station manually, or you can set up the program to start automatically when Windows starts.

### **Starting RSView ME Station manually**

Click the Windows Start button, select Programs > Rockwell Software > RSView Enterprise, and then click RSView ME Station.

The RSView ME Station dialog box opens. For information about the options in the dialog box, see Chapter 24 in the *RSView Machine Edition User's Guide*.

### **Starting automatically**

You can set up RSView ME Station to start automatically and run a particular application when Windows starts. For more information, see Chapter 24 in the *RSView Machine Edition User's Guide*.

## Using sample applications

RSView Studio™ comes with sample applications that highlight features of the product. Most of these applications have two run-time versions, designed for two different screen resolutions.

For example:

- Overview\_640x480.mer
- Overview\_800x600.mer

The sample applications are located at this path on the development computer (the computer on which RSView Studio is installed):

```
\Documents and Settings\All Users\Documents\RSView  
Enterprise\ME\HMI projects.
```

HMI projects contains a folder for each sample application.

If you haven't activated RSView ME Station, use the sample application Objects 5 Screen Demo.mer.

If you're running RSView ME Station on a computer that doesn't have RSView Studio installed on it, copy the sample application's .mer file to the run-time computer. For more information, see Chapter 24 in the *RSView Machine Edition User's Guide*.

### To run a sample run-time application

1. In the RSView ME Station dialog box, click Load Application.
2. Select the sample application's .mer file, and then click Open.
3. To replace the terminal's current communication configuration with the application's communication configuration, click Yes. To keep the terminal's current communication configuration, click No.

The application name is displayed in the Current application text box in the RSView ME Station dialog box.

4. To run the application, click Run Application.

# 4

## Running RSView ME Station on a PanelView Plus terminal

### System requirements

To run RSView ME Station™ on a PanelView Plus™ terminal, the requirements are:

- **Available Memory (RAM).** 64 MB.
- **Available Flash Storage space.** 32 MB.
- **PC cards.** Optional cards for storing temporary files or data log files.

### Installing

The PanelView Plus terminal comes with RSView ME Station pre-installed.

### Reinstalling

If necessary, you can reinstall (upgrade) RSView ME Station on the PanelView Plus terminal using the Firmware Upgrade Wizard. A firmware upgrade reinstalls ME Station and RSLinx Enterprise™ as well as other programs.

#### To reinstall the firmware

Using the Firmware Upgrade Wizard, you can:

- create a firmware upgrade card that can be plugged into a PanelView Plus.
  - update the firmware on a PanelView Plus that is connected by a network to a Windows® 2000/XP computer.
1. For information on installing and using the Firmware Upgrade Wizard, see Tech Note A 519616187 in the Rockwell Automation Knowledgebase.

2. Follow the instructions in the wizard to reinstall or upgrade the firmware on your PanelView Plus.

For more information, see the Firmware Upgrade Wizard Help.

## Starting

You can start RSVIEW ME Station manually, or you can set up the program to start automatically when the PanelView Plus terminal is turned on.

### Starting RSVIEW ME Station manually

You can use the options in the RSVIEW ME Station dialog box to load, set up and run your application on the PanelView Plus terminal. For information about the options in the dialog box, see Chapter 25 in the *RSVIEW Machine Edition User's Guide*.

### Starting automatically

You can set up RSVIEW ME Station to start automatically and run a particular application when the PanelView Plus terminal is turned on. For more information, see Chapter 25 in the *RSVIEW Machine Edition User's Guide*.

## Running applications

Before you can run an application on the PanelView Plus terminal, you must transfer it to the PanelView Plus terminal.

For information about transferring applications to the PanelView Plus terminal and preparing to run them, see Chapter 25 in the *RSVIEW Machine Edition User's Guide*.

## Using sample applications

RSVIEW Studio comes with sample applications that highlight features of the product. Most of these applications have two run-time versions, designed for two different screen resolutions.

For example:

- Overview\_640x480.mer
- Overview\_800x600.mer

The sample applications are located at this path on the development computer (the computer on which RSVIEW Studio is installed):

\Documents and Settings\All Users\Documents\RSView  
Enterprise\ME\HMI projects.

HMI projects contains a folder for each sample application.

### **To run a sample run-time application**

1. Transfer the application's .mer file to the PanelView Plus terminal and prepare to run the application.

For detailed instructions, see Chapter 25 in the *RSView Machine Edition User's Guide*.

2. Start RSVIEW ME Station.
3. In the RSVIEW ME Station dialog box, click Load Application.
4. Select the sample application's .mer file, click the file name, and then click Load.

The application name is displayed in the Current Application name box in the RSVIEW ME Station dialog box.

5. To replace the terminal's current communication configuration with the application's communication configuration, click Yes. If not, click No.
6. To run the application, click Run Application.



## Running RSView ME Station on the VersaView CE terminal

### System requirements

To run RSView ME Station™ on a VersaView™ CE Industrial Computer, the requirements are:

- **Available Memory (RAM).** 64 MB.
- **Available Storage Card space.** 32 MB.
- **Operating system.** Microsoft® Windows® CE.NET 4.1.
- **PC cards.** Optional cards for storing temporary files or data log files.

### Installing

The VersaView CE terminal comes with RSView ME Station already installed.

### Reinstalling

If necessary, you can reinstall (upgrade) RSView ME Station. There are two methods you can use; using ActiveSync®, and using the Firmware Upgrade Wizard.

Reinstall using ActiveSync when you have software other than RSView ME Station installed on your terminal that should not be removed. This process reinstalls the files associated with RSView ME Station only, and leaves all other files alone.

Reinstall RSVIEW ME Station using the Firmware Upgrade Wizard when only RSVIEW ME Station is installed on your terminal. The Firmware Upgrade Wizard removes other programs and documents from the terminal during the upgrade process.

## Using ActiveSync

The steps below explain how to install the RSVIEW ME Station software from the CD-ROM on the PC to the VersaView CE terminal using ActiveSync.

### To prepare for the upgrade

1. On a computer (PC) running Windows 2000 or Windows XP, install Microsoft ActiveSync 3.0 or higher.  
  
ActiveSync 3.0 is included on the VersaView CE Applications and Accessories CD-ROM. You can also download the software from the Microsoft web site.
2. Connect the VersaView CE terminal to the PC, using the Allen-Bradley serial cable 2711-NC13. For details about wiring the cable, see the *VersaView CE 6182H Operator Terminals User Manual*.
3. Prepare the VersaView CE for a serial download. Follow the instructions in the *VersaView CE 6182H Operator Terminals User Manual*.
4. Insert the RSVIEW Machine Edition™ CD in the PC's CD-ROM drive.

### To upgrade RSVIEW ME Station

1. On the VersaView CE terminal, click the Windows Start button, select Programs > Communication, and then click Active Sync.  
  
The VersaView CE terminal attempts to connect to the PC. If it does not connect immediately, check the steps in the previous section and make sure the cable is firmly connected. Restart the VersaView CE terminal and the PC, and then try again.
2. If the VersaView CE terminal still does not connect to the PC, open ActiveSync on the PC manually:  
  
On the PC, click the Windows Start button, select Programs, and then click Microsoft ActiveSync.
3. On the PC, the Microsoft ActiveSync dialog box opens, and then the Get Connected dialog box should open. If the Get Connected dialog box does not open, on the File menu, click Get Connected.

4. In the Get Connected dialog box, click Next.  
The New Partnership dialog box opens.
5. When asked whether to set up a partnership, click No, and then click Next.
6. In the Microsoft ActiveSync dialog box, click Explore.  
The VersaView CE is shown as a folder named Mobile Device.
7. In the Mobile Device folder, open the My Computer folder.  
Inside the My Computer folder is a folder called Storage Card.
8. Browse the CD-ROM on the PC to the file Setup.exe.
9. Copy the file Setup.exe to the Storage Card folder on the VersaView CE terminal.
10. On the VersaView CE terminal, click the Windows Start button, and then click Run.
11. In the Run dialog box, type “\Storage Card\Setup.exe” (including the quotation marks).  
The RSView ME Station Self-extracting dialog box opens and RSView ME Station begins to self-extract its program files.
12. When setup is complete, delete the file Setup.exe from \Storage Card.

## **Using the Firmware Upgrade Wizard**

If necessary, you can reinstall (upgrade) RSView ME Station on the VersaView CE terminal using the Firmware Upgrade Wizard. A firmware upgrade reinstalls ME Station and RSLinx Enterprise as well as other programs.

### **To upgrade the firmware**

Using the Firmware Upgrade wizard, you can:

- create a firmware upgrade card that can be plugged into a VersaView CE terminal.
  - update the firmware on a VersaView CE terminal that is connected by a network to a Windows 2000/XP computer.
1. For information on installing and using the Firmware Upgrade Wizard, see Tech Note A 519616187 in the Rockwell Automation Knowledgebase.

2. Follow the instructions in the wizard to upgrade the firmware on your VersaView CE terminal.

For more information about using the Firmware Upgrade Wizard, see Help.

## Starting

You can start RSVIEW ME Station manually, or you can set up the program to start automatically when the VersaView CE terminal is turned on.

### Starting RSVIEW ME Station manually

Click the Windows Start button, select Programs > Rockwell Software, and then click RSVIEW ME Station.

The RSVIEW ME Station dialog box opens. For information about the options in the dialog box, see Chapter 25 in the *RSVIEW Machine Edition User's Guide*.

### Starting automatically

You can set up RSVIEW ME Station to start automatically and run a particular application when the VersaView CE terminal is turned on. For more information, see Chapter 25 in the *RSVIEW Machine Edition User's Guide*.

## Running applications

Before you can run an application on the VersaView CE terminal, you must transfer it to the VersaView CE terminal.

For information about transferring applications to the VersaView CE terminal and preparing to run them, see Chapter 25 in the *RSVIEW Machine Edition User's Guide*.

## Using sample applications

RSVIEW Studio comes with sample applications that highlight features of the product. Most of these applications have two run-time versions, designed for two different screen resolutions.

For example:

- Overview\_640x480.mer
- Overview\_800x600.mer

The sample applications are located at this path on the development computer (the computer on which RSView Studio is installed):

```
\Documents and Settings\All Users\Documents\RSView  
Enterprise\ME\HMI projects.
```

HMI projects contains a folder for each sample application.

If you haven't activated RSView ME Station, use the sample application Objects 5 Screen Demo.mer.

### **To run a sample run-time application**

1. Transfer the application's .mer file to the VersaView CE terminal and prepare to run the application.

For detailed instructions, see Chapter 25 in the *RSView Machine Edition User's Guide*.

2. Start RSView ME Station.
3. In the RSView ME Station dialog box, click Load Application.
4. Select the sample application's .mer file, click the file name, and then click Load.
5. To replace the terminal's current communication configuration with the application's communication configuration, click Yes. Click No to keep the terminal's current communication configuration.

The application name is displayed in the Current application name box in the RSView ME Station dialog box.

6. To run the application, click Run Application.



## Running RSView ME Station on a MobileView terminal

### System requirements

To run RSView ME Station™ on a MobileView™ terminal, the requirements are:

- **Available Memory (RAM).** 64 MB.
- **Available Flash Storage space.** 32 MB.
- **Operating system.** Microsoft® Windows® CE.NET 4.1.
- **PC cards.** Optional cards for storing temporary files or data log files.

### Installing

The MobileView terminal comes with RSView ME Station pre-installed.

### Reinstalling

If necessary, you can reinstall (upgrade) RSView ME Station. There are two methods you can use; using ActiveSync®, and using the Firmware Upgrade Wizard.

Reinstall using ActiveSync when you have software other than RSView ME Station installed on your terminal that should not be removed. This process reinstalls the files associated with RSView ME Station only, and leaves all other files alone.

Reinstall RSView ME Station using the Firmware Upgrade Wizard when only RSView ME Station is installed on your terminal. The Firmware Upgrade Wizard removes other programs and documents from the terminal during the upgrade process.

## Using ActiveSync

The steps below explain how to install the RSVIEW ME Station software from the CD-ROM on the PC to the MobileView terminal using ActiveSync.

### To prepare for the upgrade

1. On a computer (PC) running Windows 2000 or Windows XP, install Microsoft ActiveSync 3.1 or higher.

Download ActiveSync from the Internet at [www.microsoft.com/pocketpc/downloads/activesync.asp](http://www.microsoft.com/pocketpc/downloads/activesync.asp) and follow Microsoft's installation instructions.

2. Connect the MobileView terminal to the PC, using the Allen-Bradley serial cable 2727-MRC1. For details about wiring the cable, see the *MobileView Machine Terminal MT-750 User Manual* or the *MobileView Guard Terminal G-750 User Manual*.
3. Prepare the MobileView for a serial download. Follow the instructions in the *MobileView Machine Terminal MT-750 User Manual* or the *MobileView Guard Terminal G-750 User Manual*.
4. Insert the RSVIEW Machine Edition™ CD in the PC's CD-ROM drive.

### To upgrade RSVIEW ME Station

1. On the MobileView terminal, click the Windows Start button, select Programs > Communication, and then click Active Sync.

The MobileView terminal attempts to connect to the PC. If it does not connect immediately, check the steps in the previous section and make sure the cable is firmly connected. Restart the MobileView terminal and the PC, and then try again.

2. If the MobileView terminal still does not connect to the PC, open ActiveSync on the PC manually:

On the PC, click the Windows Start button, select Programs, and then click Microsoft ActiveSync.

3. On the PC, the Microsoft ActiveSync dialog box opens, and then the Get Connected dialog box should open. If the Get Connected dialog box does not open, on the File menu, click Get Connected.
4. In the Get Connected dialog box, click Next.

The New Partnership dialog box opens.

5. When asked whether to set up a partnership, click No, and then click Next.
6. In the Microsoft ActiveSync dialog box, click Explore.  
The MobileView is shown as a folder named Mobile Device.
7. In the Mobile Device folder, open the My Computer folder.  
Inside the My Computer folder is a folder called Storage Card.
8. Browse the CD-ROM on the PC to the file Setup.exe.
9. Copy the file Setup.exe to the Storage Card folder on the MobileView terminal.
10. On the MobileView terminal, click the Windows Start button, and then click Run.
11. In the Run dialog box, type “\Storage Card\Setup.exe” (including the quotation marks).

The RSView ME Station Self-extracting dialog box opens and RSView ME Station begins to self-extract its program files.

12. When setup is complete, delete the file Setup.exe from \Storage Card.

## **Using the Firmware Upgrade Wizard**

If necessary, you can reinstall (upgrade) RSView ME Station on the MobileView terminal using the Firmware Upgrade Wizard. A firmware upgrade reinstalls ME Station and RSLinx Enterprise as well as other programs.

### **To upgrade the firmware**

Using the Firmware Upgrade wizard, you can:

- create a firmware upgrade card that can be plugged into a MobileView terminal.
  - update the firmware on a MobileView terminal that is connected by a network to a Windows 2000/XP computer.
1. For information on installing and using the Firmware Upgrade Wizard, see Tech Note A 519616187 in the Rockwell Automation Knowledgebase.

2. Follow the instructions in the wizard to upgrade the firmware on your MobileView terminal.

For more information, see the Firmware Upgrade Wizard Help.

## Starting

You can start RSView ME Station manually, or you can set up the program to start automatically when the MobileView terminal is turned on.

### Starting RSView ME Station manually

Click the Windows Start button, select Programs > Rockwell Software, and then click RSView ME Station.

The RSView ME Station dialog box opens. For information about the options in the dialog box, see Chapter 26 in the *RSView Machine Edition User's Guide*.

### Starting automatically

You can set up RSView ME Station to start automatically and run a particular application when the MobileView terminal is turned on. For more information, see Chapter 26 in the *RSView Machine Edition User's Guide*.

## Running applications

Before you can run an application on the MobileView terminal, you must transfer it to the MobileView terminal.

For information about transferring applications to the MobileView terminal and preparing to run them, see Chapter 26 in the *RSView Machine Edition User's Guide*.

## Using sample applications

RSView Studio comes with sample applications that highlight features of the product. Most of these applications have two run-time versions, designed for two different screen resolutions.

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The sample applications are located at this path on the development computer (the computer on which RSVIEW Studio is installed):

```
\Documents and Settings\All Users\Documents\RSView  
Enterprise\ME\HMI projects.
```

HMI projects contains a folder for each sample application.

### **To run a sample run-time application**

1. Transfer the application's .mer file to the MobileView terminal and prepare to run the application.

For detailed instructions, see Chapter 26 in the *RSView Machine Edition User's Guide*.

2. Start RSVIEW ME Station.
3. In the RSVIEW ME Station dialog box, click Load Application.
4. Select the sample application's .mer file, click the file name, and then click Load.

The application name is displayed in the Current application name box in the RSVIEW ME Station dialog box.

5. To replace the terminal's current communication configuration with the application's communication configuration, click Yes. If not, click No.
6. To run the application, click Run Application.



## Getting the information you need

### Using the User's Guide

The *RSView Machine Edition User's Guide* provides step-by-step procedures and reference information for working with all the features in RSView Studio™ and RSView ME Station™. It provides detailed information about creating and running applications.

**To view the User's Guide while RSView Studio is running:**

- On the RSView Studio menu bar, click Help, select Online Books, and then click User's Guide.

This Installation Guide is also available from the Help menu.

If desired, you can print the online User's Guide. For more information, see Adobe® Acrobat® Reader™ Help.

### Using RSView Studio Help

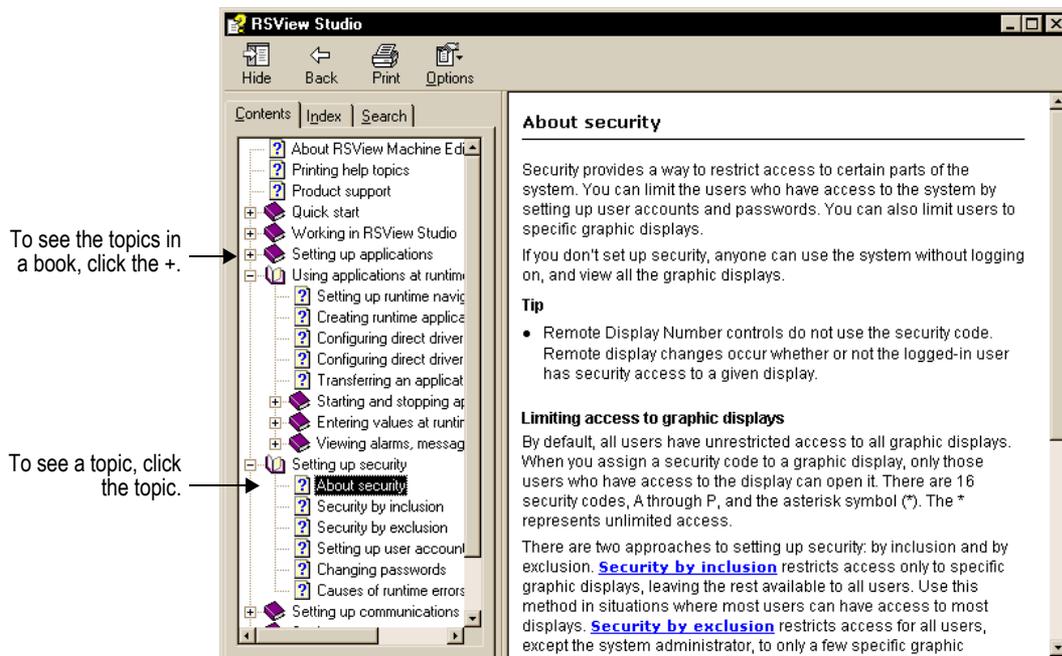
RSView Studio Help provides step-by-step procedures and reference information for working with all the features in RSView Studio.

**To open Help while RSView Studio is running**

- Click the Help button on any window.  
OR
- On the RSView Studio menu bar, click Help, and then click Contents.  
OR
- Press the F1 key.

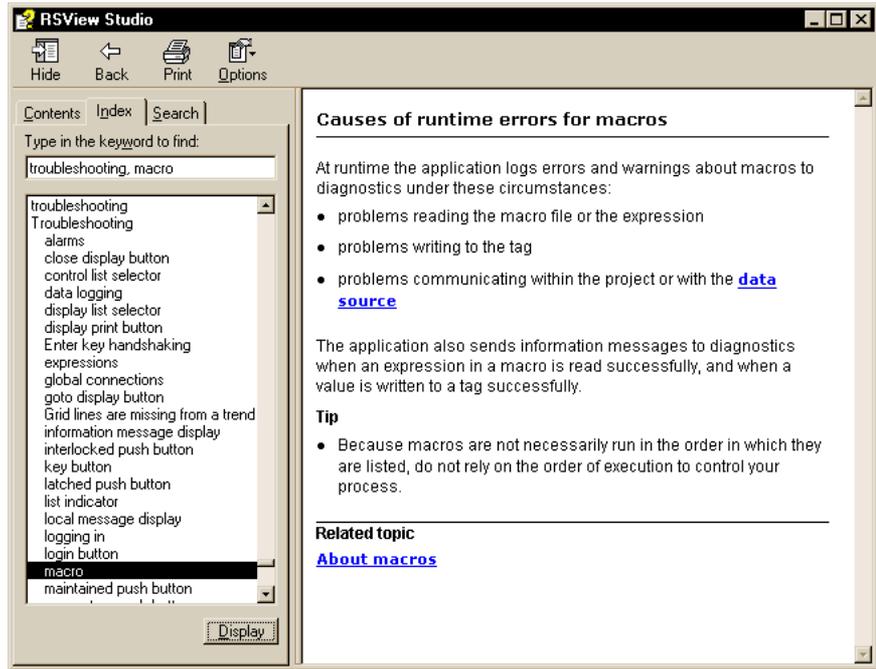
## Viewing the Help contents

For an overview of RSView Studio Help, click the Contents tab.



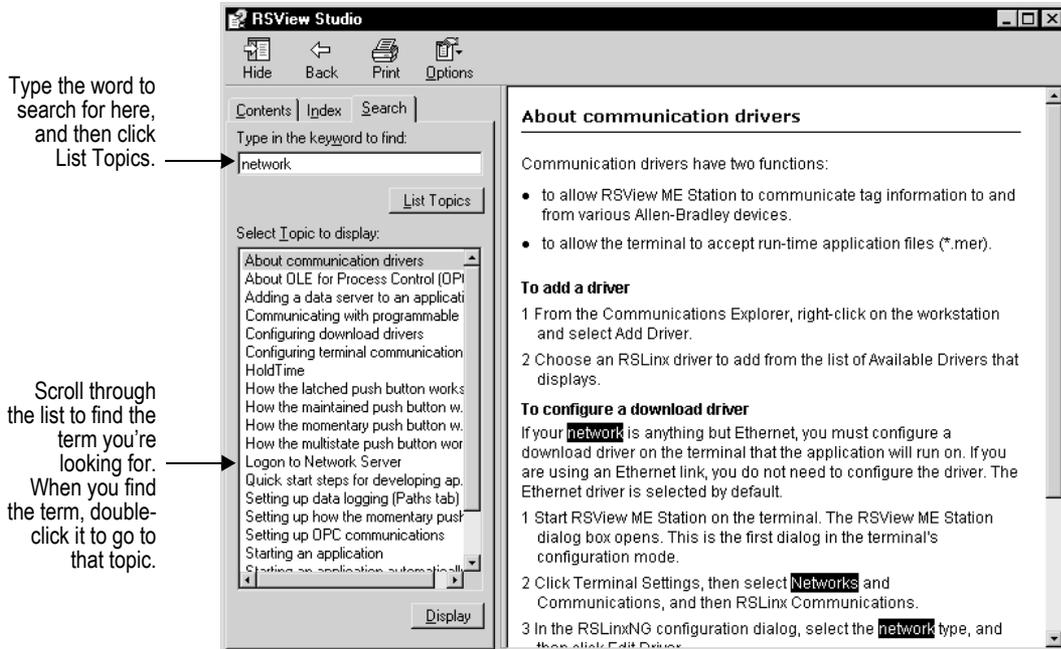
## Using the index

The Help index is similar to an index in a book, listing keywords for topics in Help. To see the index, click the Index tab.



## Finding words or topics

To search the entire text of the Help, click the Search tab.



## Using the RSVIEW online user's guides

The RSVIEW CD-ROM includes the following manuals:

- *RSVIEW Machine Edition User's Guide*
- *RSVIEW Machine Edition Installation Guide*

The RSVIEW CD-ROM also includes the Adobe Acrobat Reader software for viewing the guides. You can print all or part of the guides, and you can copy text and graphics from the guides and paste them into other documents.

### Viewing the guides

To access the user's guides, click Help, point to Online Books, and then click the name of the book you want to view.

### Finding information

You can search the online guides for a particular word or phrase.

#### To find a word or phrase:

1. Do one of the following:
  - on the toolbar, click the Find tool
  - on the Edit menu, click Find
2. In the Find dialog box, type the word or phrase you want, and then click Find.



Find tool

The word or phrase is highlighted in the text. To find another instance of the word or phrase, click Find Again on the Edit menu.

## Printing pages

You can print selected text, single pages, or an entire guide.

### To print selected text:

1. On the File menu, click Page Setup, then select and set up the printer you will use.
2. On the toolbar, click the Text select tool, and then select the text you want to print
3. On the File menu, click Print.
4. In the Print dialog box, ensure the correct printer is selected, click Selected pages/graphic, and then click OK.



Text select tool

### To print one or more pages:

1. On the File menu, click Page Setup to select and set up the printer you will use.
2. On the File menu, click Print.
3. In the Print dialog box, ensure the correct printer is selected, click Current Page or specify Start and End pages, and then click OK.

## Using the online guide for the reader

For more information about the Adobe Acrobat Reader, see the Adobe Acrobat online guide. To open the online guide while Adobe Acrobat Reader is running, click Help on the menu bar and then click Reader Help.

# Technical Support Services

You have many options for finding information about using RSView, or solving problems with RSView.

## **Try the user's guides and Help first**

The RSView user's guides and Help provide comprehensive information about typical uses of RSView. Quite likely your question is answered in the documentation.

To find the answer, use the table of contents and the index in the user's guides and Help.

## **Information on the Internet**

If you can't find the answer to your question or problem in the user's guides or Help, you can also find information on the World Wide Web.

### **Accessing support pages on the Internet**

To access Rockwell Software's support pages on the Internet from within RSView, click Help, point to Rockwell Software on the Web, and then click the name of the web page you want to view.

To use Rockwell Software on the Web, you must have a web browser installed on your computer, and you must have an active Internet connection.

## **The Rockwell Software support web sites**

World Wide Web Support web site:

**<http://www.software.rockwell.com>**

**<http://support.rockwellautomation.com>**

The Rockwell Software support web sites include comprehensive searchable databases of support information for all Rockwell Automation and Rockwell Software products.

## **The RSView ME Forum**

<http://www.software.rockwell.com/forum/rsviem/>

The RSView ME Forum is a web site for users like you. The RSView Forum offers:

- an RSView frequently-asked questions (FAQ) list, for information about how to solve the problems our technical support teams encounter most often
- discussion groups, for exchanging tips and questions with other RSView users
- design resources, to help you put together graphic displays, VBA code samples for extending the functionality of RSView, and ready-made ActiveX objects you can use in your own RSView applications
- information about what's new, including product announcements, new articles and information provided by Rockwell Software

## **The RSView ME Knowledge Base**

To access the Knowledge Base, go to the Rockwell Software Home Page (<http://www.software.rockwell.com/>). From the menu bar, select Support > Online support > knowledgebases.

The Knowledge Base is a searchable database of technical notes and frequently asked questions updated daily by our support specialists.

# Contacting Rockwell Software Technical Support

If you can't find the answer to your question using any of the resources suggested above, contact Rockwell Software Technical Support at:

Telephone

**440-646-5800**

Fax

**440-646-5801**

Support staff are available Monday through Friday from 8 AM to 5 PM local time (North America only), except during holidays.

World Wide Web Support web site:

**<http://www.software.rockwell.com>**

**<http://support.rockwellautomation.com/contactinformation>**

## When you call

When you call, you should be at a computer and prepared to give the following information:

- the product serial number

You can find this number on the Activation disk label and in the Help About dialog box in RSView Studio.

- the product version number
- the type of hardware you are using
- the exact wording of any messages that appeared on your screen
- a description of what happened, and what you were doing when the problem occurred
- a description of how you tried to solve the problem

You may also be required to provide information about the RSView add-ons and updates that are installed on your computer.

**To view the list of installed add-ons and updates:**

1. With the Application Explorer window active, click Help, and then click About RStudio.
2. Click Add-ons to view the list of installed add-ons.
3. Click Updates to view the list of installed updates.