



# ***GE Fanuc Automation***

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***CIMPLICITY® Monitoring and Control Products***

## ***CIMPLICITY HMI Plant Edition***

### ***Getting Started Guide***

*GFK-1500C*

*July 2001*

**Following is a list of documentation icons:**



**Warning** notices are used in this publication to emphasize that hazardous voltages, currents, temperatures, or other conditions that could cause personal injury exist in the equipment or may be associated with its use.

In situations where inattention could cause either personal injury or damage to equipment, a Warning notice is used.



**Caution** provides information when careful attention must be taken in order to avoid damaging results.



**Important** flags important information.



**To do** calls attention to a procedure.



**Note** calls attention to information that is especially significant to understanding and operating the equipment.



**Tip** provides a suggestion.



**Guide** provides additional directions for selected topics.

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# Contents of this Manual

**Chapter 1. Introducing CIMPLICITY HMI Plant Edition.** Covers what you receive with a licensed or unlicensed system, a CIMPLICITY architecture overview, system recommendations, distributor telephone numbers and customer support telephone numbers.

**Chapter 2. Installing CIMPLICITY.** Describes how to start and proceed with CIMPLICITY installation based on your computer setup and CD-ROM location.

**Chapter 3. Registering CIMPLICITY.** Provides procedures for first time registration, registering new options and upgrades and using an unlicensed version and the accompanying restrictions.

**Chapter 4. Running the CIMPLICITY Demonstration Project.** Describes how to run a demonstration overview about CIMPLICITY and its applications and use the demonstration project to open the CIMPLICITY Workbench.

**Chapter 5. Using CIMPLICITY Help.** Describes how to use a Help Table of Contents, display help that is specific to an open application, install and use the CIMPLICITY Book Reader, and provides a list of all printed copies of the CIMPLICITY manuals from GE Fanuc Automation.

## Related Publications

For more basic information, refer to these publications:

*CIMPLICITY HMI Plant Edition User's Manual* (GFK-1180)

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# Introducing CIMPLICITY HMI Plant Edition

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## About CIMPLICITY Products

Welcome to GE Fanuc Automation's CIMPLICITY HMI product. The CD-ROM you received contains all the software, plus all the documentation you need to install, configure, and maintain your CIMPLICITY product software..

If you are a first time user of CIMPLICITY, this [Getting Started](#) guide will help you

- Install CIMPLICITY software.
- Register CIMPLICITY.
- Use the CIMPLICITY demonstration project.
- Discover the many ways to view online and electronic help.

This chapter covers:

- What you receive with a licensed or unlicensed system.
- A CIMPLICITY architecture overview.
- System recommendations.
- Distributor telephone numbers.
- Customer Support telephone numbers.

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## What You Receive

If you have not purchased a licensed system, you should receive the CIMPLICITY CD with distribution CD-ROM Liner Notes and this manual.

If you purchased a licensed system, you should also receive:

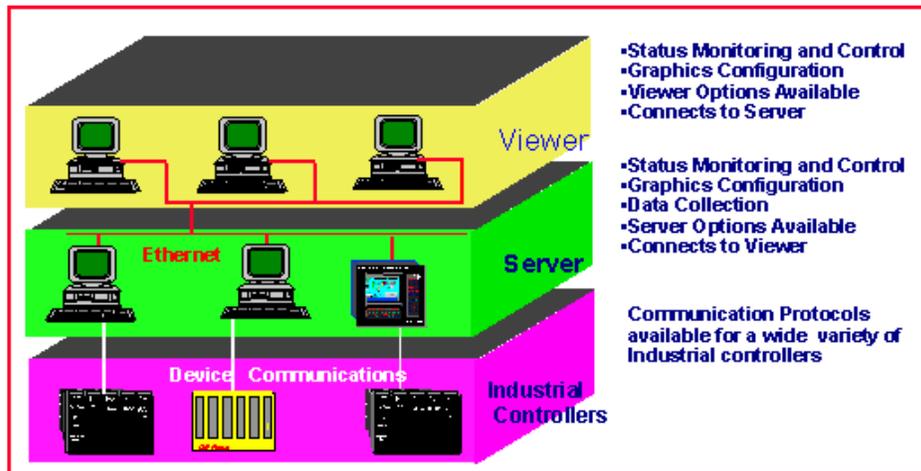
- CIMPLICITY Software License agreement.
- Licenses for the Base System, Communication Enablers and Options you purchased.
- An Important Product Information document for the current software release.
- (If you purchased options) Optional documentation.

If you believe that items may be missing from your shipment, contact your distributor. *See page 1-6 for distributor telephone numbers.*

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## System Architecture

CIMPLICITY software is scalable from a Human Machine Interface to a fully networked Supervisory Control and Data Acquisition (SCADA) system. The networking capabilities inherent at all levels within the product line let you achieve levels of integration that virtually eliminate redundant configuration within a network.



CIMPLICITY is based on a client server architecture consisting of Servers and Viewers. Servers are responsible for the collection and distribution of data. Viewers connect into Servers and have full access to the collected data for viewing and control actions.

Servers and Viewers can be easily networked together to seamlessly share data without the need to replicate your point database from node to node. For example, points are configured once and only once on a server. Screens can be developed and stored in a single location on the network and accessed by any other CIMPLICITY display on the network.

Servers can be licensed to collect data from, for example, 75, 150, 300, 700, 1500 or an unlimited number of device points. Exempted from the point count are virtual points, which reside only in the computer and points collected by another server. This I/O count architecture satisfies customers with small single node systems, and leverages CIMPLICITY's strong client-server architecture for multi-node systems. CIMPLICITY provides the flexibility to build a larger system through multiple smaller nodes without forcing you to purchase large and expensive server hardware to service multiple users.

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## System Recommendations

Several factors contribute to determining the system requirements for your CIMPLICITY configuration.

Factors include the:

- Number of points you are using,
- Number of CIMPLICITY applications,
- Number and size of log files and
- Number and size of CimView (graphic) files.

Following are recommendations for minimum requirements for a system. It is strongly recommended that you do not use a system that goes below these requirements.

You should also check the Important Product Information document shipped with your release for any last-minute changes to these recommendations.



**Note:** CIMPLICITY Server and Viewer software may be run on Microsoft Windows NT Workstation and Microsoft Windows 2000, or Microsoft Windows NT Server software. However, Microsoft Windows NT Workstation imposes a limit of 10 network connections. Due to this limitation, the number of remote client/server and device communication connections may be limited. If you require connections to multiple devices and/or multiple remote nodes, you should purchase Microsoft Windows Server for these applications.

CIMPLICITY supports Windows 98 and Windows ME for Viewers.

## Hardware Requirements for CIMPLICITY

You will need a Pentium® class PC (we recommend 233 MHz or better), a VGA monitor (Graphics Accelerator recommended), and access to a CD-ROM drive. Depending on the system type, you will also need the following:

<u>System Type</u>	<u>Operating System</u>	<u>Minimum Recommended RAM</u>	<u>Minimum Recommended Free Hard Disk</u>
Server	Windows NT Version 4.0 Windows 2000	128 MB	800 MB
Viewer	Windows NT Version 4.0 Windows 2000 Windows 98 Windows ME	128 MB	600 MB

If you plan to support third party drivers such as Data Highway Plus and MODBUS Plus, you will need an ISA bus.

If you plan to network to other PCs or use the Series 90 TCP/IP driver, you will also need an Ethernet adapter.

## Software Requirements for CIMPLICITY

CIMPLICITY installation requires that you have Microsoft Internet Explorer 5.5 or greater installed.

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## Distributor Telephone Numbers

For more information about purchasing GE Fanuc products, call your distributor.

You can call the GE Fanuc Information Centers at the following numbers for the location of your nearest GE Fanuc sales representative authorized distributor:

USA and Canada	<b>(800) 648-2001</b>
Europe	<b>(352) 727979-1</b>
Asia Pacific	<b>(65) 566-4919</b>
Latin America	<b>(610) 437-7932</b>
Mexico	<b>(800) 989-1244</b>

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## Customer Support

GE Fanuc takes pride in the high quality of CIMPLICITY software. Great emphasis has been placed on ensuring the quality of this system throughout development and testing. However, the tremendous power that the software offers may cause you to encounter problems or questions for your specific configuration.

If your CIMPLICITY software system is under warranty or is covered by a valid support contract, you may obtain assistance and report problems to the CIMPLICITY Technical Support Help Desk at one of the following numbers:

USA and Canada	<b>(800) GE-FANUC or (800) 433-2682</b>
All others	<b>(804) 978-6036</b>

The CIMPLICITY Help Desk is available from 8 A.M. to 8 P.M. Eastern Time, Monday through Friday, except for regularly scheduled USA holidays.

# Installing CIMPLICITY HMI

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## About CIMPLICITY HMI Installation

CIMPLICITY HMI installation is straightforward. You simply need to:

- Start CIMPLICITY HMI installation based on your computer setup and CD-ROM location.
- Proceed with CIMPLICITY HMI installation.

In addition to the two topics above, this chapter covers:

- New option installation.

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## CIMPLICITY HMI Installation Startup

Starting up CIMPLICITY HMI installation is similar to other Windows® based software. The exact procedure depends on whether you are using a:

- Local CD-ROM drive.
- Shared CD-ROM drive.

### Using a Local CD-ROM Drive to Install CIMPLICITY HMI

Installation from a local CD-ROM drive is straightforward.



#### **To install CIMPLICITY HMI software from a local CD-ROM drive:**

Once you have placed the CIMPLICITY HMI Distribution CD-ROM in the CD-ROM drive.

*Automatic startup enabled:*

The installation procedure starts automatically.

*Automatic startup disabled:*

1. Open the Windows Explorer.
2. Select the CD-ROM drive.
3. *(For a network computer that is different from the computer that holds the CD) map a drive to the computer that holds the CD.*

4. (For all computers) select **isetup.exe** on the CIMPLICITY HMI Distribution CD.

## Using a Shared CD-ROM Drive to Install CIMPLICITY HMI

If you are using a shared CD-ROM drive, you will need to take some simple steps on both the computer with the CD-ROM drive and the computer on which you will install CIMPLICITY HMI. .



### To prepare shared computers for CIMPLICITY HMI installation:

*On the computer with the CD-ROM drive:*

1. Open My Computer.
2. Select the CD-ROM drive.
3. Click the right mouse button and select Sharing... from the pop-up menu.
4. Select the Sharing tab for the drive.
5. Select Shared As.
6. Enter a name in the Share Name field.
7. Click **OK**.

*On the computer where you want to install CIMPLICITY HMI:*

1. Open My Computer.
2. Click the **Map Network Drive** button  on the Toolbar.
3. Select a Drive.
4. Specify a path to the shared CD-ROM.
5. Click **OK**.

***Result: You can now open the shared drive and select **isetup.exe** on the CIMPLICITY HMI Distribution CD.***

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## CIMPLICITY HMI Installation

The CIMPLICITY HMI installation is straightforward. These steps describe how to install both new products and upgrade versions, which require one additional step in the process.

- Step 1.** Begin the CIMPLICITY HMI 5.5 installation.
- Step 2.** Choose the CIMPLICITY Server, Viewer or Demo.
- Step 3.** Choose CIMPLICITY Server or Viewer options.
- Step 4.** Install CIMPLICITY.
- Step 5.** Complete CIMPLICITY 5.5 installation.

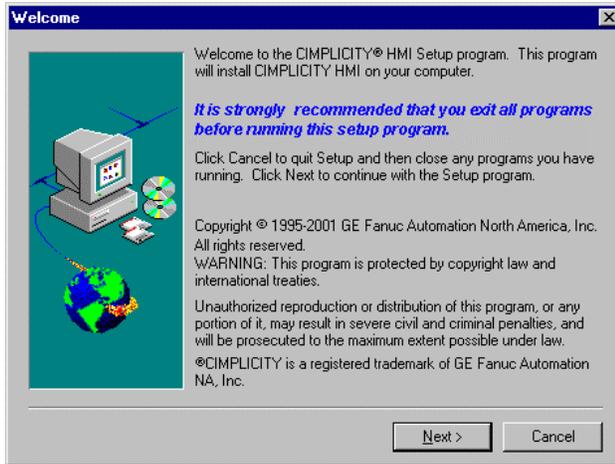
### **Step 1. Begin CIMPLICITY HMI 5.5 Installation**

1. Insert the CIMPLICITY HMI 5.5 CD in the CD-ROM drive.  
A CIMPLICITY HMI Setup screen appears.



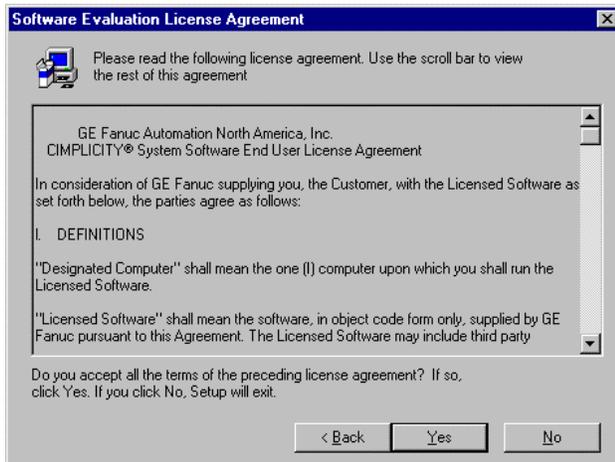
2. Click Install CIMPLICITY HMI.

3. Review the Welcome Screen



3. Click **Next**.

4. Review the license agreement in the Software Evaluation License Agreement screen.

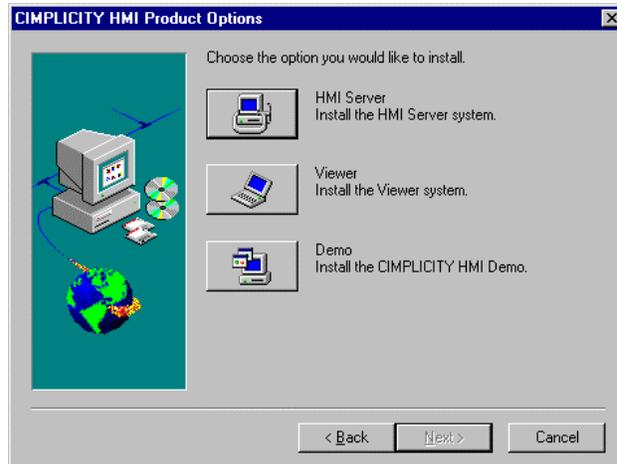


6. Click **Yes** to agree to the licensing terms.

***Result: CIMPLICITY HMI installation looks to see if a registered version of CIMPLICITY HMI exists on your server. If your CIMPLICITY HMI installation is a first time or upgrade installation.***

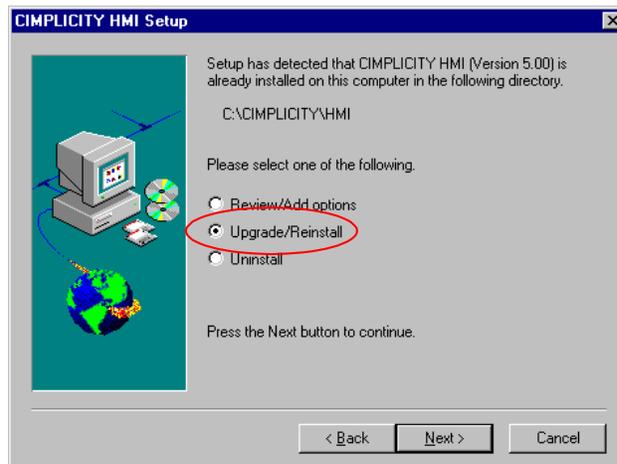
- **First time installation,**

*A CIMPPLICITY HMI Product Options screen appears.*



- **Upgrade installation,**

*A CIMPPLICITY HMI Setup screen appears with Upgrade\Reinstall checked.*



Click **Next**.

*A CIMPPLICITY HMI Product Options screen appears.*



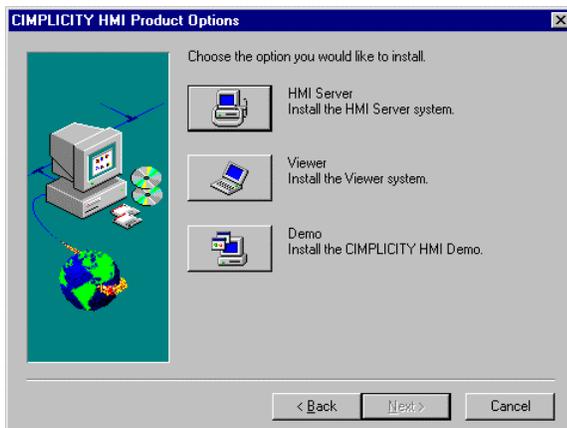
**Note:** The following dialog boxes appear if you check Review/Add options. *See page 2-8.*

<u>When Installing</u>	<u>Dialog that Appears</u>
HMI Server	HMI Server Options dialog box
Development Viewer	Development Viewer Options dialog box
Runtime Viewer	Viewer Options dialog box

## Step 2. Choose CIMPLICITY HMI Server, Viewer or Demo

You can choose a HMI Server, Viewer or Demo on the CIMPLICITY HMI Product Options screen.

You can also select to install the demo when you install the CIMPLICITY HMI Server.



Choose among:

### HMI Server

Click the **HMI Server** button to select options for the HMI Server system. *See page 2-7*

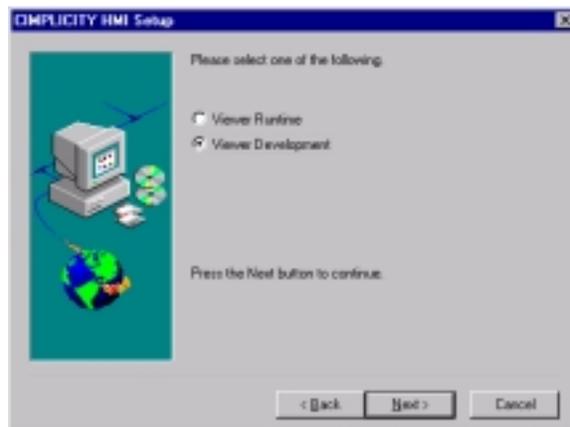
### Viewer

A. Click **Viewer**.

A CIMPLICITY HMI Setup screen appears.

B. Check either:

- Viewer Runtime, or
- Viewer Development.



C. Click **Next**.

The Choose Destination Location screen appears. See "For the HMI Server, Viewer and Demo" in this step to continue.

*Demo*

Click the **Demo** button to select the demo only. (*Continue next*).

*For the Server, Viewer and Demo:*

Choose the CIMPLICITY HMI Destination.



When Installing

HMI Server  
Development Viewer  
  
Runtime Viewer  
Demo

Dialog that Appears

HMI Server Options dialog box  
Development Viewer Options dialog box  
  
Viewer Options dialog box  
Choose Program Group (Step 4)

***Result:*** Go to the next step to select the features and options you want to install for the server or viewer. Go to Step 4 (page 2-10) to continue installing the demo.

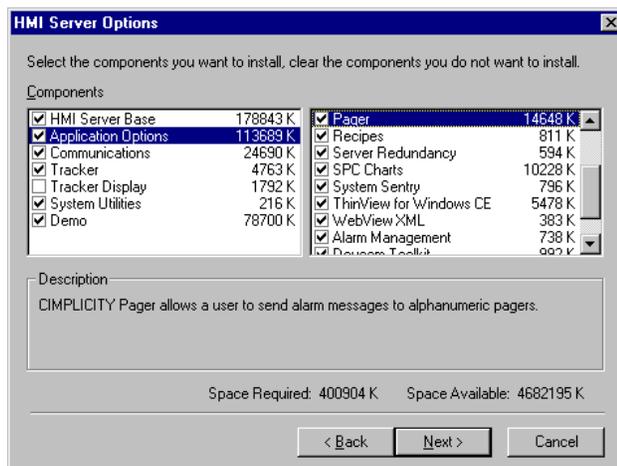
### Step 3. Choose HMI Server or Viewer Options

The options available to you depend on whether you are installing:

- HMI Server
- Development Viewer, or
- Runtime Viewer.

#### HMI Server or Development Viewer Options

Choose the server or development viewer options you want to install in the HMI Server (or Development Viewer) Options dialog box.



#### Guidelines for selecting options

- Check a component's check box in the left column to select all of the options (in the right column) for the checked component. You can uncheck any options you do not want to install.
- Select the component (without checking it) to display, but not select options in the right column. You can check any options you want to install.



#### To choose HMI server or development viewer options:

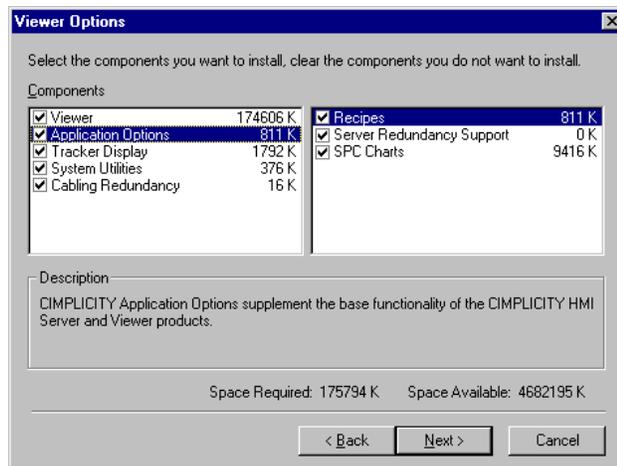
1. Select Application Options in the Components box.
2. Check or uncheck the options you want to be installed or not to be installed.
3. Select Communications, which is automatically checked, in the Components box.
4. Check or uncheck the options you want to be installed or not to be installed.
5. Select System Utilities, which is automatically checked, in the Components box.

6. Uncheck the options you do not want installed.
7. (Recommendation) Leave **Demo** checked in the left column to help you learn about CIMPLICITY HMI and/or its new features.
6. Check **Tracker** and **Tracker Display** (and right column features) if those options, for which you will need a license, are available with your CIMPLICITY HMI product.
7. Click **Next**.

*Result: The Choose Program Group dialog box appears.*

### **CIMPLICITY HMI Runtime Viewer Options**

Choose the runtime viewer options you want to install in the Runtime Viewer Options dialog box.



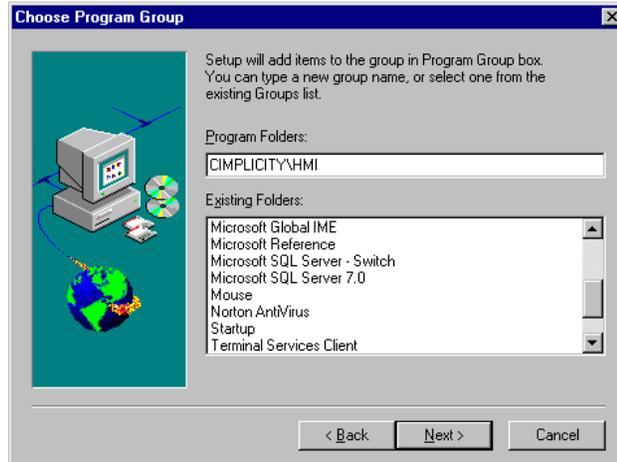
#### **To choose CIMPLICITY HMI runtime viewer options:**

1. Check the components you want in the Components box.
2. Check any options you want that are available with a selected component.
3. Click **Next**.

*Result: The Choose Program Group dialog box appears.*

#### **Step 4. Install CIMPLICITY HMI**

A default Program folder displays in the Program Folders field in the Choose Program Group dialog box.

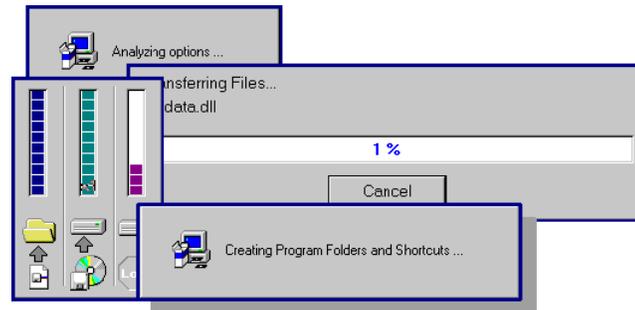


1. Select a program folder for CIMPLICITY HMI.
2. Click **Next** when the name you want appears in the Program Folders field.

#### **Result: Installation begins.**

A series of messages appear to inform you of the CIMPLICITY HMI installation progress.

Messages include:



**Result: When installation is complete a Registration screen appears.**

## Step 5. Complete CIMPLICITY HMI Installation

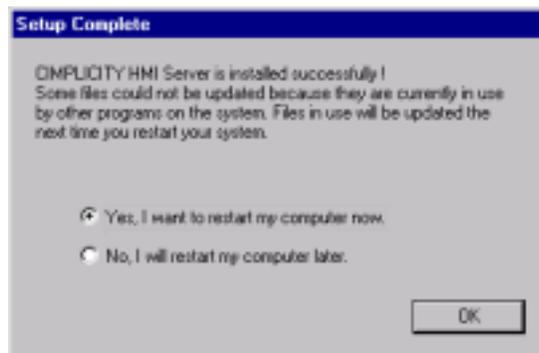
At this point, you are given an opportunity to register your CIMPLICITY HMI software.

After you install your software, you have a four days grace period to register it. During this grace period, you will have full access to the base system and all communication enablers and options you installed. If you have not licensed your software by the end of the grace period, your system becomes unlicensed and you have restricted functionality. See "CIMPLICITY HMI with no License" section in the "Registering CIMPLICITY HMI" chapter in this manual.



1. In the Registration window either:
  - A. Click **Yes** to register during installation. See the "Registering CIMPLICITY HMI" chapter in this manual for details about registering CIMPLICITY HMI.
  - B. Click **No** to register later.

When you have completed registration or if you click **No**, a Setup Complete dialog box appears.



3. Either:
  - A. Check Yes, I want to restart my computer now to make CIMPPLICITY HMI immediately available for use, or
  - B. Check No, I will restart my computer later.
4. Click **OK**.

***Result: Setup is complete.***

***If you installed the HMI Server or Viewer, you can begin to take full advantage of CIMPPLICITY HMI as soon as the computer reboots and you have registered with GE Fanuc Automation.***



***If you installed the Demo a **Start Demo icon** Start Demo appears on your desktop after you reboot.***

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## CIMPLICITY HMI New Option Installation

You can quickly add new options to your CIMPLICITY HMI installation.



### To add a new product option to your installation:

1. Click **isetup.exe** on the CIMPLICITY HMI distribution CD-ROM.
2. Select Install CIMPLICITY HMI.
3. Proceed to the CIMPLICITY HMI Setup dialog box.
4. Click Review/Add Options.

The Options dialog box appears for your specific installation.

5. Select the options you want to add to your installation.
6. Reboot your computer when the installation is completed.
7. Remember to register your new options.



**Note:** The procedure to install a new option is different if you have a service pack installed. See the "System Administrative Issues" appendix in the *CIMPLICITY HMI Plant Edition Base System User's Manual*, GFK-1180, for details.



# Registering CIMPLICITY HMI

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## About CIMPLICITY HMI Software Registration

If you purchased a licensed CIMPLICITY HMI system, you will need to register your software in order to access its full functionality.



**Note:** If you do *not* register your software, or you are running a Demo system, *see page 3-22 for details.*

*If you want to transfer licenses, see "CIMPLICITY HMI License Transfer" in the "CIMPLICITY Administrative Issues" appendix of the Base System User's Manual (GFK-1180).*

This chapter provides procedures for:

- First time registration. *See page 3-8.*
- Registering new options and upgrades. *See page 3-11.*
- Using an unlicensed version and the accompanying restrictions. *See page 3-22.*



**Important:** Once you register CIMPLICITY HMI, the registration files, **\*.key**, **\*.rst**, **\*.41s** and **\*.ent**, must stay in the same place on the hard disk. If you use a utility (e.g. defragmentation) that changes the location of these files, you will lose your registration. Consult the utility documentation for possible ways to protect these files.

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## CIMPLICITY HMI First Time Registration

You will supply GE Fanuc Automation with a generated system key code when you register CIMPLICITY HMI.

You can easily:

- Prepare for registration to obtain the generated system key code (*next*).
- Complete first time registration. *See page 3-8.*

### Preparing for CIMPLICITY HMI Registration

The tasks to prepare for CIMPLICITY HMI registration include:

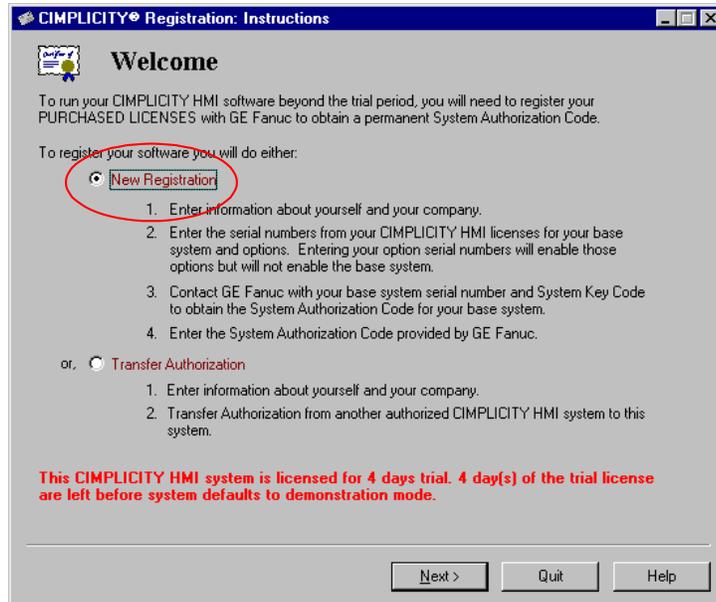
- Step 1.** Open CIMPLICITY HMI Registration: instructions.
- Step 2.** Agree to the CIMPLICITY HMI Licensing terms.
- Step 3.** Enter user information.
- Step 4.** Enter your Base System serial number.
- Step 5.** View a Generated system key code.

### Step 1. Open CIMPLICITY HMI Registration: Instructions

1. Select CIMPLICITY>HMI on the Windows Start menu.
2. Select Registration.



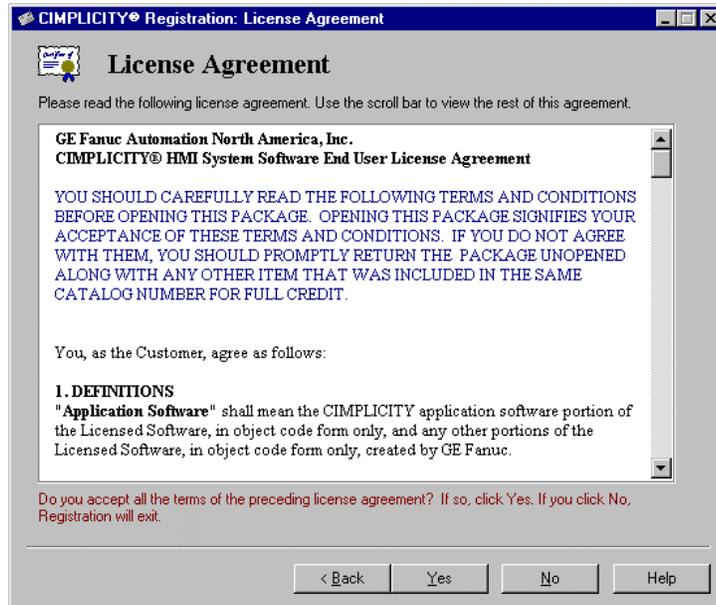
The CIMPLICITY® Registration Instructions screen opens.



3. Click New Registration.
4. Click **Next** to continue with registration.

**Result: The Registration License Agreement screen appears.**

## Step 2. Agree to the CIMPLICITY HMI Licensing Terms



1. Read the license agreement in CIMPLICITY® Registration: License Agreement screen.
2. Click **Yes**.

**Result:** A CIMPLICITY® Registration: User Information dialog box opens.

### Step 3. Enter User Information

**CIMPLICITY® Registration: User Information**

**User Information**

The following information will help us better support your CIMPLICITY HMI system. Please be sure to fill in all fields below.

When you register your system via fax or phone, we will enter this information into our records enabling us to send you bulletins on new releases and services.

Name: EF Marshall

Company: Widget International

Address: 30 Key West Drive

City: Miami

State: Florida Zip code: 654799

Country: USA

Phone: 903-478-3578 Fax:

Email: en@widget.org

< Back Next > Quit Help

1. Enter company contact name, company name, address, telephone number, fax number and email address in the CIMPLICITY® Registration: User Information dialog box.

When you request your System Authorization Code you will need to furnish your GE Fanuc Automation representative with the information that you enter.

**Note:** The license is issued to a company, not to an individual.

2. Click **Next**.

**Result:** *The CIMPLICITY® Registration: Serial Numbers dialog box appears.*

#### Step 4. Enter Your Base System Serial Number

**CIMPLICITY® Registration: Serial Numbers**

**Serial Numbers**

Please enter the serial numbers from your CIMPLICITY HMI licenses, found within the license kits, for each CIMPLICITY product running on this system.

Entering a valid serial number for the options which you have purchased will authorize those options. You will need to contact GE Fanuc to obtain a System Authorization Code to enable your base system.

Base system

Serial no.: # on CIMPLICITY License Status: Licensed

Desc. Server Runtime Unlimited I/O

Options and Version upgrades

Serial No.	Status	Product
------------	--------	---------

Add

Delete

< Back Next > Quit Help

1. Enter the serial number for your base system in the **Serial no.** field in the CIMPLICITY® Registration: Serial Numbers dialog box.

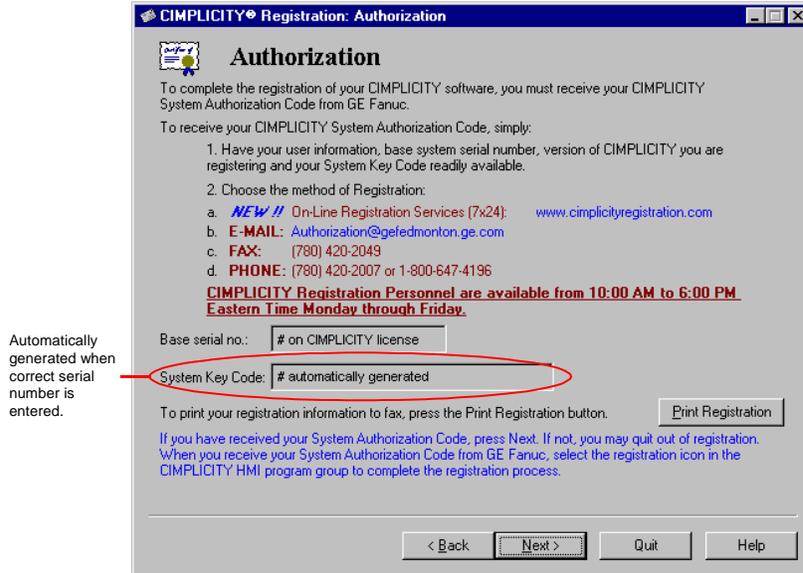
You can find the serial number in the CIMPLICITY HMI registration envelope that is included in the CIMPLICITY HMI system package.

2. Click **Next**.

**Result:** The CIMPLICITY® Registration: Authorization screen opens.

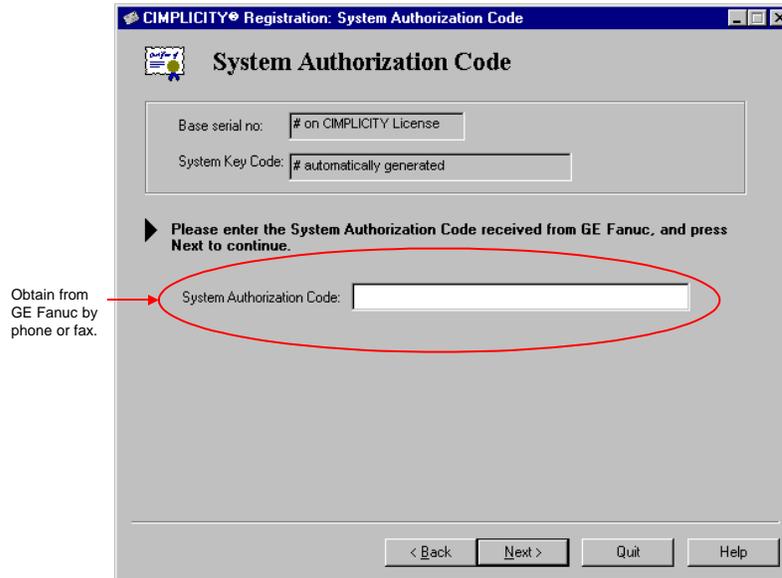
### Step 5. View a Generated System Key Code

When a correct base serial number is entered CIMPLICITY HMI registration generates a system key code that displays on the CIMPLICITY® Registration: Authorization screen. You will supply the GE Fanuc Automation representative with this code.



Click **Next**.

**Result: The CIMPLICITY® Registration System Authorization Code dialog box opens.**



**Result: CIMPLICITY HMI is ready for registration.**

## Completing First Time Registration

The last procedure in registering your CIMPLICITY HMI software is to enter the authorization code, so you can reap the full benefit of registration.

You can call and talk directly with a GE Fanuc Automation representative or you can fax or email your information.

Fax: **(780) 420-2049**

Phone: **(780) 420-2007** or

**1-800-647-4196**

Email: **Authorization@gefedmonton.ge.com**

Faxes and telephone calls are processed:

- Between 10 A.M. and 6 P.M. Eastern Standard time,
- Monday through Friday, except for regularly scheduled holidays.

Faxes and calls received after hours, on weekends, or holidays are processed as soon as possible on the following business day.

The information you provide GE Fanuc Automation is:

- User information, including name, company, street and email addresses and telephone and fax numbers.
- Serial number(s) found in the CIMPLICITY HMI Registration envelope.
- System Key Code generated during the registration procedure.
- CIMPLICITY HMI version number.

Based on the information you provide your GE Fanuc Automation representative, you will be given a System Authorization Code.



### To enter the System Authorization code:

*Note: If you have the CIMPLICITY HMI Registration application open, go to number 8 in this procedure to continue.*

1. Double-click the **Registration** icon in the CIMPLICITY HMI program group to restart the CIMPLICITY HMI registration procedure.
2. Proceed to the Registration Instructions dialog box.
3. Make sure the **New Registration** radio button is selected
4. Click **Next**.

The License Agreement dialog box opens.

5. Click **Yes**.

The CIMPLICITY® Registration: Serial Numbers dialog box opens.

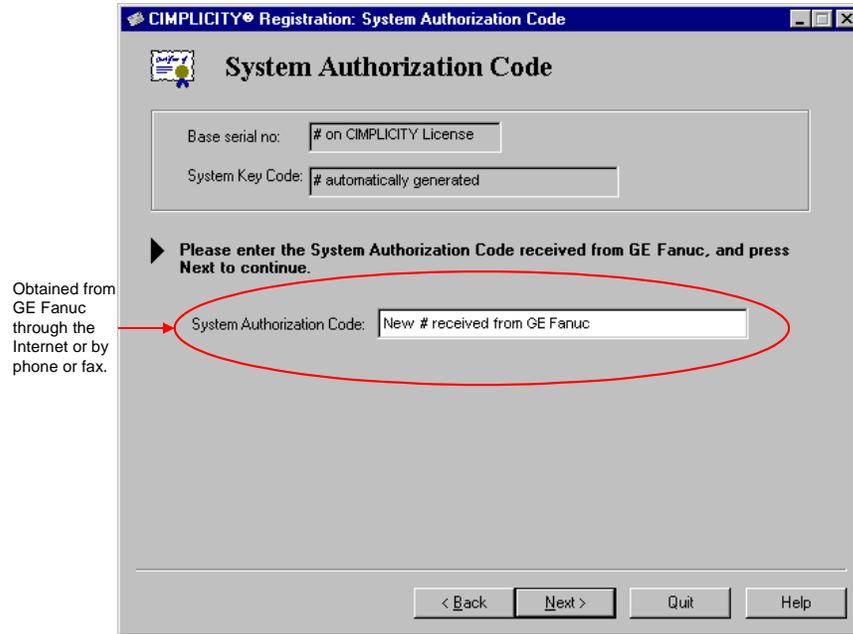
6. Click **Next**.

The CIMPLICITY® Registration: Authorization screen opens.

7. Click **Next**.

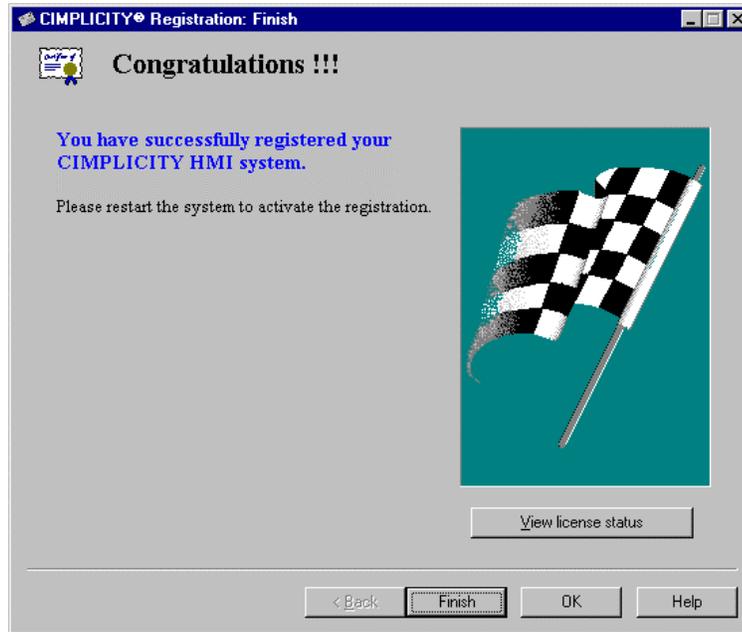
The CIMPLICITY® Registration: System Authorization Code dialog box opens.

8. Enter the Authorization Code you received from GE Fanuc.



9. Click **Next**.

The CIMPLICITY® Registration: Finish screen appears.



10. Reboot your computer.

***Congratulations. You have successfully registered your CIMPLICITY HMI software.***

You now have full access to the CIMPLICITY HMI Base System and all CIMPLICITY HMI options that you installed and registered.

---

## CIMPLICITY HMI New Option Registration

In order to unleash the full functionality of a new CIMPLICITY HMI option or upgrade, it has to be registered.

You do not need to call or fax GE Fanuc automation to register your CIMPLICITY HMI software options.



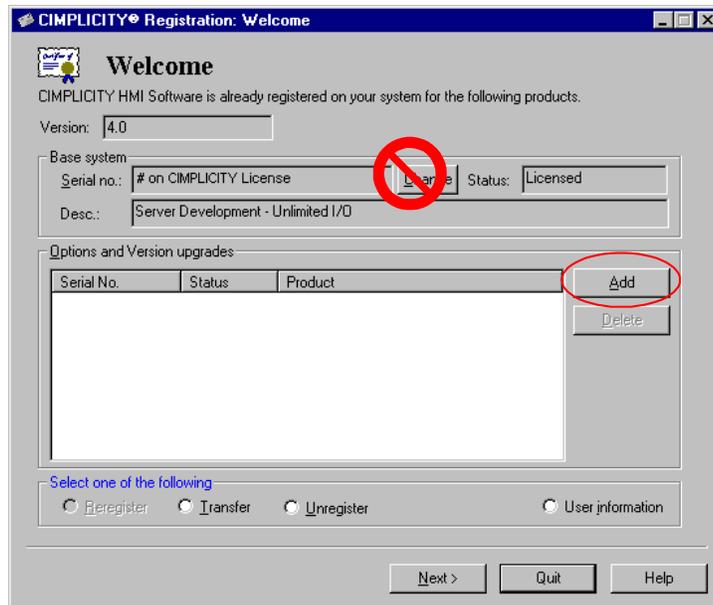
**Important:** Do not change the base serial number when you enter new options through the CIMPLICITY® Registration: Welcome dialog box.



### To register the new product option:

1. Install the product option.
2. Open the Registration program.
3. A CIMPLICITY® Registration: Welcome dialog box opens.

**Important:** Do not change the number in the Serial no. field.

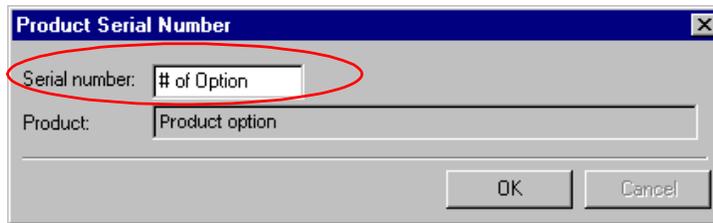


4. Click **Add**.

The Product Serial Number dialog box opens.

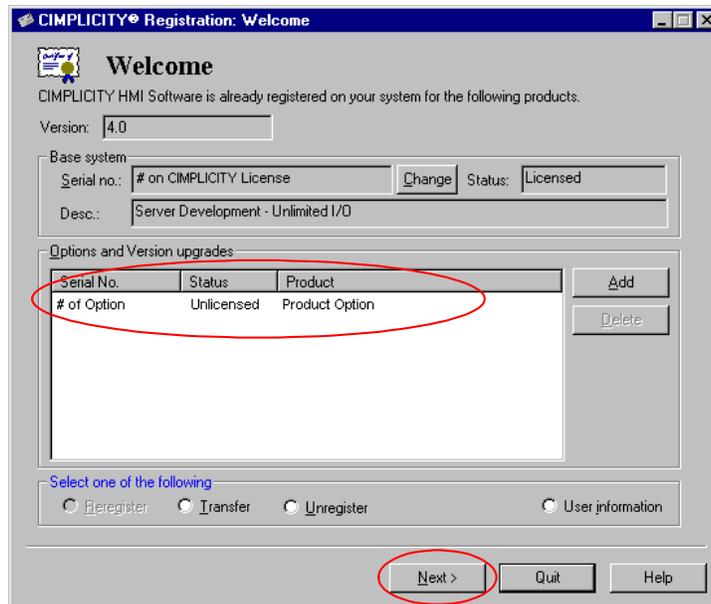
5. Enter the serial number that appears on the option's License sheet in the Serial number field.

The name of the option appears in the Product field.



6. Click **OK**.

The product option, with an unlicensed status, appears in the Options and Versions upgrades list in the CIMPLICITY® Registration: Welcome dialog box.



7. Click **Next**.

The CIMPLICITY® Registration: License Agreement screen appears.

8. Click **Next**.

The CIMPLICITY® Registration: Finish screen appears.

8. Reboot your computer.

**Result:** If you display the CIMPLICITY® Welcome dialog box after you reboot you will see that the option's status has changed to **Licensed**.

---

## CIMPLICITY HMI Upgrade Registration

There are two types of CIMPLICITY HMI upgrades - functional and version.

- A ***functional*** upgrade enables you to upgrade a CIMPLICITY HMI system to a higher device I/O count, from a runtime to a development system or from a Viewer to a Server.
- A ***version*** upgrade enables you to upgrade to the latest version of software.

The procedure you follow for registration depends on if you are upgrading from

### Registering a Functional Upgrade

CIMPLICITY HMI systems are available with a choice of device I/O counts (for example, 50, 75, 150, 300, 700 and unlimited) for both Development and Run-time systems.

You can make any of the following functional upgrades:

- From a lower to a higher point device I/O count
- From a Run-time to a Development system
- From a Viewer to a Server

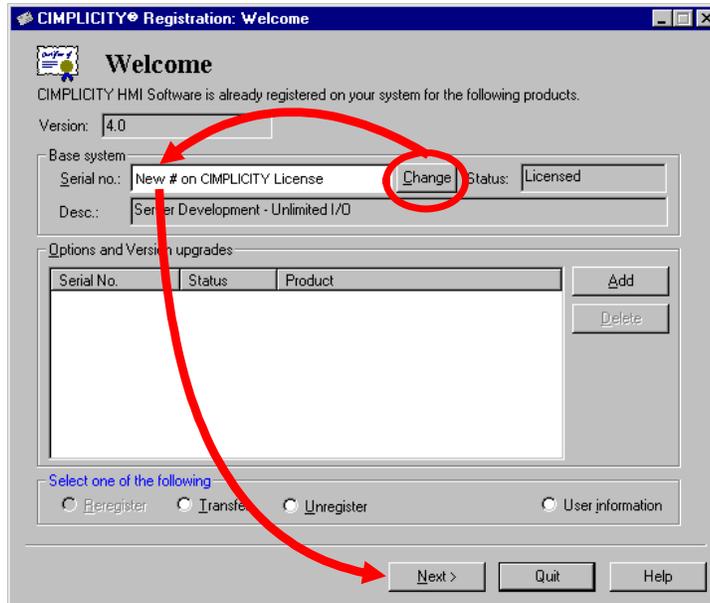
Contact your distributor for complete information about placing a functional upgrade order.



#### To register a functional upgrade:

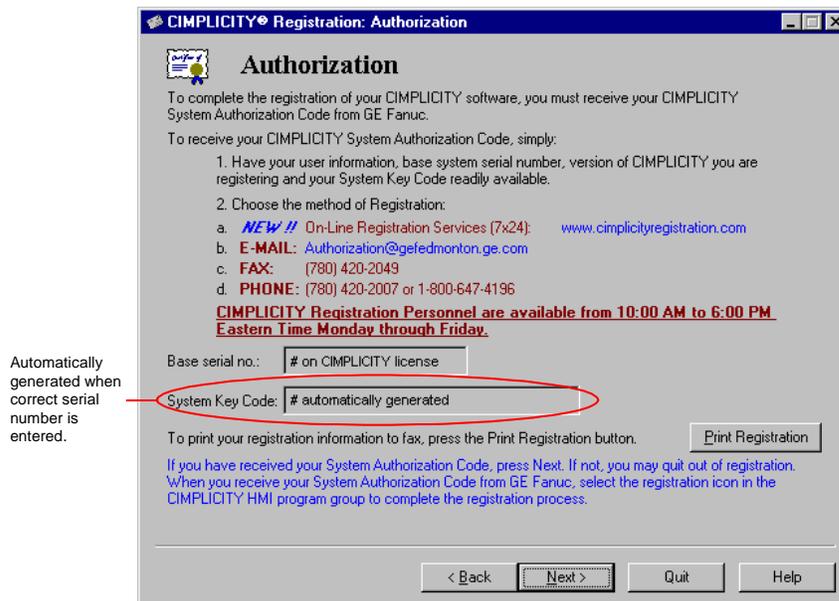
1. Open the Registration program.
2. A CIMPLICITY® Registration: Welcome dialog box opens.

3. Click **Change**.



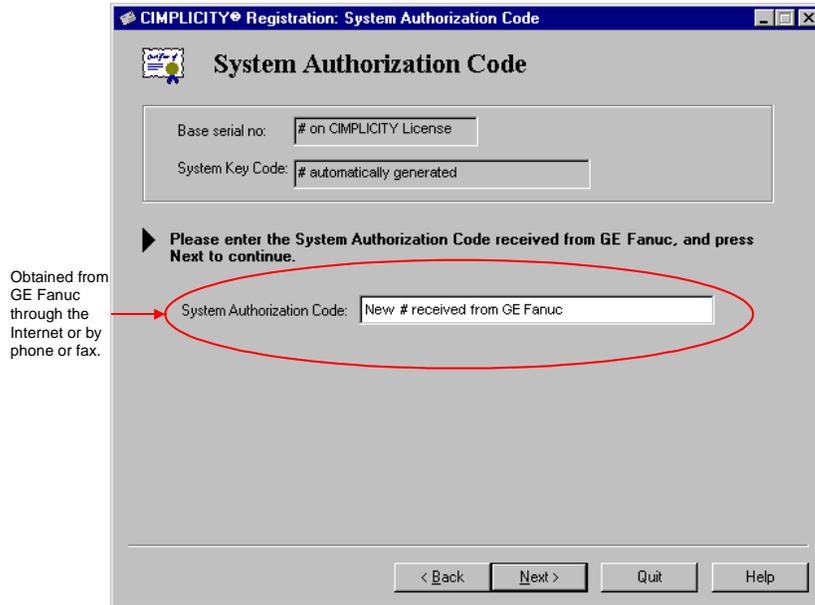
4. Enter the applicable serial number for the base system you are registering.
5. Click **Next**.

The CIMPLICITY® Registration: Authorization dialog box opens.



6. Contact GE Fanuc with the new base serial number and System Key Code to obtain a new System Authorization Code.

7. Click **Next**.
8. Enter the new System Authorization Code in the CIMPLICITY® Registration: System Authorization Code dialog box.



9. Click **Next**.  
The CIMPLICITY® Registration: License Agreement screen appears.
10. Click **Next**.  
The CIMPLICITY® Registration: Finish screen appears.
11. Reboot your computer.

**Result:** *If you display the CIMPLICITY® Registration: Welcome dialog box after you reboot you will see that the upgrade's status has changed to Licensed.*



**Note:** If you want to add additional options to the functional upgrade, you do not need to contact GE Fanuc. Simply enter a valid serial number for each option you have purchased and want to enable. *See page 3-19 for details.*

## Registering a Version Upgrade

A Version Upgrade takes an older CIMPLICITY HMI system and upgrades it to the current version. Contact your distributor for complete information about ordering a Version Upgrade.

The procedure you follow to register a version upgrade depends on whether your current version is:

- CIMPLICITY HMI V3.0 or higher or
- Less than CIMPLICITY HMI V3.0.



**Note:** If your current installation is CIMPLICITY HMI 4.01 in the 90-day warranty period, the version upgrade is provided at no charge.

If your current version is out of the 90-day warranty period, you must purchase the version upgrade.

You will receive an upgrade license (either from your distributor or directly from GE Fanuc) when you purchase an upgrade. Use the Registration program to add the new license to your current set of installed licenses.

### ***Registration for CIMPLICITY HMI V3.0 or Higher Upgrade***



**Note:** If you are upgrading from version 3.0 of CIMPLICITY HMI software, you do not need to contact GE Fanuc for a new System Authorization Code.



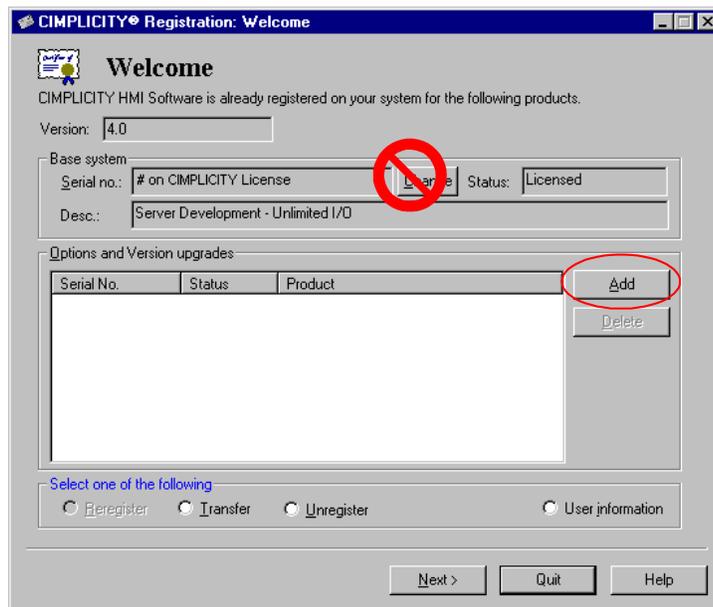
**Important:** Do not change the base serial number when you enter new options through the CIMPLICITY® Registration: Welcome dialog box.



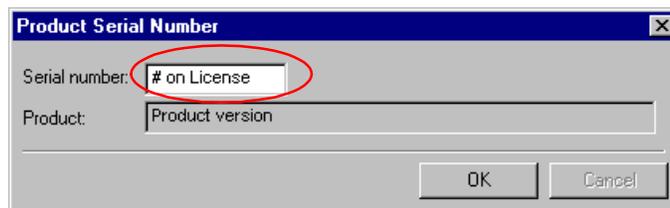
**To upgrade from CIMPLICITY HMI V3.0 or higher:**

1. Purchase the upgrade.
2. Back up your current CIMPLICITY HMI projects.
3. Install the new CIMPLICITY HMI version.
4. Open the Registration program after installation.
5. A CIMPLICITY® Registration: Welcome dialog box opens.

**Important:** Do not change the number in the Serial no. field.



6. Click **Add**.  
The Product Serial Number dialog box opens.
7. Add your upgrade serial number in the Serial number field.



8. Click **OK**.  
The new version, with an unlicensed status, appears in the Options and Versions upgrades list in the CIMPLICITY® Registration: Welcome dialog box.
9. Click **Next**.

The CIMPLICITY® Registration: License Agreement screen appears.

10. Click **Next**.

The CIMPLICITY® Registration: Finish screen appears.

11. Reboot your computer.

**Result:** *If you display the CIMPLICITY® Registration: Welcome dialog box after you reboot you will see that the version's status has changed to Licensed.*

### **Registration for Less than CIMPLICITY HMI V3.0 Upgrade**

You will receive an upgrade license (either from your distributor or directly from GE Fanuc) when you purchase an upgrade. Use the Registration program to add the new license to your current set of installed licenses.



**Important:** If you are upgrading from a version prior to v3.0, you must contact GE Fanuc for a *new* serial number and, during installation, for a System Authorization Code.

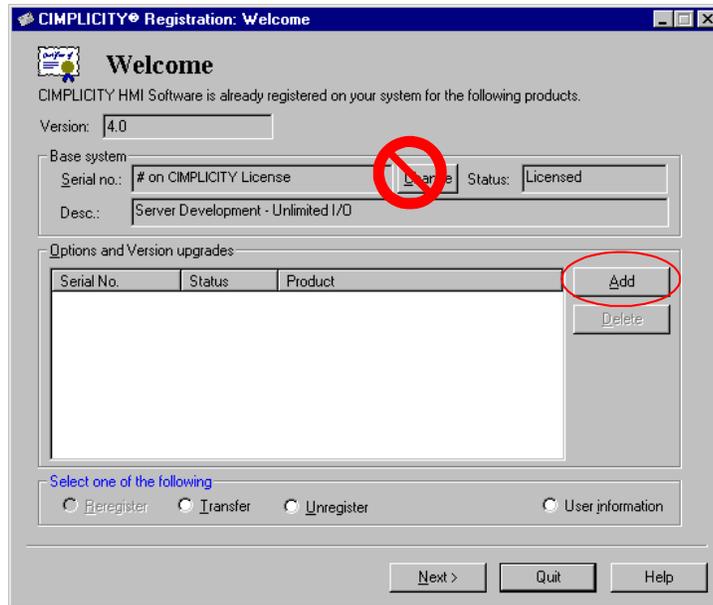


### **To upgrade from a CIMPLICITY HMI version that is lower than v3.0:**

1. Prepare for upgrade registration as follows:
  - A. Purchase the upgrade product.
  - B. Back up your current CIMPLICITY HMI projects.
  - C. Contact GE Fanuc for a new product serial number.
  - D. Install the new CIMPLICITY HMI version.
  - E. Open the Registration program after the installation.

2. A CIMPLICITY® Registration: Welcome dialog box opens.

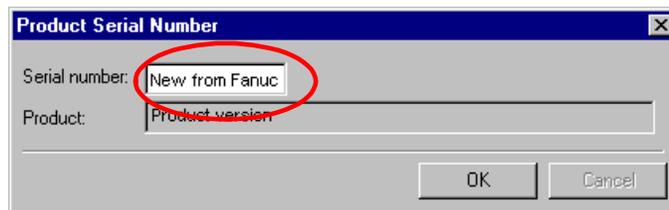
**Important:** Do not change the number in the Serial no. field.



3. Click **Add**.

The Product Serial Number dialog box opens.

4. Add the new serial number in the Serial number field.

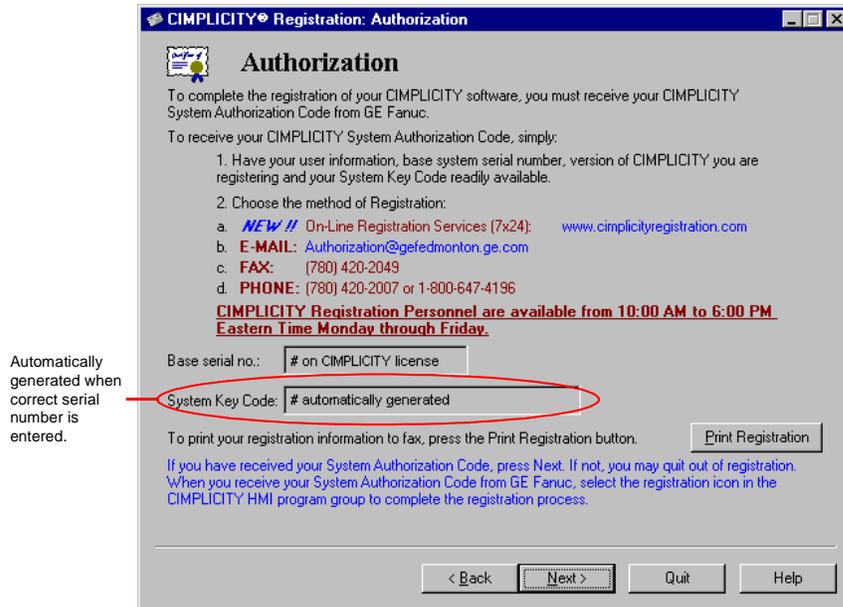


5. Click **OK**.

The new version, with an unlicensed status, appears in the Options and Versions upgrades list in the CIMPLICITY® Registration: Welcome dialog box.

6. Click **Next**.

The CIMPLICITY® Registration: Authorization dialog box opens.



- Serial number for your original license
- Serial number for your upgrade license
- Serial numbers for any other CIMPLICITY HMI product options in use on the system you are upgrading
- New System Key Code generated by Registration

8. Click **Next**.

The CIMPLICITY® Registration: System Authorization Code dialog box appears.

9. Enter the new System Authorization Code in the CIMPLICITY® Registration: System Authorization Code dialog box.

Obtained from GE Fanuc through the Internet or by phone or fax.

10. Click **Next**.

The CIMPLICITY® Registration: License Agreement screen appears.

11. Click **Next**.

The CIMPLICITY® Registration: Finish screen appears.

12. Reboot your computer.

**Result:** If you display the CIMPLICITY® Registration: Welcome dialog box after you reboot you will see that the version's status has changed to Licensed.



**Note:** If you want to add additional options to the functional upgrade, you do not need to contact GE Fanuc. Simply enter a valid serial number for each option you have purchased and want to enable. See page 3-19 for details.

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## CIMPLICITY HMI with No License

You can run CIMPLICITY HMI software without a license in order to demonstrate or test CIMPLICITY HMI software.

You will be able to:

- Run the CIMPLICITY HMI Demo project or any other existing project for two (2) hours.
- Create and view screens using CimEdit and CimView.

The following runtime restrictions also apply:

- You cannot create, modify, copy or delete points in any project.
- On an unlicensed Server or Viewer node, you cannot communicate with CIMPLICITY HMI applications on other computers.
- An unlicensed device communications enabler (devcom) will run for only two hours regardless of whether the base system has been licensed or not.

# Running the CIMPLICITY HMI Demonstration Project

---

## About CIMPLICITY HMI Demos

CIMPLICITY HMI includes a demonstration project that showcases the features of CIMPLICITY HMI software.

You can use the demonstration project in two important capacities:

1. Run a demonstration overview about CIMPLICITY HMI and its applications (*next*).
2. Use the demonstration project to open the CIMPLICITY HMI Workbench, which is at the center of a project's configuration. The demonstration project provides you with a useful reference when you are in the Workbench and learning about CIMPLICITY HMI's many features. *See page 4-9.*

This chapter describes how to use the CIMPLICITY HMI demonstration project in the two capacities listed above.

---

## CIMPLICITY HMI Demonstration

Take some time to run the CIMPLICITY HMI demonstration. If you are a new CIMPLICITY HMI user, the demonstration will provide you with a valuable perspective of how CIMPLICITY HMI fits into a working environment. If you are a new or experienced user you can review descriptions and examples of CIMPLICITY HMI's numerous features and options.

This demonstration, which is divided into Setup, Plant Simulation, About CIMPLICITY HMI and Applied sections enables you to explore CIMPLICITY HMI's potential from several different perspectives.

The demonstration was constructed in and through CimEdit, CIMPLICITY HMI's interface editor. You view it in CimView, the CIMPLICITY HMI's runtime interface.

This section describes:

- How to start the CIMPLICITY HMI demonstration (*next*).
- Demo Section 1. Demo (audio) Setup. *See page 4-4.*
- Demo Section 2. Plant simulation. *See page 4-5.*
- Demo Section 3. About CIMPLICITY HMI. *See page 4-6.*
- Demo Section 4. CIMPLICITY HMI applied. *See page 4-7.*
- How to adjust the screen and window size. *See page 4-8*

## Starting the CIMPLICITY HMI Demonstration

If you installed the:

- CIMPLICITY HMI Server or Viewer you start the Demonstration from the Windows Start menu.
- CIMPLICITY HMI Demo, you double-click the **Demo** shortcut



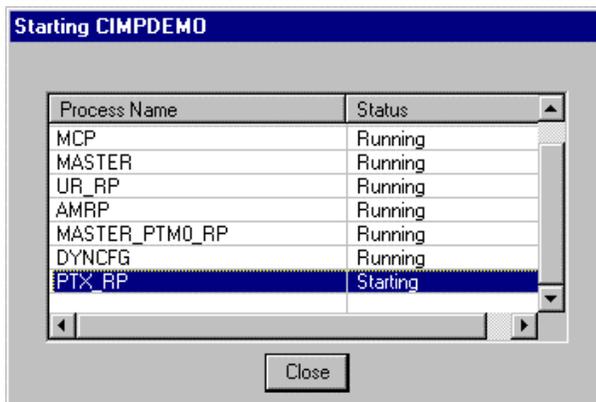
icon Start Demo on the Windows desktop.



To start the CIMPLICITY HMI demonstration on a Server or Viewer:

1. Select CIMPLICITY>HMI>Start Demo on the Windows Start menu.

The Starting CIMPDEMO dialog box appears.



2. Click **Close** when the dialog box stops scrolling.

*Result: The main screen for the demonstration appears.*

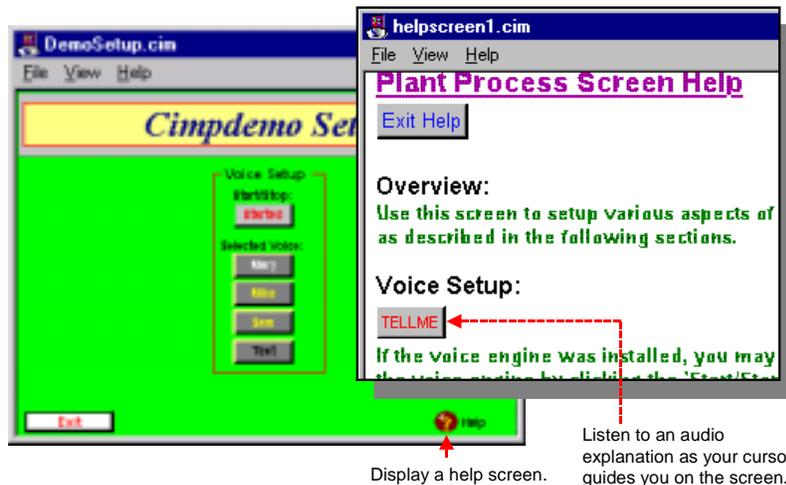


## Demo Section 1. Demo (Audio) Setup

**Demo Setup** on the CIMPLICITY HMI demonstration main screen enables you to select the voice you prefer to speak to you about CIMPLICITY HMI and its numerous features and capabilities.



1. Click  to read an explanation of how to start and select a voice.



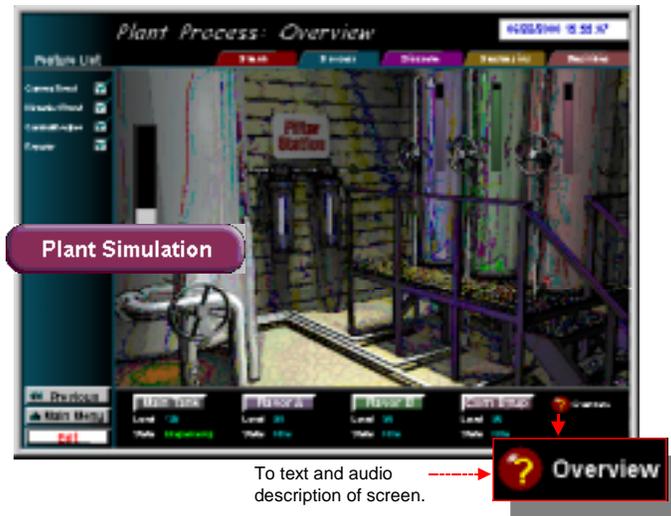
2. Click  to listen to an explanation of how to use the Demo Setup screen.  
The cursor automatically points to the area that is being described.

## Demo Section 2. Plant Simulation

**Plant Simulation** provides you with an extraordinary array of configuration possibilities. What makes this section particularly valuable is that the possibilities are in an example application, thereby giving you a practical context for exploring ideas and solutions, not just for an introduction but anytime you need inspiration when designing your own systems.



**Note:** This section is best viewed with the screen set to at least 65636 colors.



Click  to open a text description of the screen.

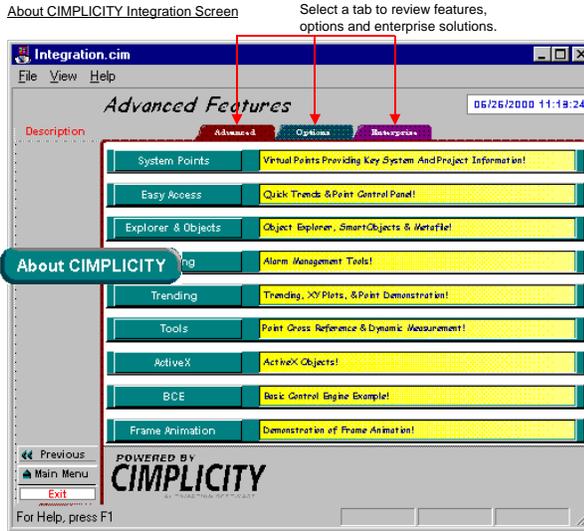
The **Audio** button, , is on the text screen.



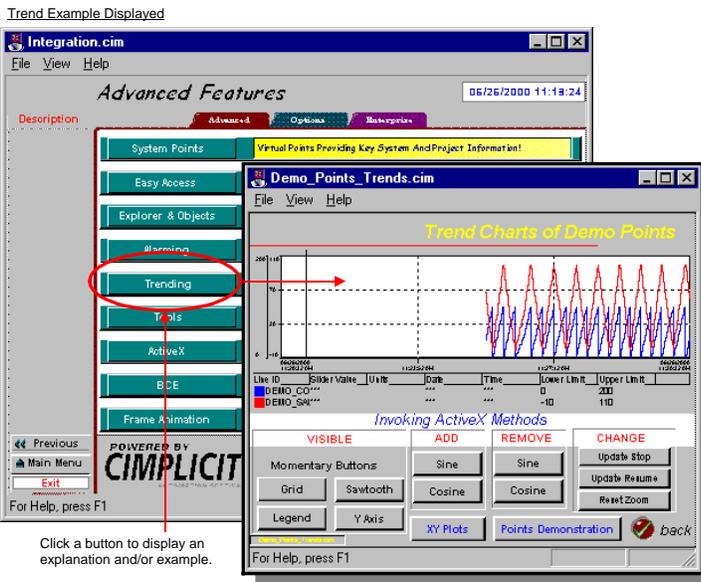
**Note:** If a sound card and driver are not installed on the computer, the CIMPLICITY HMI Demo displays an error message when you click TELLME.

### Demo Section 3. About CIMPLICITY HMI

About CIMPLICITY HMI provides you with descriptions and examples of CIMPLICITY HMI features, options and Enterprise solutions in a list format. In addition, the formats and tools incorporated in each description provide you with more exciting possibilities of what you can do using CIMPLICITY HMI.



**Tip:** Click any button in one of the three lists to see a more detailed description and/or an example of the selection.

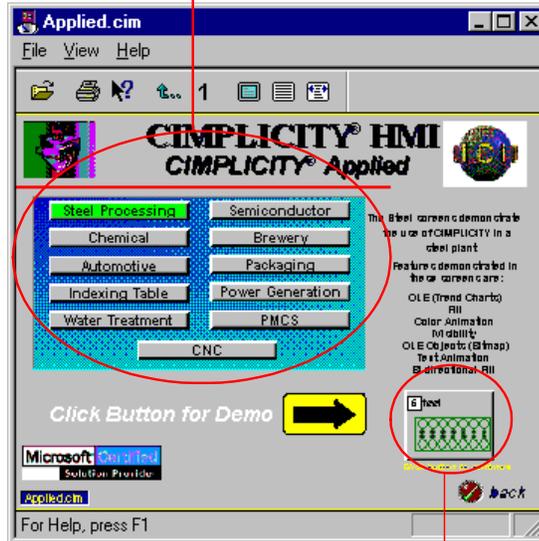


## Demo Section 4. CIMPLICITY HMI Applied

**CIMPLICITY HMI Applied** provides you with example CimView screens for several different applications.

### Demonstration Applied Screen

1. Select a topic.



2. Click for a demonstration of the selected topic.



To view an application example in the Demonstration Applied screen:

1. Select the topic.  
The graphic on the **Demo** button changes to reflect your selection.
2. Click the **Demo** button.  
A CimView screen that displays the application opens.

## Adjusting the Screen and Window Size

You can easily adjust any CimView screen's size at any time during the demonstration. You can then fit the window to the new screen size. It is recommended that you adjust the screen to the best fit.

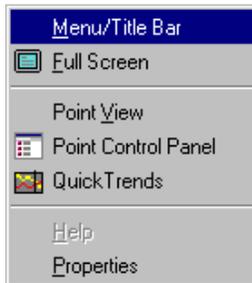


### To adjust a screen's size to best fit:

1. (If the screen's menu is not displaying) right-click on the screen.

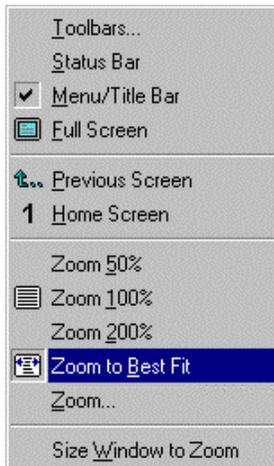
The screen's popup menu displays.

2. Select Menu/Title Bar.



A menu displays at the top of the screen.

3. Click View on the screen's menu bar.
4. Select Zoom to Best Fit.



---

## Demonstration Project in the CIMPLICITY HMI Workbench

Because the demonstration project that contains the configuration for the CIMPLICITY HMI demonstration is a CIMPLICITY HMI project, it can be opened, like any other project, in the Workbench.

As a result, when you open the Workbench and begin configuring your own projects, you have a valuable reference tool.



**Note:** If you ran the demonstration, the project will be running when you open the Workbench.

This section describes how to:

- Display the demonstration project in the CIMPLICITY HMI Workbench
- Start and stop a project

### Displaying the CIMPLICITY HMI Demonstration Project in the Workbench

You display the CIMPLICITY HMI demonstration project in the Workbench. You can learn more about CIMPLICITY HMI configuration when you are in the Workbench, because all of the documentation is available through the Workbench.



**Note:** Documentation is also available through the Windows Start menu.

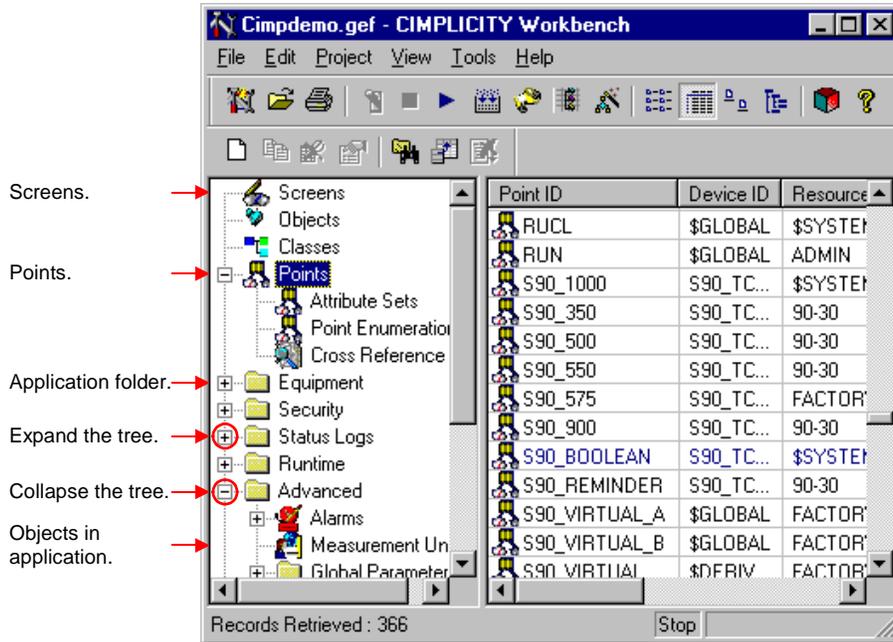


**To display the CIMPLICITY HMI demo project:**

1. Select CIMPLICITY HMI on the Windows Start menu.
2. Select HMI.
3. Select Demo Project



The CIMPLICITY HMI Workbench opens with the demonstration project loaded.



Pane for CIMPLICITY applications.

Pane for files or records associated with a selected application.

The Workbench provides you with an elegantly simple format through which you can access all the tools for your project's configuration.

- Across the top are the menu and toolbars.
- The left pane displays all of the applications you need, either alone or in folders that contain related applications.
- The right pane displays files or records associated with a selected application.

## Starting and Stopping a CIMPLICITY HMI Project

When you open the Workbench using the demonstration project, if you:

- Did not run the Demonstration, the project will be loaded in the Workbench, but will not be running.
- Ran the Demonstration, the project will be loaded in the Workbench and will be running. Stop the project before you exit the Workbench.

This section describes how to start and stop a project.

### ***Techniques to Start a CIMPLICITY HMI Project***

CIMPLICITY HMI provides several methods, from which you can choose what is most convenient for you, to carry out a task. Therefore, you can start a project using the Workbench toolbar, menu item or the keyboard.



#### **To start an open CIMPLICITY HMI demonstration project in the Workbench:**

##### *Method 1—Use the toolbar*

Click the **Run** button  on the Workbench toolbar.

##### *Method 2—Use a menu item*

1. Click Project on the Workbench menu bar.
2. Select Run.

##### *Method 3—Use the keyboard*

Press **Ctrl+R** on the keyboard.

##### *Method 4—Use the keyboard*

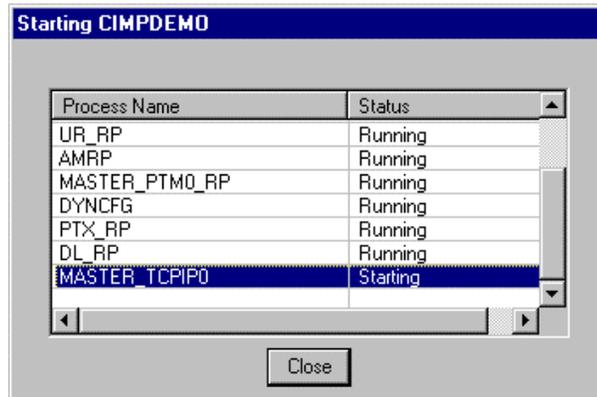
1. Press **Alt+P** on the keyboard.
2. Press **R**.

A CIMPLICITY HMI Configuration dialog box opens asking you if it is ok to run the project, when you use any method.

*Continue after using any method*

1. Click **OK**.

The Starting CIMPDEMO dialog box opens and scrolls the names of the processes as they are opened.



2. Click **Close** when the scrolling stops.

The demonstration project is running.

### ***Techniques to Stop a CIMPLICITY HMI Project***

A CIMPLICITY HMI project will continue to run after the Workbench is closed. There are several methods to make it stop, if you want it to.



#### **To stop a running CIMPLICITY HMI demonstration project in the Workbench:**

*Method 1—Use the toolbar*

Click the **Stop** button  on the Workbench toolbar.

*Method 2—Use a menu item*

1. Click Project on the Workbench menu bar.
2. Select Stop.

*Method 3—Use the keyboard*

1. Press **Alt+P** on the keyboard.
2. Press **S**.

A CIMPLICITY HMI Configuration dialog box opens asking you if it is ok to stop the project, when you use any method.

*Continue after using any method*

Click **OK**.

The demonstration project stops running.

# Using CIMPLICITY HMI Help

## About CIMPLICITY HMI Help

CIMPLICITY HMI offers you several options to get help. You can:

- Use a Help Table of Contents to review all online help topics (*next*).
- Display help that is specific to an open application. *See page 5-3.*
- Install and use the CIMPLICITY HMI Book Reader to read and print help in a book format. *See page 5-4.*
- Purchase any or all printed copies of the manuals from GE Fanuc Automation. *See page 5-14.*



**Note:** When you use the Book Reader, you can read the printed manuals in electronic format.

CIMPLICITY Workbench Help

The screenshot shows the CIMPLICITY Workbench interface with several help-related elements highlighted by red circles and arrows:

- Online Help TOC:** A red circle highlights the 'Contents' option in the 'About Workbench...' menu.
- Book Reader:** A red circle highlights the 'Book Reader' option in the 'About Workbench...' menu.
- Workbench Help:** A red circle highlights the question mark icon in the toolbar.
- Port Properties - MASTER\_TCPIPI:** A red circle highlights the 'Help' button in the bottom right corner of the dialog box.

A red dashed arrow points from the 'Help' button in the Port Properties dialog to the 'Help' button in the Port Properties dialog. A red arrow points from the 'Help' button in the Port Properties dialog to the text 'Help for each application.' below the dialog.

Device ID	Resou
\$GLOBAL	CHEM
\$GLOBAL	\$SYS
\$GLOBAL	\$SYS
\$GLOBAL	ROBO
\$GLOBAL	ROBO
\$GLOBAL	\$SYS
\$GLOBAL	ADMIN
S90_TCP1	\$SYS
S90_TCP1	90-30
S90_TCP1	90-30
S90_TCP1	90-30

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## Table of Contents for Online Help

There are several methods for opening the CIMPLICITY HMI Table of Contents; these methods provide you with access to all online Help Files.



### To open the CIMPLICITY HMI Table of Contents:

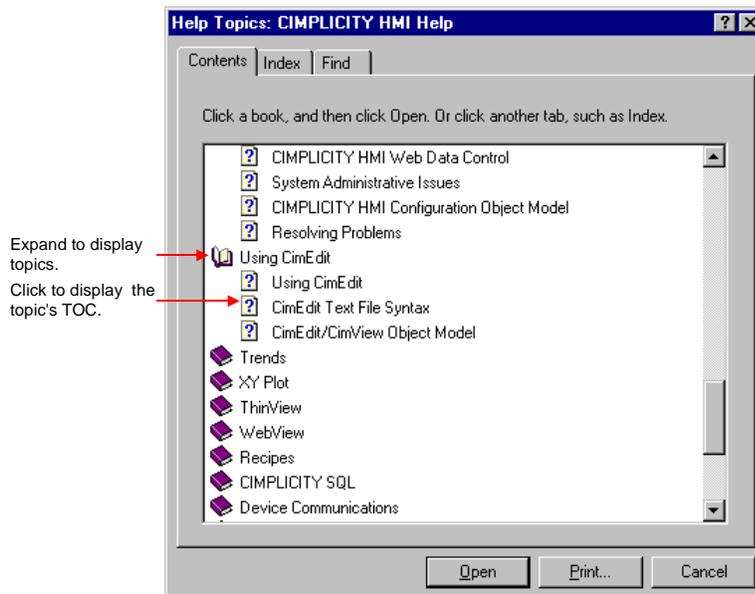
#### Method 1

1. Select **CIMPLICITY** on the Windows Start menu.
2. Select HMI>CIMPLICITY Help.

#### Method 2

1. Click Help on the Workbench menu bar.
2. Select Contents.

**Result:** A Help Topics dialog box that lists the help files for all installed CIMPLICITY HMI applications opens.



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## Help Specific to an Application

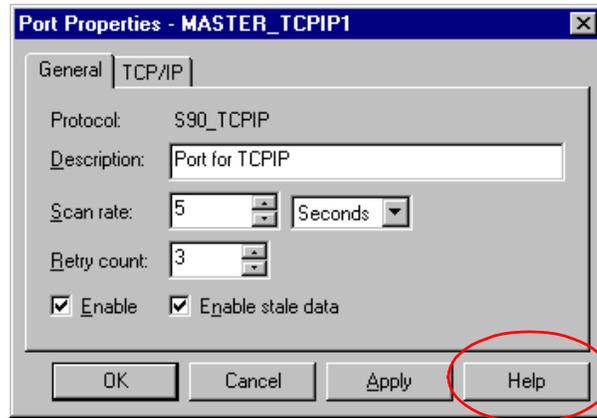
You can easily view help that is specific to any open dialog box or window.



**To view specific help in an open dialog box or window:**

Click the **Help** button or press **F1** on the keyboard.

Help Specific to an Application



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## The Book Reader

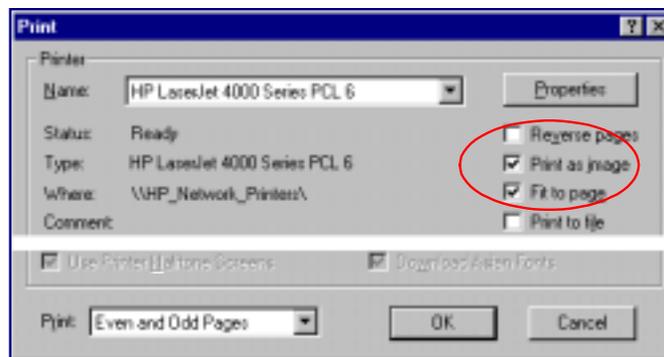
provides an electronic book reader based on Adobe® Acrobat®. The Book Reader enables you to easily search, view, and print out any of the CIMPLICITY HMI documentation.

The complete CIMPLICITY HMI library of documentation is stored on the product CD. All documents have been electronically indexed, which allows the book reader to quickly scan volumes of information and find the topics you are seeking.

The [\*Adobe Acrobat Reader Online Guide\*](#), and [\*Adobe Acrobat Search Online Guide\*](#) provide detailed documentation for using Adobe Acrobat.

**Important:** For Windows 2000 users:

If your printer does not print the **.pdf** files correctly, check **Print as image** in your printer's Setup or Print dialog box.



This problem seems to only affect certain printers in PCL mode. You may also be able to switch the printer driver to a PostScript driver as a solution.

## Installing the Book Reader

You install the Book Reader separately from the CIMPLICITY HMI CD.



### To install the electronic book reader:

1. Run the **isetup.exe** file on your CD. The CIMPLICITY HMI Setup window opens.
2. Select Install Documentation Reader from the list of options in the CIMPLICITY HMI Setup window.
3. Verify that you want to install Adobe Acrobat Reader v.4.0
4. Accept the license agreement.
5. Choose a destination location for the Adobe Acrobat Reader.
6. When setup is complete, you have to option to review the Adobe Acrobat Reader **Readme** file.

## Opening the Book Reader

There are several methods for opening the Book Reader.



### To open the Book Reader:

#### *Method 1*

1. Click CIMPLICITY on the Windows Start menu.
2. Select HMI.
3. Select CIMPLICITY Book Reader.

#### *Method 2*

1. Click Help on the Workbench menu bar.
2. Select Book Reader.

#### *Method 3*

1. Click the **Book Reader** button on the Workbench toolbar.

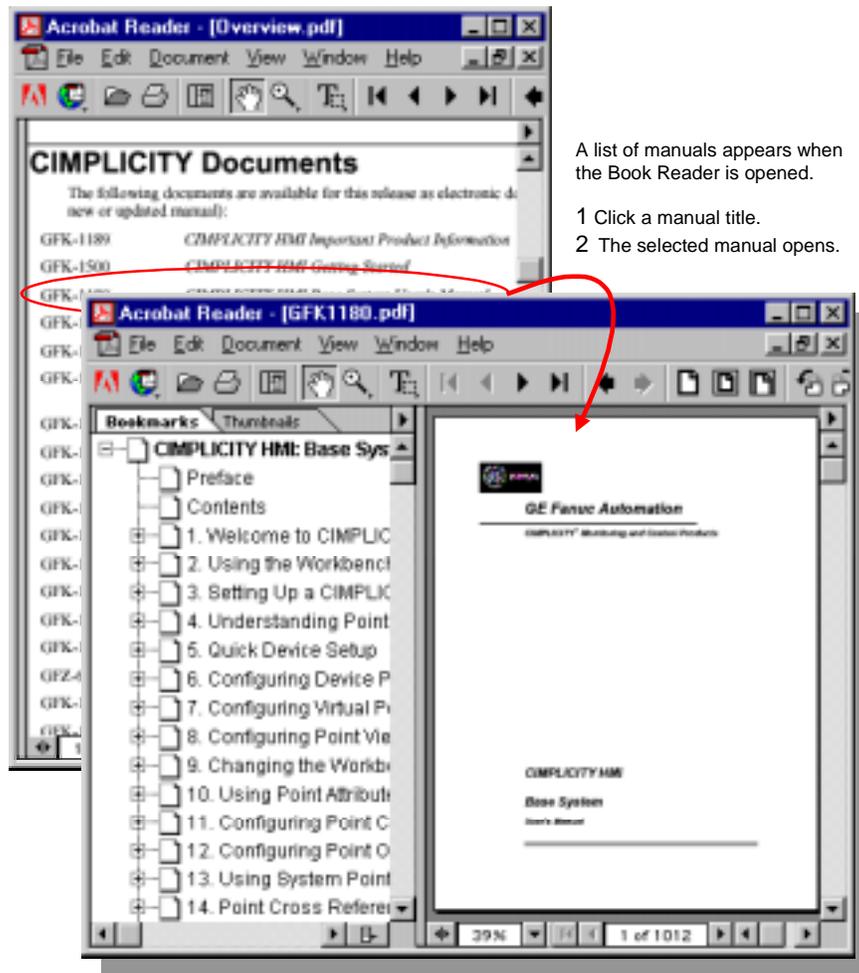


**Result:** *The Book Reader opens when you use any method.*

## Looking Over the Book Reader

When you open the CIMPLICITY Book Reader, an Overview document that lists all of the available manuals displays.

Click any manual title. The manual it represents opens.



The Acrobat Reader window is divided into two panes.

- The left pane displays the manual bookmarks or thumbnails.
- The right pane displays the current document page.



**Note:** You can press **F1** at any time to display the Adobe Acrobat Reader Online Guide. This online documentation shows you how to navigate through the on-line books and use the Find features of the Book Reader.

## Changing the Book Reader View

The Book Reader provides several options to adjust what you are viewing. Options include:

- Changing the display size.
- Changing the page display format.
- Displaying a specified page number in the displayed document.
- Displaying pages that contain specified text in the displayed document.
- Displaying pages that contain specified text in all of CIMPLIITY HMI's documentation.

### **Book Reader Page Display Size**

Any page in the Book Reader can be displayed up to 800% magnification.



#### **To change the display size of a page in the Book Reader:**

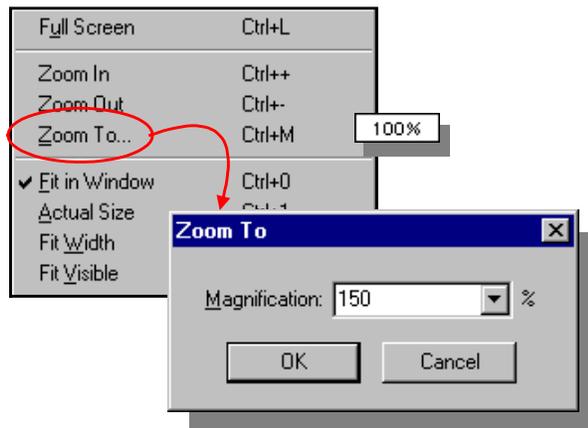
##### *Method 1*

Select Zoom In... or Zoom Out... on the View menu.

##### *Method 2*

1. Select Zoom To... on the View menu (opens the Zoom To dialog box) or the **Size** button on the bottom toolbar.
2. Specify a percent size in the Size field.

##### View Menu and Bottom Toolbar Button



**Tip:** The graphics display the best when screen resolutions are 1024x768 or higher and the document is magnified.

## ***Book Reader Page Display Format***

The pages can be viewed alone as two facing pages, similar to a book.

Either pane can be displayed or hidden.

The left pane can display either bookmarks or thumbnails of a page.



### **To change the display format:**

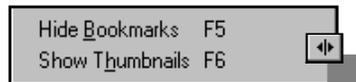
Select the desired options on the View and Window menus or click the complementary buttons on the bottom toolbar.

#### Menu and Toolbar Buttons Page Display Format

View menu page display style.



Window menu Bookmark display.



## ***Book Reader Page Selection in a Displayed Document***

Choose any of several methods to go to a specified page in the displayed Book Reader document

*Method 1—Use the Document menu or Go to page button*



### **To go to a specific page in a document:**

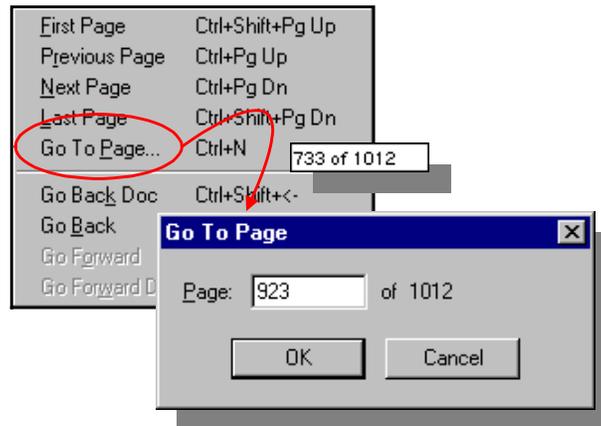
*Either*

Select a type of page from the View menu

*Or*

1. Select Go To Page on the View menu or the **Page x of x** button on the bottom toolbar.
2. Specify the number of the page to display.

Document Menu and Toolbar Button Go to Page



*Method 2—Select a bookmark in the left pane*

The bookmarks in the left pane display all of the headings that appear in the selected manual. You can go to the page for that heading by simply clicking the bookmark.



### To display a page using the left pane bookmark:

1. Move the mouse pointer over the name of the topic you want to display.

The cursor changes to a pointing hand .

2. Click the topic name.

The page containing that topic displays in the Page pane.

### *Method 3—Use Buttons or keys to page forward and backward*

You can also use the arrow buttons on the Toolbar, your keyboard keys or items on the View menu to page through a document.

<u>To go to page</u>	<u>Click</u>	<u>Press</u>
Next		Right or down arrow
Previous		Left or up arrow
First		<b>Home</b> key
Last		<b>End</b> key

The following buttons let you retrace your steps.

Go to the Previous page  
or magnification



Reverse direction and  
return, one view at a  
time, to the view where  
you first used Go Back



### ***Selected Text in an Active Document***

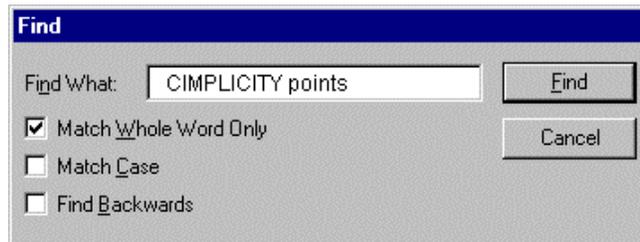
The Find tool enables you to find part of a word, a complete word or multiple words in active document (the document that is open and being displayed).



#### **To find a word in an active document:**

1. Click  on the Toolbar or select **Find** from the **Tools** menu.

The Acrobat Find dialog box opens.



2. Enter the text you want to search for in the **Find What** field.
3. Select the check boxes for the type of search you want to perform.
4. Click **Find**.

When the Book Reader locates the text the page displays and the text is highlighted.

5. Press **Ctrl+G** to re-open the dialog box and find the next occurrence of the text in the document.

### ***Selected Text in Multiple Documents***

The Search tool enables you to perform a full-text search on multiple documents.

4. Make sure the CIMPLICITY HMI Documentation index is selected.  
You should not need to select indexes to search. The online documentation currently has only one index.
5. Click **OK** to close the dialog box.
6. Either:

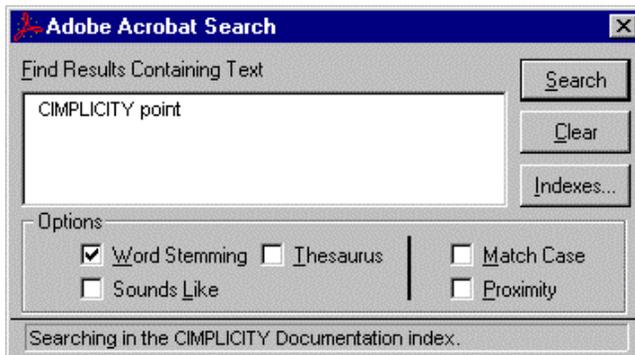
#### *Method 1*

Click  on the Toolbar

#### *Method 2*

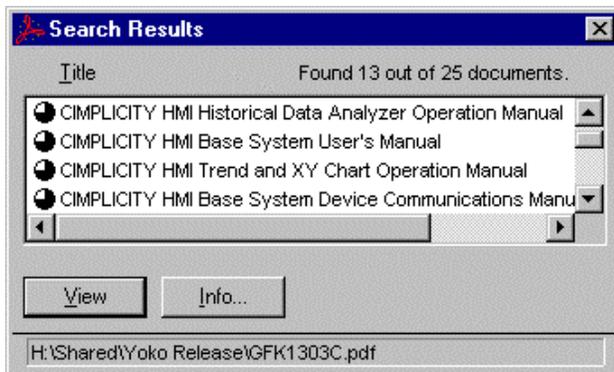
- A. Click Tools on the menu bar.
- B. Select Search.
- C. Select Query.

The Adobe Acrobat Search dialog box opens.



7. Type the text you want to find in the **Find Results Containing Text** field.
8. Click **Search**.

The Adobe Acrobat Search dialog box closes and the Search Results dialog box opens with a list of all the documents that contain the text.



9. Double-click a document in this list to open it.  
The document opens when the search finds the first match for the text you typed.
10. Choose any of the following methods to go to the next or previous matches.

*Method 1*

Use the  or  buttons

*Method 2*

- A. Select **Tools** on the menu bar.
- B. Select **Search**.
- C. Select **Next** or **Previous**.



**Tip:** If you close the Search Results dialog box, you can click the  button on the Toolbar to reopen it.

### **Expand/Limit a Text Search in Multiple Documents**

The options in the *Adobe Acrobat Search* dialog box enable you to expand or limit your search. The options are:

- |                      |   |
|----------------------|---|
| <b>Word Stemming</b> | Expands the search to find words that share a word stem with the word you type.   |
| <b>Sounds Like</b>   | Expands the search for a proper name by finding words that begin with the same letter and share phonetic features.                            |
| <b>Thesaurus</b>     | Expands the search to find words with meanings similar to that of the search word.  |
| <b>Match Case</b>    | Limits the search to find only those words that match the case of the search word.  |
| <b>Proximity</b>     | Limits the results of simple AND searches to one pair of matches per document. The matches must be within three or fewer pages of each other. |

### **Doing Boolean Searches for Text in Multiple Documents**

You can use AND, OR and NOT operators in the **Find Results Containing Text** field to perform Boolean searches for combinations of text.



### **Guidelines for using Adobe Acrobat reader, which is used by the CIMPLICITY HMI Book Reader**

- There are no jumps from the Contents or Index pages of the documentation. If you find an entry in the Contents or Index, you can use the **Find** tool to find the word in the body of the document, or to find the page number.
- If you are accessing online documentation over a network share, the **DOC** directory must be on a mapped drive (such as **x:\doc**). The index will not work with a UNC path name (such as **\\computer\share\doc**).
- If you see books listed multiple times in your search results, it means you have the index file loaded multiple times.

#### **To remove duplicate index entries:**

1. Click Tools on the menu bar.
2. Select Search>Indexes.
3. Remove any duplicate index entries.

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## Printed Documentation

Contact your GE Fanuc Automation distributor to purchase one or more printed manuals. When you order, use the product numbers for the manuals listed below.

Following is a list of CIMPLICITY HMI manuals, including manuals for options. They can be accessed in an online help version, electronically through the Book Reader, in addition to being purchased in print from GE Fanuc Automation.

---

GFK-1189R*	<i>CIMPLICITY HMI Plant Edition Important Product Information</i>
GFK-1500C*	<i>CIMPLICITY HMI Plant Edition Getting Started</i>
GFK-1180K*	<i>CIMPLICITY HMI Plant Edition Base System User's Manual</i>
GFK-1396F*	<i>CIMPLICITY HMI Plant Edition CimEdit Operation Manual</i>
GFK-1181J*	<i>CIMPLICITY HMI Plant Edition Device Communications Manual</i>
<hr/>	
GFK-1548A	<i>CIMPLICITY Action Calendar Manual</i>
GFK-1305D*	<i>CIMPLICITY HMI Plant Edition Basic Control Engine Program Editor Operation Manual</i>
GFK-1282F*	<i>CIMPLICITY Basic Control Engine Event Editor Operation Manual</i>
GFK-1283G*	<i>CIMPLICITY Basic Control Engine Language Reference Manual</i>
GFZ-62994EN/01	<i>CIMPLICITY Basic Operation Package 1 Operator's Manual</i>
GFK-1341G*	<i>CIMPLICITY for CNC Operation Manual</i>
GFK-1342H*	<i>CIMPLICITY CNC Important Product Information</i>
GFK-1379C	<i>CIMPLICITY Historical Data Analyzer Operation Manual</i>
GFK-1461B	<i>CIMPLICITY Integrator's Toolkit Application Developer Guide</i>
GFK-1405C	<i>CIMPLICITY Marquee Driver Operation Manual</i>
GFK-1675	<i>CIMPLICITY OPC Server Operation Manual</i>
GFK-1303D	<i>CIMPLICITY Recipes Operation Manual</i>
GFK-1353F*	<i>CIMPLICITY HMI Plant Edition Server Redundancy Manual</i>
GFK-1752A	<i>CIMPLICITY SQL Getting Started Guide</i>
GFK-1413E	<i>CIMPLICITY Statistical Process Control Operation Manual</i>
GFK-1632B*	<i>CIMPLICITY HMI Plant Edition System Sentry Operation Manual</i>
GFK-1692C*	<i>CIMPLICITY HMI Plant Edition ThinView Operation Manual</i>
GFK-1694B*	<i>CIMPLICITY HMI Plant Edition Tracker Getting Started Guide</i>
GFK-1216F*	<i>CIMPLICITY HMI Plant Edition Tracker Production Tracking Operation Manual</i>
GFK-1408C*	<i>CIMPLICITY HMI Plant Edition Tracker Routing Control Objects Operation Manual</i>
GFK-1260H*	<i>CIMPLICITY HMI Plant Edition Trend and XY Chart Operation Manual</i>
GFK-1668B*	<i>CIMPLICITY HMI Plant Edition Web and Terminal Services Operation Manual</i>
GFK-1993**	<i>CIMPLICITY HMI Plant Edition Alarm Viewers Operation Manual</i>
GFK-2024**	<i>CIMPLICITY HMI Plant Edition GagePort Mitutoyo OPC Server Operation Manual</i>

\* = Revised manuals; \*\* = New manuals

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