

# MG-2000

## Graphics Software





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# Introduction

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Mircom's MG-2000 Graphics Software offers instant access to real-time information about fire, security, and building alarms. It automatically displays every alarm in a single, streamlined interface that's so intuitive most people can use it without any training. The Graphics Package features simple on-screen prompts that help ensure a quick and efficient response to any emergency.

Additionally, enclosed within you will find the Activation guide. This procedure is required to be followed if you wish to activate your software. Please see *Activation Procedure on page 11* for further details.



**Note:** The email address for your request will be [activation@mircomgroup.com](mailto:activation@mircomgroup.com). Please follow the steps outlined in the activation procedure before contacting us.

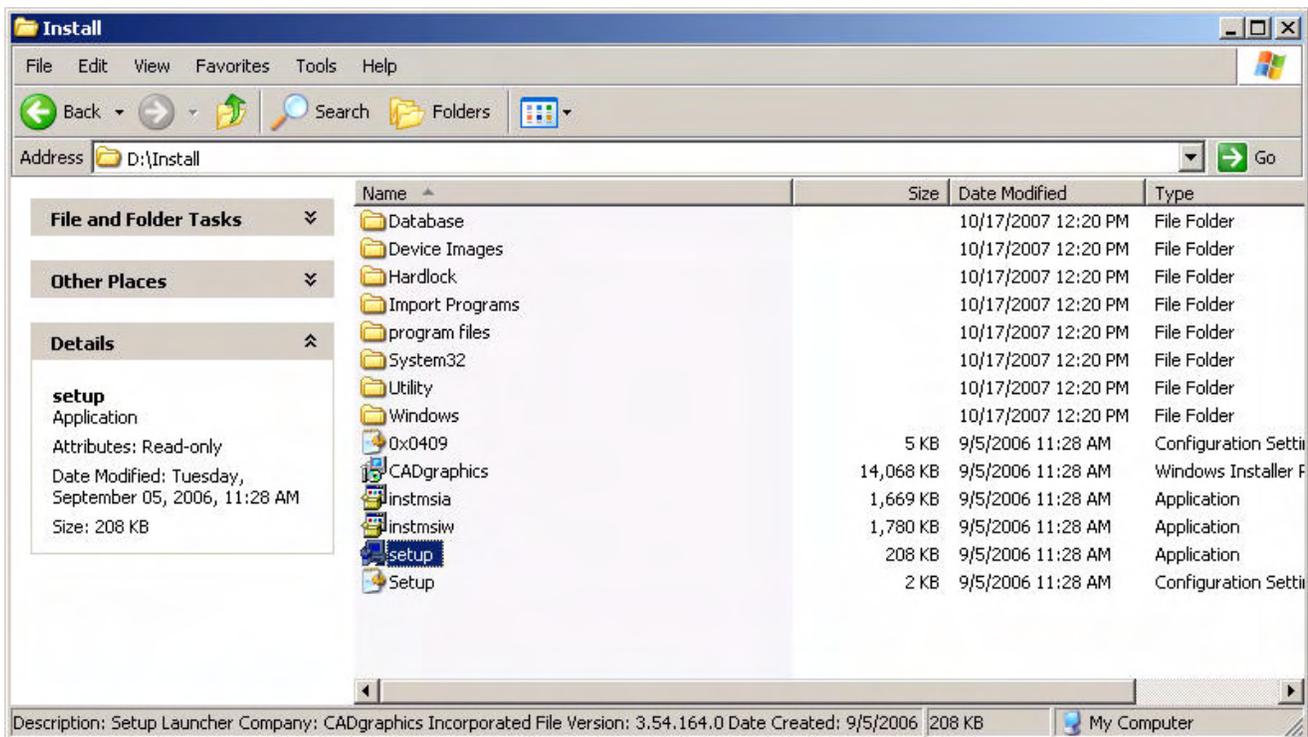
# Installation

## Install MG-2000 on Your Computer

Insert your MG-2000 CD into your computer's CD drive. Allow a moment for the CD load automatically. When it does, a menu will popup and you can continue to **Installation Method #1**. If it does not appear skip to **Installation Method #2**.

### Installation Method #1

- Highlight **Open folder to view files using Windows Explorer**.
- **DO NOT** check the box Always do the selected action.
- Click **OK**.
- A new Windows Explorer window will appear. It displays the contents of the CD.
- The **Install** folder contains files required for installation. The **Panel Driver** folder contains files that we will discuss later and the **User's Guide** folder contains a PDF copy of the CADGraphics User Manual.
- Open the **Install** folder.
- Double-click **setup** to begin the program. Make sure you open the correct file. In the diagram below it is highlighted.



### Installation Method #2

- Click on the **Start** menu, and choose **Run**.
- The **Run** window will open. Enter the following command line: **D:\Install\Setup.exe**.
- Then click **OK**.

## CADGraphics- InstallShield Wizard

The CADGraphics - InstallShield Wizard will now begin.

- Click **Next**.
- Select **I accept the terms in the license agreement**.
- Click **Next**.



- Enter User Name and Organization and select who you want this installed for.
- Click **Next**.
- Select **Setup type** (Full CADgraphics Install recommended.)
- Click **Next**.
- Confirm information and click **Install**.
- Once the install process is completed click **Finish**.

# Installing and Identifying Ports

Before configuring the software you will need to gather and document the correct Port information. This information will be critical during the configuration process as you will need to instruct the software which specific Port you are using.

If you are using a serial port connection, skip directly to the section *Finding The Port Number on page 4*. If your computer does not have this type of port and only has USB capabilities, you will need to use a USB-to-RS232 (“COM Port”) Converter (not supplied.) The details for how to configure it are listed in the following section *Adding a USB-to-RS232 (“COM Port”) Converter on page 4*.

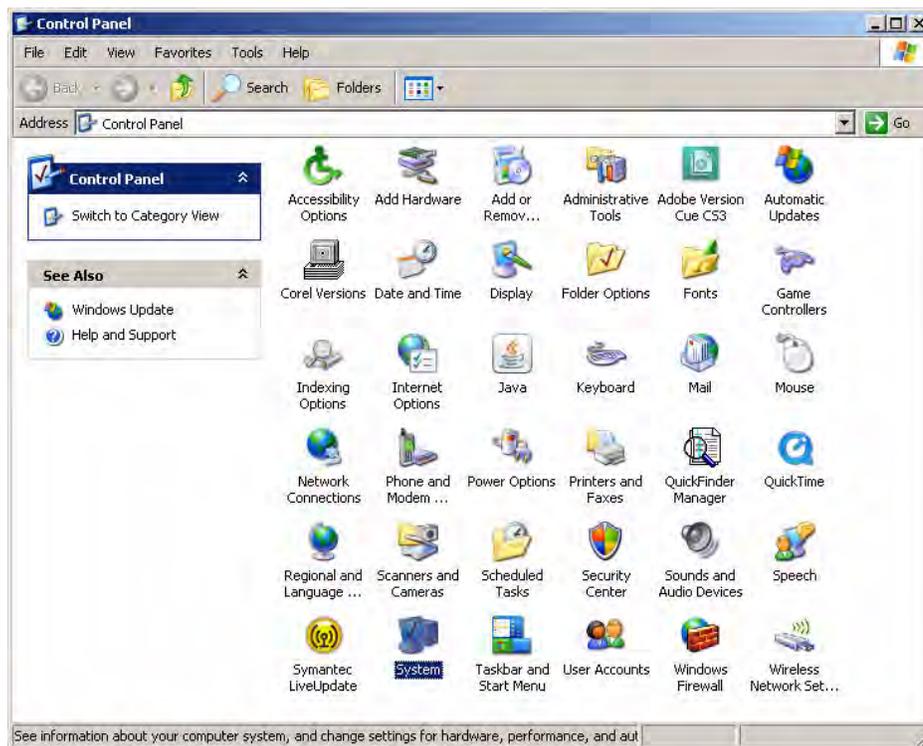
## Adding a USB-to-RS232 (“COM Port”) Converter

Please see the manufacturers instructions.

## Finding The Port Number

Click the lower-left **Start** button and select **Control Panel**. Depending on your windows configuration you may need to click **Start**, select **Settings** and then click **Control Panel**.

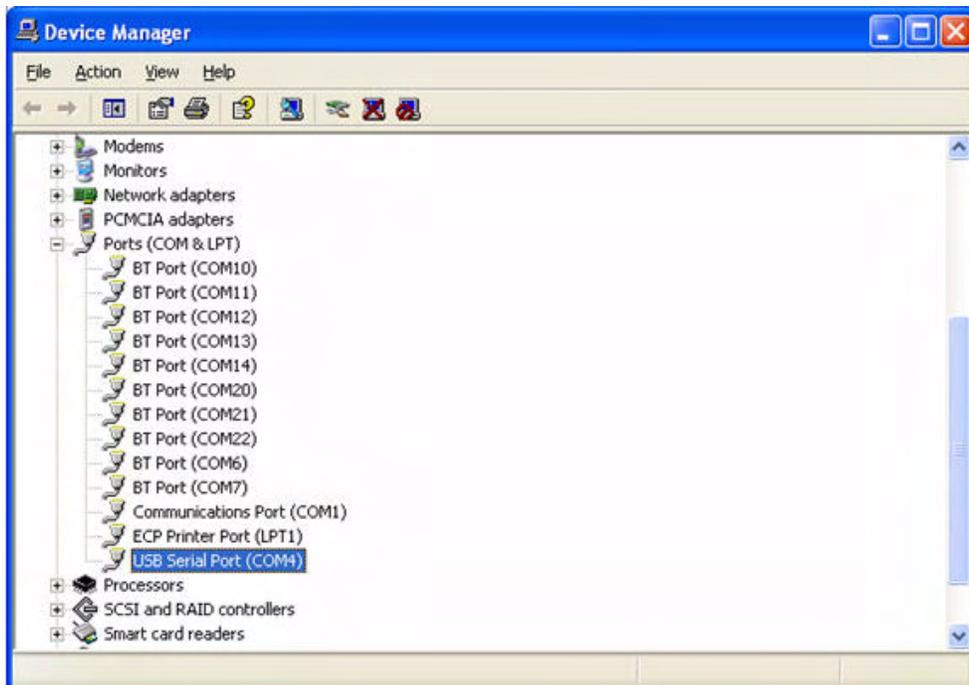
- Double-click on the **System** icon.



- Select the **Hardware** tab and click on the **Device Manager** button.



Scroll down the list that appears to **Ports** and click on the small '+' . The additional list that appears shows all the ports on your PC. The one named USB Serial Port will be the one you just installed, with the COM# associated with it.



# Printer Port Interface

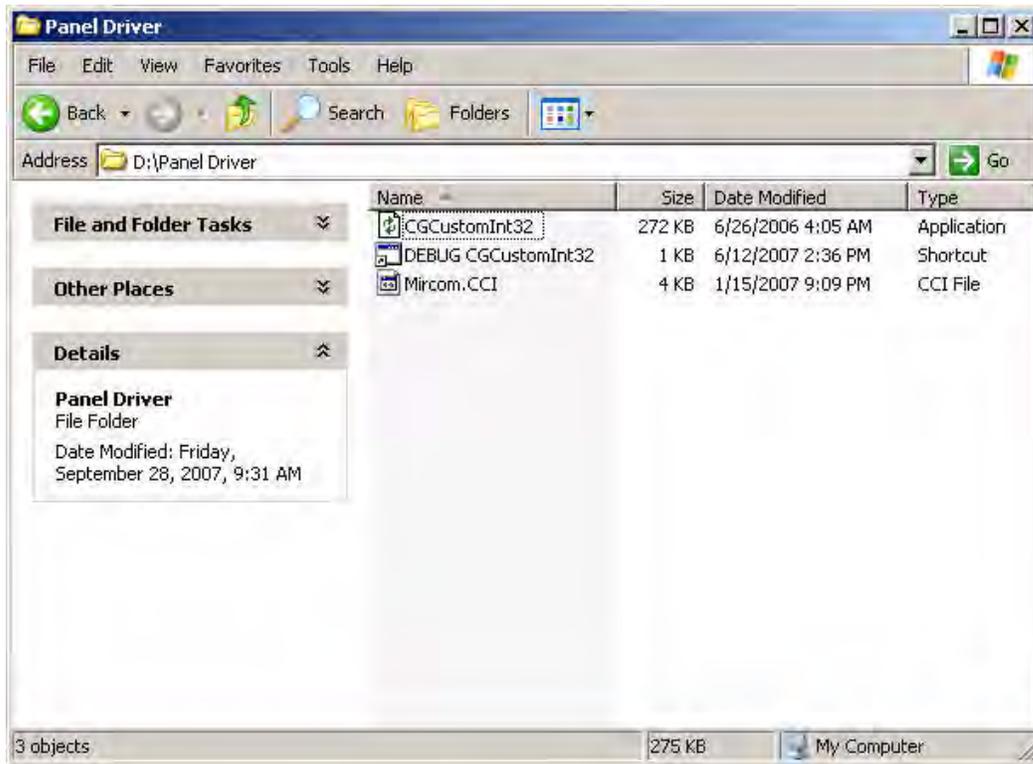


**Note:** These instructions deal only with items specific to the Mircom interface. Please refer to the CADgraphics manual located on the CD (**D:\User's Guide**) for general setup and programming information.

This supplied interface will connect to the printer port on the FX-2000 panel. This does not allow for control of the panel from the MG-2000 program; the panel will need to be attended to.

In the FX-2000 job file ensure that the printer has been enabled.

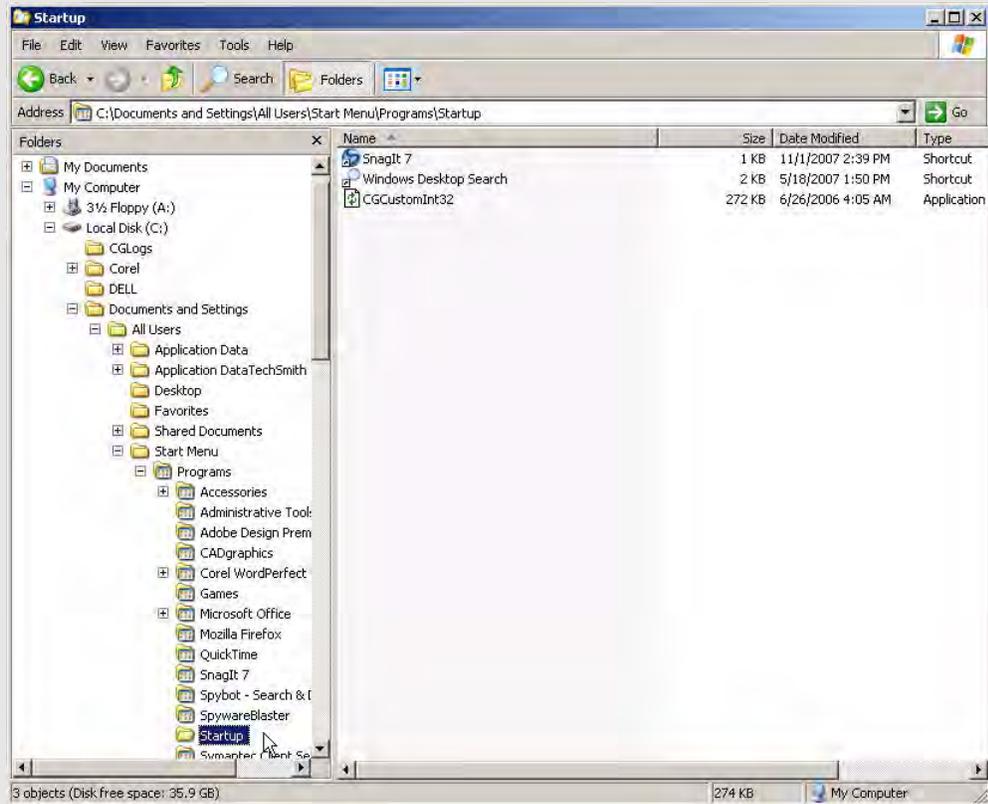
- Copy the files in the Panel Driver directory on the CD into the CADGraphics directory on the computer.





**Note:** It is recommended that you put a short cut to the CGCustomInt32.exe in the Windows Start Up folder. You should also create a short cut to the System Monitor program as well in the Start Up. If you wish to have CADGraphics start automatically, you can include a short cut to the System Watch program as well.

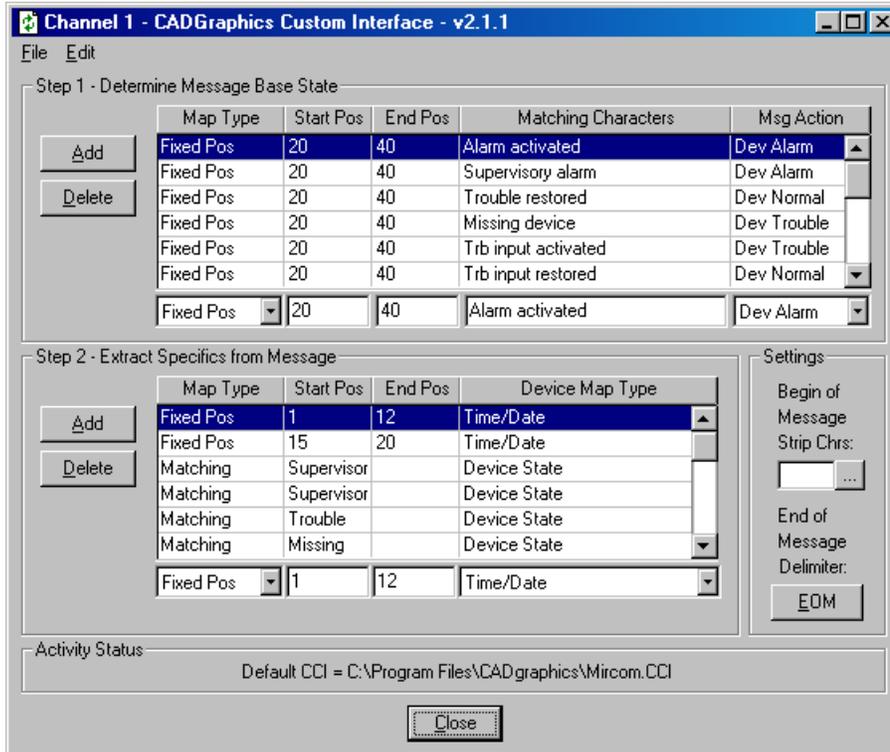
- Right-Click **Start**.
- Select **Explore**.
- Locate the **Startup** folder (**My Computer/Local Disk C:/Documents and Settings/All Users/Start Menu/Programs/Startup**.)
- Drag and Drop CGCustomInt32.exe into the Startup folder.



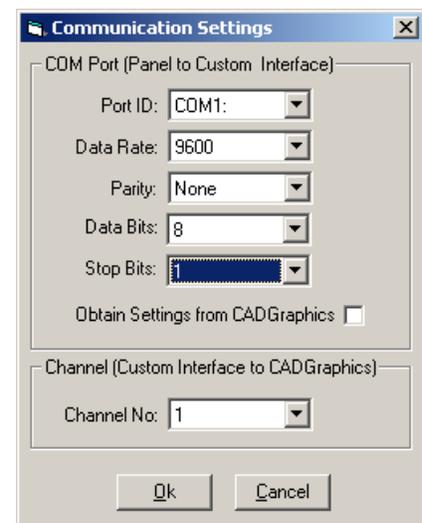
## Setting Passwords and Communication Settings

Run the **CGCustomInt32.exe** to start the new interface.

- Choose **Edit/Admin Passwords**. Here you will be able to change the Level 1 and Level 2 passwords. For convenience, these should probably be set to the same as the rest of the program (**3** by default), though different passwords can be used if so desired.
- Select **File/Open** from the menu and choose the Mircom.CCI file.
- Now click **Open**.



- Now choose **Edit/Communications Settings** and select **9600 baud, 8 data bits, parity none** and **1 stop bit**. Confirm that the channel is 1, enter the Port ID number that you documented during the process described in *Installing and Identifying Ports on page 4* and select **OK**.
- Select **Edit/Default CCI File Name** and choose **Mircom.CCI** again.
- You will then have a window popup asking you to confirm **Is the Channel Correct?** Click **Yes**.
- Now select **File/Save**.
- Select **Close** and the application will be minimized to your system tray.



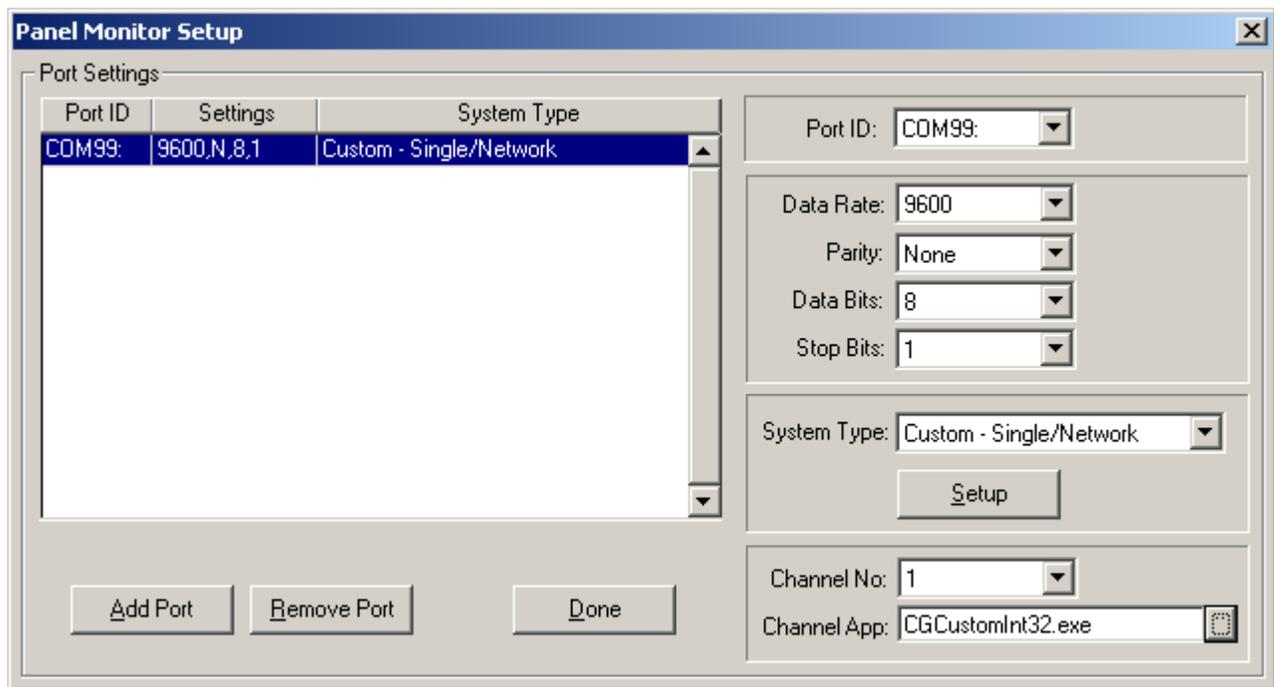
## Configuration Manager

Now open the Configuration Manager. You will be able to find the shortcut in the CADgraphics folder within the Programs folder in your Start menu.

- Click **Start**.
- Select **Programs** and move your mouse to the CADgraphics folder. There you will find the **Configuration Manager**. Open the program.
- You will be prompted to enter a password. The default is **password**.
- Click **OK**.
- Choose **Setup/System COM Ports**.
- **Select the item listed in the Port Settings table as highlighted below.** Until you do this you will not be able to select the channel number or access the Channel App.
- Set the System type to **Custom - Single/Network**.
- Choose the correct **COM port** and set for **9600 baud, 8 data bits, no parity and 1 stop bit**. Choose the baud rate to match the panel. Set the Channel to 1 and set the **Channel App to CGCustomInt32.exe** by pressing the  button.
- Press **Done**.



**Note:** Be sure to click the Setup button on the System COM ports screen and verify that at least one node is listed that points to a MG-2000-defined "System Panel." For further information refer to page 116 of the CADGraphics Users Guide.



**Panel Monitor Setup**

Port Settings

Port ID	Settings	System Type
COM99:	9600,N,8,1	Custom - Single/Network

Port ID: COM99

Data Rate: 9600

Parity: None

Data Bits: 8

Stop Bits: 1

System Type: Custom - Single/Network

Setup

Channel No: 1

Channel App: CGCustomInt32.exe

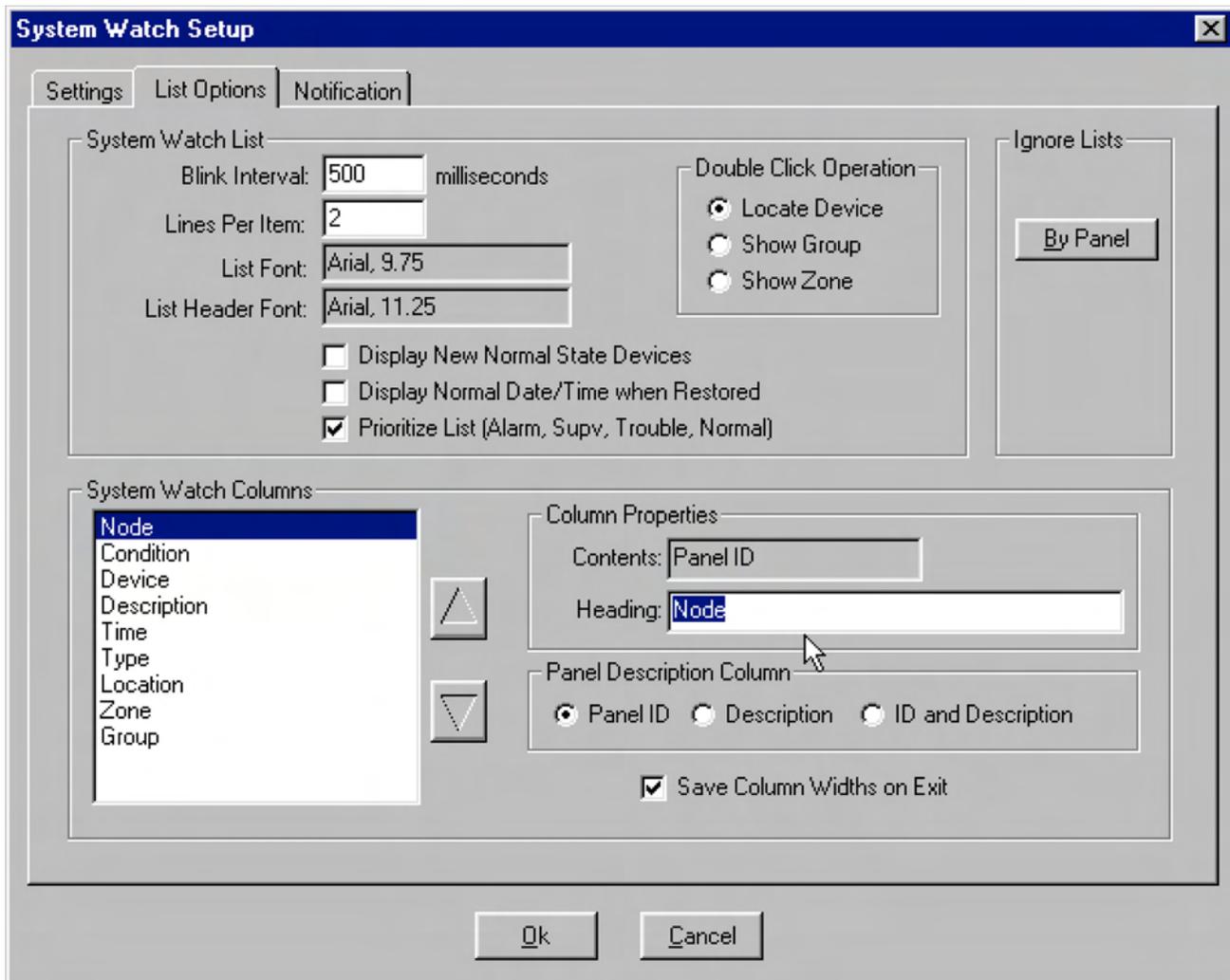
Add Port Remove Port Done

# System Watch

The System Watch program responds to incoming data from every fire alarm and security device on your site, and immediately alerts your staff to alarms and malfunctions. You can customize your System Watch screen to emphasize information that is important to you. A full description of how to configure System Watch is included in the CADGraphics manual located on the CD (**D:\User's Guide**).

You will be able to find the shortcut in the CADgraphics folder within the Programs folder in your Start menu.

- Click **Start**.
- Select **Programs** and move your mouse to the CADgraphics folder. There you will find the **Configuration Manager**. Open the program.



**Note:** In the **System Watch** setup under the **List Options** tab is the setting "**Save Column Widths on Exit**". Leave this box checked until you have the screens set up to suit your requirements. Once the screens are in this state uncheck the box. Once you uncheck it, closing and restarting the program will reset the column (and other) settings.

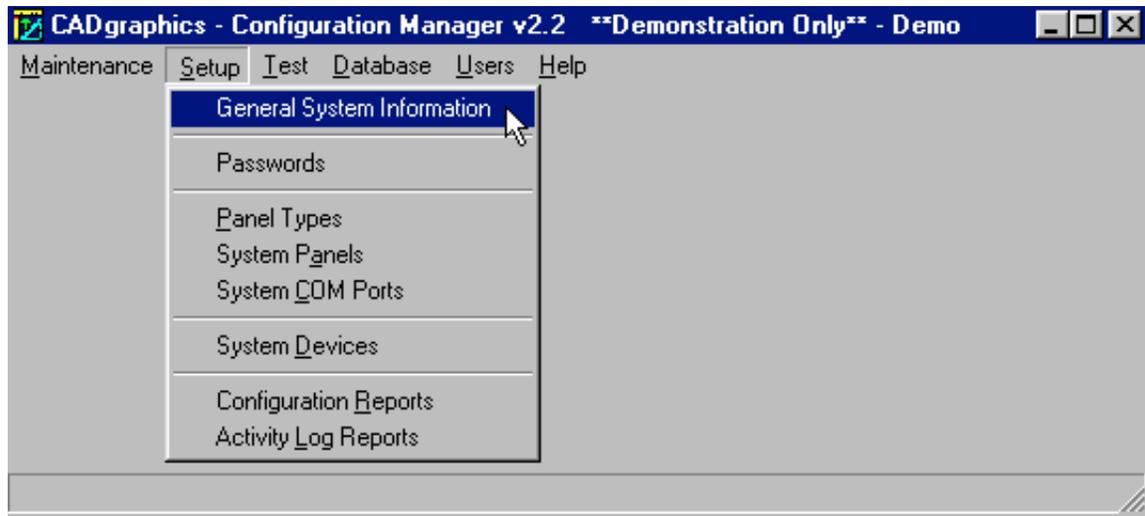
Be advised that it may take some time to configure the columns to suit your needs.

# Activation Procedure

## How to Activate Your Copy of CADGraphics

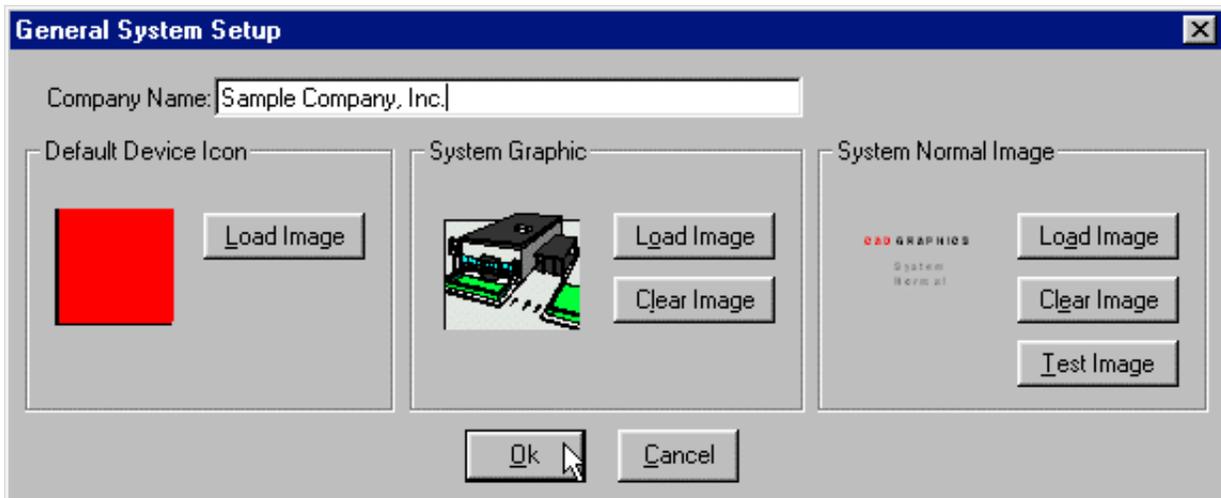
In order to add more than ten devices to your CADGraphics system, you'll need to activate your copy of the software. Start by opening **Configuration Manager**.

- You will be prompted to enter a password. The default is **password**.
- Go to the **Setup** drop-down menu and click on **General System Information**.



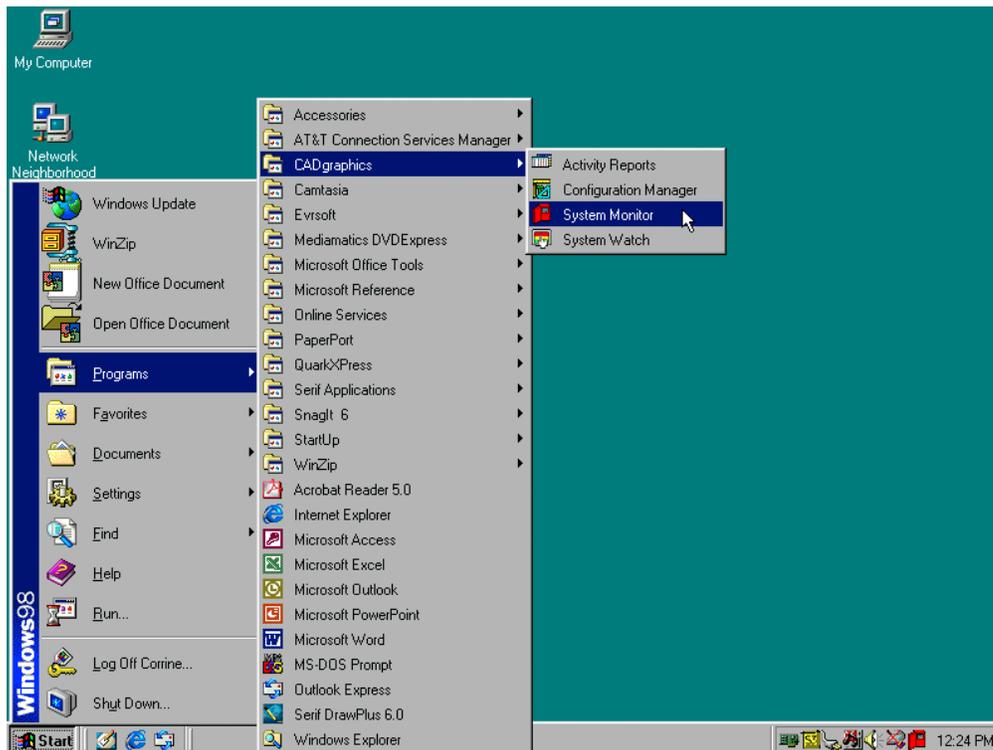
## Enter Your Company Name

The **General System Setup** window will open. **Type in your company** name exactly as you want it to appear throughout your CADGraphics system, and then click **Ok**.



## Open System Monitor

Go to your **Start** menu and open the **System Monitor** program.



- After a splash screen appears, you'll be reminded that you are working in demonstration mode.
- Click **OK** to continue.
- Go to the **Setup** drop-down menu on the top left corner of the open window and click **on Product Activation**.
- You'll be asked to enter your access control password. The default password is the numeral **3**. Type it in and **click OK**.
- You'll see a warning message, informing you that port monitoring will be suspended. In other words, that means that your panels won't be able to send messages to CADGraphics for the time being. That's not a problem, since you're just setting up the system. **Click Yes to proceed**.

## Generate an Activation Request

You'll see a product activation screen.

- Your company name will already be in the box, just as you entered it with **Configuration Manager**.
- If the "Company Name" field says "Demo," enter your company name exactly as you would like it to appear throughout the CADGraphics system.
- Click the **Generate Activation Request** button.



**IMPORTANT NOTE!**

**PLEASE DISREGARD THE CONTACT INFORMATION PROVIDED ON THE POPUP WINDOW ON YOUR SCREEN. TO OBTAIN YOUR ACTIVATION KEY PLEASE PROVIDE THE INFORMATION DETAILED IN THE FOLLOWING STEPS to [activation@mircomgroup.com](mailto:activation@mircomgroup.com).**

- Click **Done**.

**Product Activation**

Company Name:

Activation/Deactivation Request

Request Key:

Submit Activation Key

Max Devices:

Max Watch Users:

Max Panels:

Expiration Date:  **DEMO Version**

UL Listed  Distributor Copy

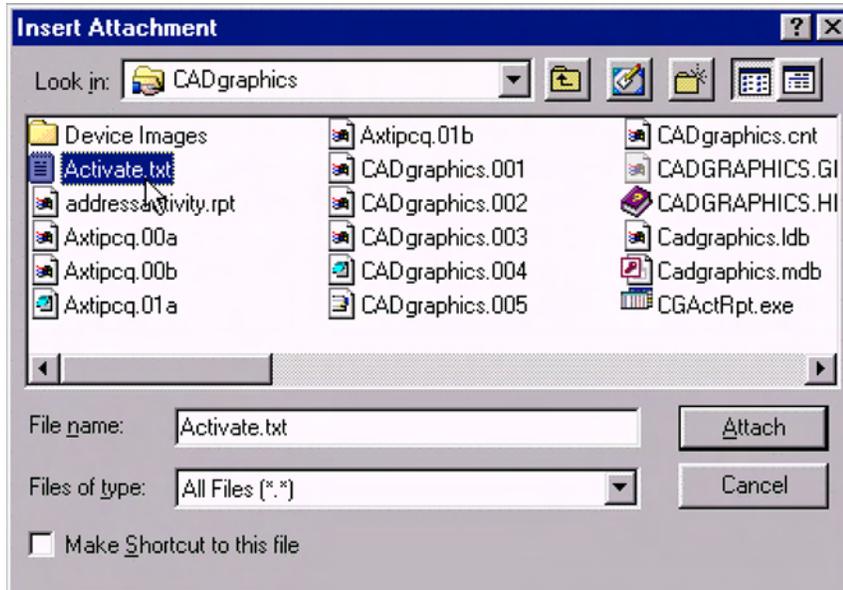
Product Activation Key:

## Get Your Activation Key by E-Mail

You will be prompted to get your Activation Key by e-mail.

## Find the Activation Text (Activate.txt) File

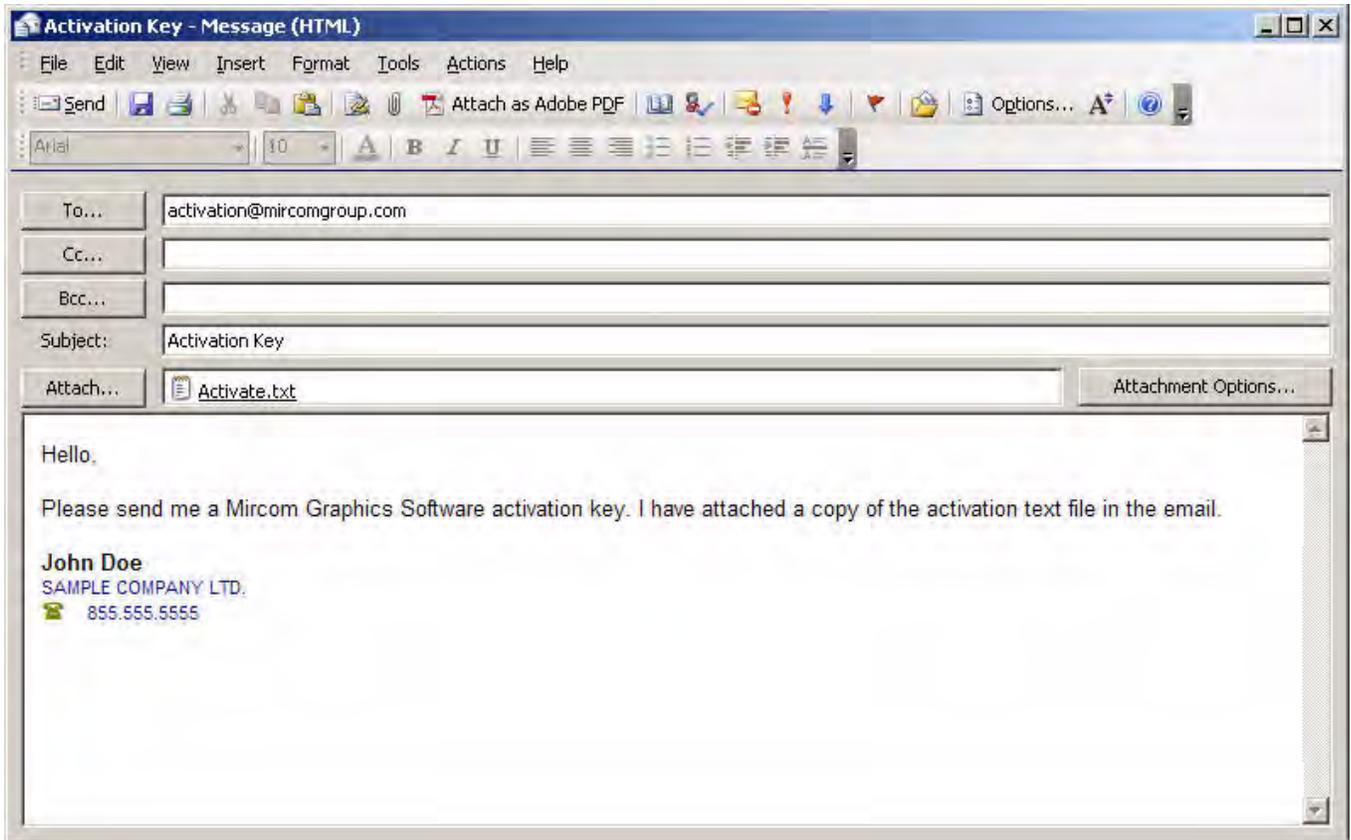
- The software will generate an activation request file — a text file called Activate.txt. The text file will be in the CADGraphics folder on your hard drive. (At this point, you won't need to open it and view it.)
- Now find your activation text file in the CADGraphics folder on your computer at **C:\PROGRAM FILES\CADGraphics\Activate.txt**.
- To locate this click **My Computer**.
- Click **Local Disk (C:)**.
- Click **Program Files**.
- Open the **CADgraphics** folder.



## Compose an E-Mail

Next, compose and send an e-mail to **activation@mircomgroup.com**.

- Be sure to **attach the activation text file**.
- Additionally, please **include your phone number**.



## Receive Your Activation File

By return e-mail, you will get a text file customized with the name of your company. In the case of our example, the file would be named "Sample Company, Inc..TXT."

## Save Your Activation Key

Now you will save the new text file to your CADGraphics folder.

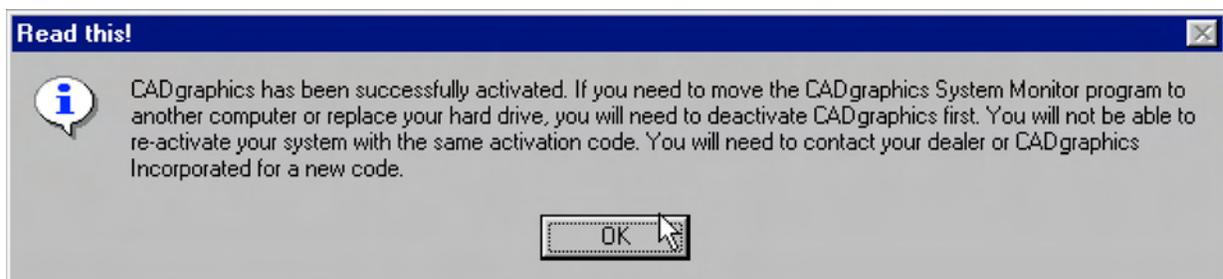
- First, **double-click on the attachment**. You may receive a popup with an "Open Attachment Warning."
- If so, select **Save it to disk** and click **OK**.
- Then, save the attachment in the CADGraphics folder on your hard drive.

## Open Your Activation File

Return to the **Product Activation** window in **System Monitor** (Located under the Setup tab on the main screen.)

- Click on **Open Activation File**.
- Open the Activation File that you received via email and saved to the CADGraphics folder.

- Click the **Activate CADGraphics** button.
- Click **Done**.
- You'll see the following message. Read it and click **OK**.



Now you'll see that CADGraphics has been completely activated. The program isn't running in demo mode anymore. Your company name is filled in, your key codes are complete, and your software is programmed for a maximum number of devices, users, and panels.



**Helpful Hint:** Each activation key will work only on one hard drive. The activation request code that you generate is based on your computer's serial number and the company name you enter in the database.



## Notes

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