FireWorks OneView Installation and Operation Manual

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Version

This document applies to FireWorks OneView graphic annunciators running FireWorks 9.3 software and later.

FCC compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

There is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Contact information

For contact information, see www.edwardsfiresafety.com.

Content

Important information

References

Install this device in accordance with applicable national and local codes, ordinances, and regulations. For more information, refer to the following documents:

- UL 864 *Standard for Control Units and Accessories for Fire Alarm Systems, tenth edition*
- NFPA 70 *National Electrical Code*
- NFPA 72 *National Fire Alarm Signaling Code*
- NFPA 92 *Standard for Smoke-Control Systems*

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Installation in accordance with this manual, applicable codes, and the instructions of the authority having jurisdiction is mandatory.

While every precaution has been taken during the preparation of this manual to ensure the accuracy of its contents, Carrier assumes no responsibility for errors or omissions.

Advisory messages

Advisory messages alert you to conditions or practices that can cause unwanted results. The advisory messages used in this document are shown and described below.

WARNING: Warning messages advise you of hazards that could result in injury or loss of life. They tell you which actions to take or to avoid in order to prevent the injury or loss of life.

Caution: Caution messages advise you of possible equipment damage. They tell you which actions to take or to avoid in order to prevent the damage.

Note: Note messages advise you of the possible loss of time or effort. They describe how to avoid the loss. Notes are also used to point out important information that you should read.

Introduction

This manual provides instructions for installing a FireWorks OneView graphic annunciator. It is intended for those trained and certified on EST4 and FireWorks installation and programming and who are familiar with multiplex fire alarm systems and all relevant codes and standards.

The specifics for configuring an EST4 fire alarm system or a FireWorks life safety network are beyond the scope of this manual.

In this manual:

- “Windows 10” refers to “Windows 10 IoT Enterprise LTSC.” Unless stated otherwise, no other edition of Windows 10 is supported.
- “4-FWAL card” refers to the 4-FWAL1, 4-FWAL2, 4-FWAL3, or 4-FWAL4

Deployment requirements

- A FireWorks Stand-alone HASP key with the Graphical Annunciator feature enabled.
- On the System Control shortcut, add the argument -EnableGA to make it run in GA mode.

  The -EnableGA argument is case sensitive and must be entered exactly as is written here.
- Adobe Reader installed.
- Making sure there are no file-based printers in the OS.
- Setting up a file-based printer if required.
- Selecting the correct watchdog card.

Notes

- Adobe Reader comes installed on the FW-GA-PC computer image. FireWorks OneView has been tested to work with the installed version of Adobe Reader installed. Updating or re-installing to a different version of Adobe Reader could result in issues with some features of the graphical annunciator not functioning.
- FireWorks OneView will not function on any computer that is part of a redundant or nonredundant network, it is designed for a standalone workstation only. A site may choose to use multiple graphical annunciators but there is no communication between them.

Printing

FireWorks OneView has printing capabilities in different areas of the software. The Map, Event List, and the Building Information windows have print buttons that allow printing. Printing is recommended with physical printers only. Print to PDF, Print to OneNote, and other printing methods that don’t target a physical printer are not recommended and can lead to unforeseen issues during use.

Note: It is advised that if these print features are not being used, that they be removed from the print options in Windows.

Description

Introduction

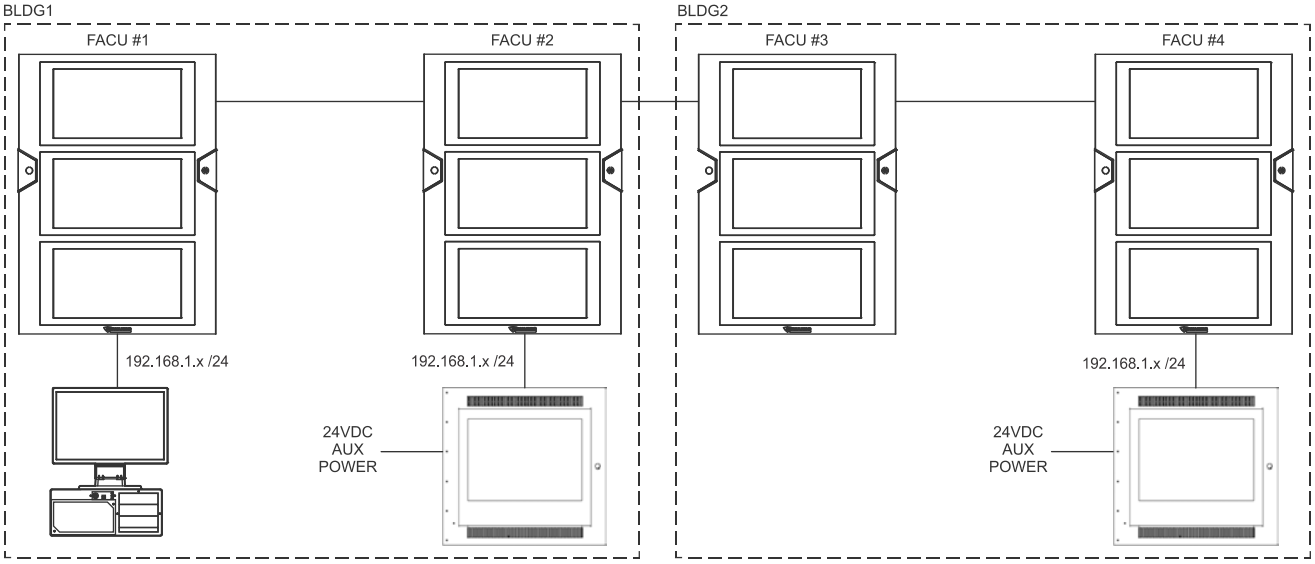
FireWorks OneView graphic annunciators provide remote annunciation of fire alarm systems and are intended for use by those who is trained and authorized to operate the graphic annunciator during a fire alarm emergency.

A FireWorks OneView graphic annunciator consists of an FW-GA-PC computer installed in an FW-GA-CABB enclosure. The enclosure is locked to prevent unauthorized access to manual controls.

Application

Figure 1 below depicts a typical campus-style application in which a FireWorks OneView graphic annunciator is installed in the lobby of each building for first responders to view building-specific events while a FireWorks stand-alone workstation is installed for site emergency operators to view all events from both buildings.

Figure 1: Typical FireWorks OneView application



In an EST4 fire alarm system, all events are multi-cast to every node on the fire network, but it is a node's state network routing setting that determines whether it processes the events. A node's state network routing setting is specified by selecting a network routing group. State network routing and network routing groups are configured in the 4-CU configuration utility as part of the site-specific software.

The state network routing settings for the FireWorks OneView application in Figure 1 above is shown below.

Node	FACU #1	FACU #2	FACU #3	FACU #4
4-CPU	Bldg1 Only	Bldg1 Only	Bldg2 Only	Bldg2 Only
4-FWAL	All	Bldg1 Only	N/A	Bldg2 Only

The network routing groups for the FireWorks OneView application in Figure 1 on page 5 is shown below.

Node	Bldg1 Only	Bldg2 Only	All
FACU #1\4-CPU	✓		✓
FACU #1\4-FWAL	✓		✓
FACU #2\4-CPU	✓		✓
FACU #2\4-FWAL	✓		✓
FACU #3\4-CPU		✓	✓
FACU #4\4-CPU		✓	✓
FACU #4\4-FWAL		✓	✓

Software options

Table 1 lists the software that you can install on the FireWorks OneView graphic annunciator computer. Software options are ordered separately.

Access to the software is controlled by a USB software key that has been activated with your personal initialization numbers (PINs). The software PINs are issued to you by way of a Software Key Certificate and are matched to your specific USB software key.

Table 1: FireWorks software product descriptions

Product	Description
FW-CGS-UL	FireWorks stand-alone system software with command and control (includes FIREKEYUSB and Software Key Certificate)
FW-CGS	FireWorks stand-alone system software without command and control (includes FIREKEYUSB and Software Key Certificate)

Specifications

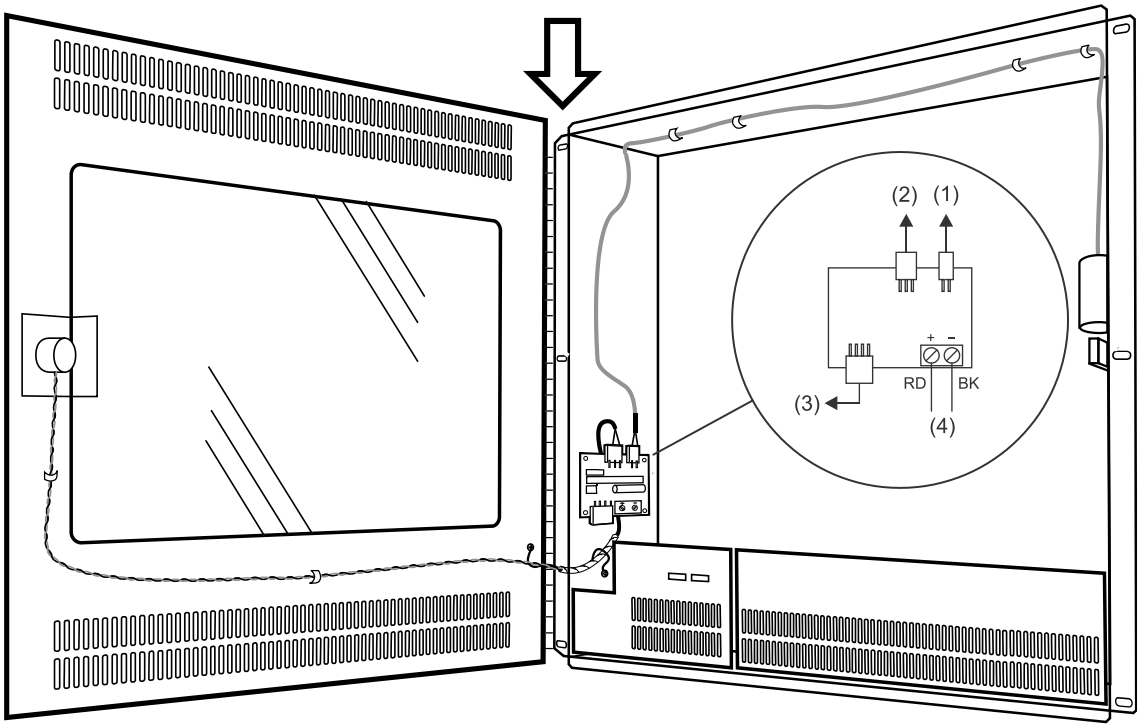
Operating system	Windows 10 IoT Enterprise LTSC, 64-bit, Version 21H2
Processor	11th Generation Intel® Core™ i7 Processor
Memory	32 GB DDR4
Storage	512 GB SSD
I/O ports	1x HDMI, 1x VGA, 2x GigE LAN, 4x USB 3.0
Watchdog card	Yes
Power	24 VDC, 1.8 A, regulated
LCD Screen	
Size	22-inch
Brightness	250-nit
Aspect ratio	16:9
Resolution	1920×1080
Screen type	Touchscreen, SAW
Dimensions	
without back box	24” W × 17.5” H × 3.25” D
with back box and front cover	24.5” W × 22” H × 3.5” D

Enclosure	
Material	Galvanized (Spangle G30 Coat) Steel Black, Powder Coated Bezel
Security	Door locking solenoid
Mounting options	In wall
Weight	
without back box	18 lbs.
with back box and front cover	39 lbs.
Operating environment	
Temperature	32 to 122°F (0 to 50°C)
Relative humidity	0 to 93% noncondensing

Installing a FireWorks OneView graphic annunciator

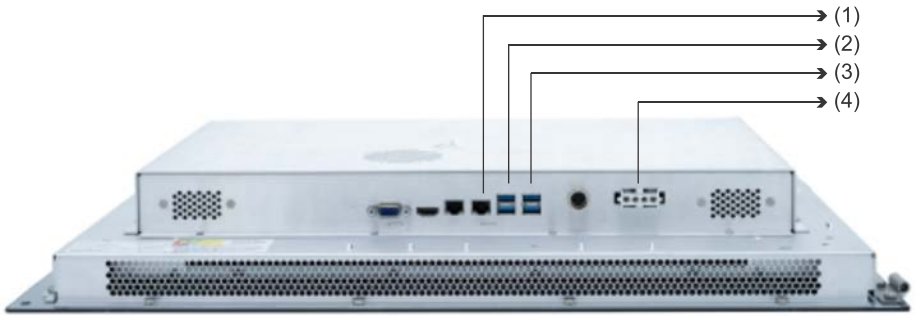
1. Install the FW-GA-CABB enclosure. For instructions, see *FW-GA-CABB FireWorks Graphic Annunciator Enclosure Installation Sheet* (P/N 3102995).
2. Set the OneView computer (FW-GA-PC) on the hinge pins on the left side of the enclosure. See Figure 2 below.
3. Connect the two USB cables from the computer to the enclosure frame. See Figure 3 on page 9.
4. Connect the computer's power cable to the solenoid board. See Figure 3 on page 9.
5. Make sure the external power supply is off, and then connect the power cables to the solenoid board. SeeFigure 2 below.

Figure 2: Installation



(1) To door lock solenoid
(2) To door key switch
(3) To OneView computer (FW-GA-PC)
(4) From a filtered, regulated, 24 VDC auxiliary power supply that is UL/ULC listed for fire protective signaling service

Figure 3: OneView cable connections



(1) Ethernet cable to EST4 4-FWAL card or MN-FNS Ethernet switch. Limit connection to the same room, within 20 ft. (6.1 m) for UL or 59 ft. (18 m) for ULC and enclose in conduit or equivalent protection against mechanical injury.
(2) USB cable to the enclosure frame.
(3) USB cable to the enclosure frame.
(4) Power cable to the solenoid board.

Connecting FireWorks OneView to an EST4 control unit

EST4 fire network node counts

To meet FireWorks timing requirements, the number of nodes allowed on a Class B EST4 fire network varies with the SFP network controller modules used to connect the nodes. See the table below.

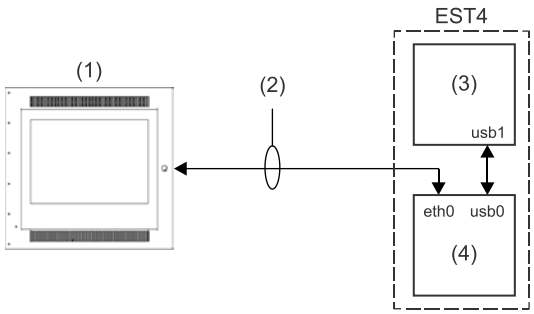
SFP network controller modules	Media speed	EST4 network nodes
4-NET-MM, 4-NET-SM, 4-NET-SMU, 4-NET-SMD, 4-NET-SMH, 4-NET-TP	Fast	150
4-NET-TP-HC	Medium	39
4-NET-XT	Slow	25

Local or remote Ethernet connection

Figure 4 and Figure 5 show how to connect a FireWorks OneView graphic annunciator to an EST4 control unit. The EST4 control unit must be equipped with a properly configured 4-FWAL card, a 4-FWAL-CAT SFP module, and an ECP communication service.

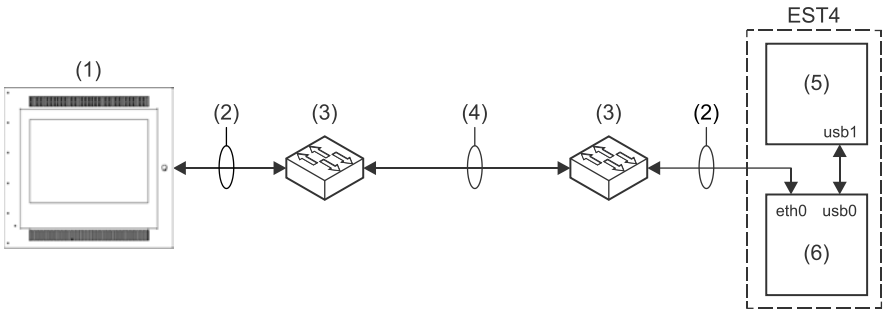
Note: The figures below show a FireWorks OneView graphic annunciator connected to eth0 Ethernet port on a 4-FWAL card. You may also connect it to the 4-FWAL card's eth1 Ethernet port.

Figure 4: Local connection



(1) FW-GA-PC
(2) RJ-45 Ethernet patch cable, Cat 5e or better. Limit connection to the same room, within 20 ft. (6.1 m) for UL or 59 ft. (18 m) for ULC and enclose in conduit or equivalent protection against mechanical injury.
(3) 4-CPU card
(4) 4-FWAL card and 4-FWAL-CAT SFP module.

Figure 5: Remote connection

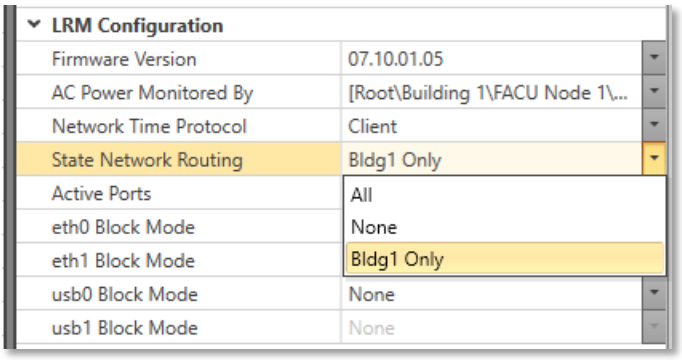


(1) FW-GA-PC
(2) RJ-45 Ethernet patch cable, Cat 5e or better. Limit connection to the same room, within 20 ft. (6.1 m) for UL or 59 ft. (18 m) for ULC and enclose in conduit or equivalent protection against mechanical injury.
(3) MN-FNS Ethernet switch
(4) Dedicated fiber network.
(5) 4-CPU card
(6) 4-FWAL card and 4-FWAL-CAT SFP module.

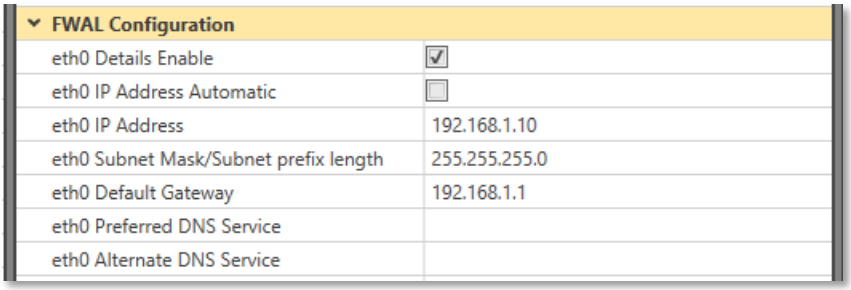
EST4 setup

In the 4-CU configuration utility, do the following:

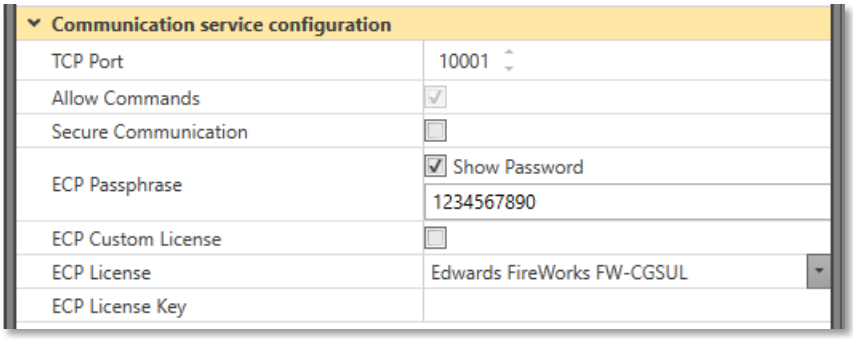
- Set the 4-FWAL card's State Network Routing property. For example, if you only want the FireWorks OneView graphic annunciator to only receive events from Building 1, select the Bldg1 Only network routing group as shown below.



- Set the 4-FWAL card's eth0 properties as shown below.

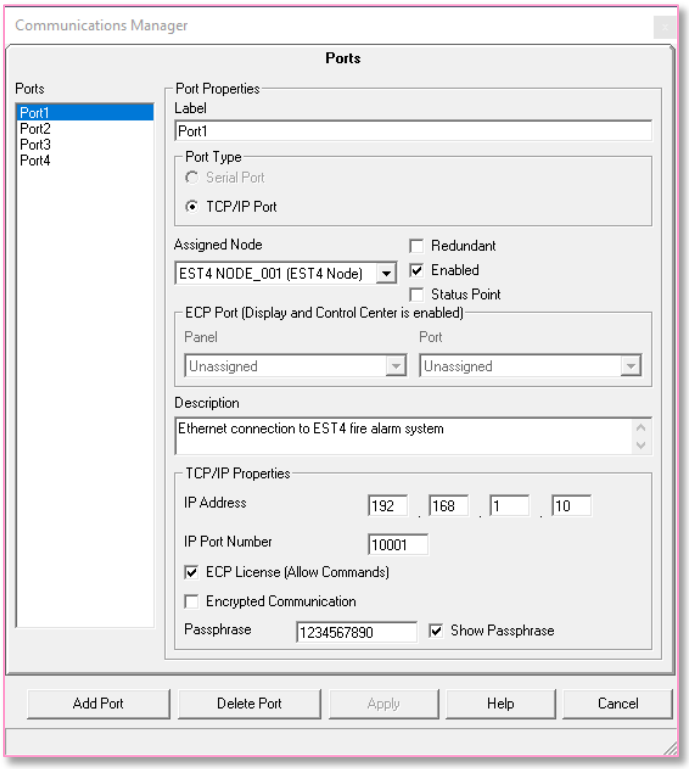


- Set the ECP Communication Service properties as shown below.



FireWorks COM port setup

In FireWorks System Builder, configure a FireWorks TCP/IP port as shown below.



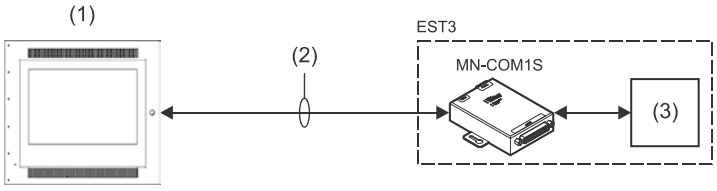
Connecting FireWorks OneView to an EST3 control unit

You can connect a FireWorks OneView to an EST3 control unit through an Ethernet connection using an MN-COM1S connected to the EST3 control unit's serial port

Ethernet connection using an MN-COM1S

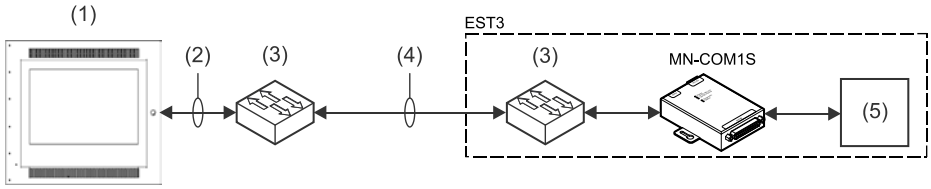
Figure 6 and Figure 7 show how to connect a FireWorks OneView to an EST3 control unit using an Ethernet connection. For this type of connection, the EST3 control unit must be equipped with a properly configured MN-COM1S. For more information, see *MN-COM1S RS-232 to Ethernet Interface Installation Sheet* (P/N 3101601).

Figure 6: Local MN-COM1S connection



(1) FW-GA-PC
(2) RJ-45 Ethernet patch cable, Cat 5e or better. Limit connection to the same room, within 20 ft. (6.1 m) for UL or 59 ft. (18 m) for ULC and enclose in conduit or equivalent protection against mechanical injury.
(3) EST3 CPU card and RS-232 option card.

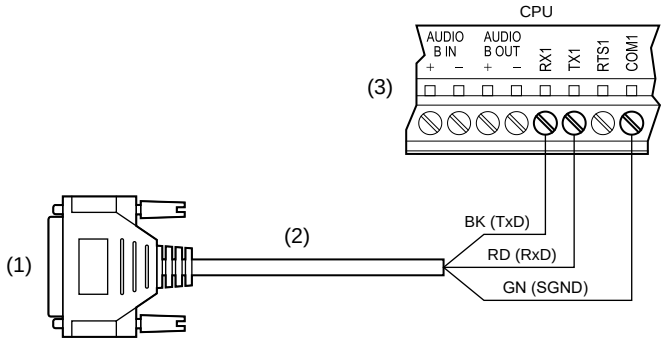
Figure 7: Remote MN-COM1S connection



(1) FW-GA-PC
(2) RJ-45 Ethernet patch cable, Cat 5e or better. Limit connection to the same room, within 20 ft. (6.1 m) for UL or 59 ft. (18 m) for ULC and enclose in conduit or equivalent protection against mechanical injury.
(3) MN-NETSW1 or MN-FNS series Ethernet switch
(4) Dedicated fiber network.
(5) EST3 CPU card and RS-232 option card.

Connect the DB-25 serial cable supplied with the MN-COM1S to the serial port on the EST3 control unit as shown in Figure 8.

Figure 8: EST3 serial port field wiring



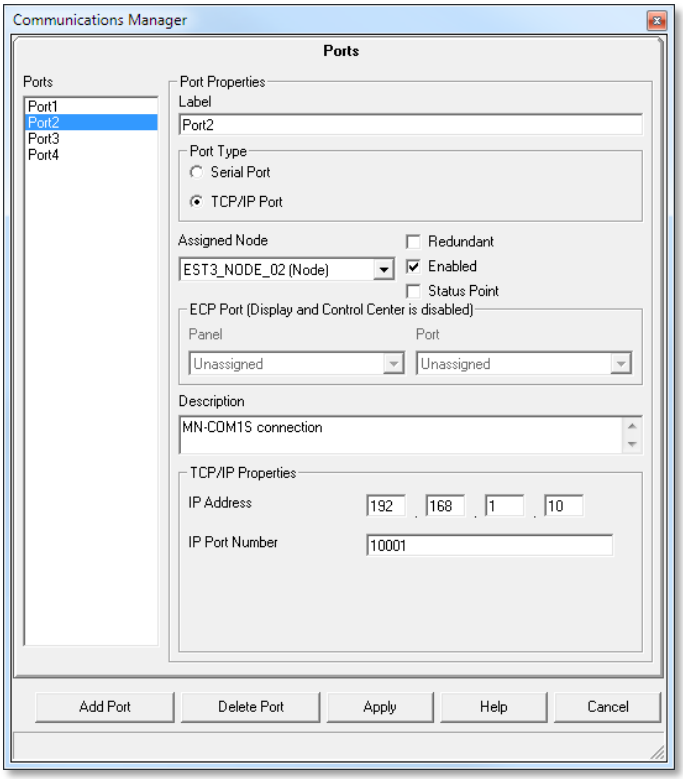
(1) To the MN-COM1S
(2) DB-25 serial cable supplied with the MN-COM1S
(3) EST3 CPU card serial port

Configure the serial port on the EST3 control unit as follows:

- Port Type: Gateway Type III
- Baud Rate: 19.2 Kbaud

Configure a FireWorks TCP/IP port as shown in Figure 9.

Figure 9: FireWorks TCP/IP port settings



Connecting FireWorks OneView to an EST3X control unit

You can connect a FireWorks OneView to an EST3X control unit as follows:

- Through an Ethernet connection using an MN-COM1S connected to the EST3X control unit's serial port (requires 3-SDU V5.32 and C-CPU application code V1.31)
- Through an Ethernet connection using a 3X-ETH card installed in the EST3X control unit (requires 3-SDU V5.32 and C-CPU application code V1.31)

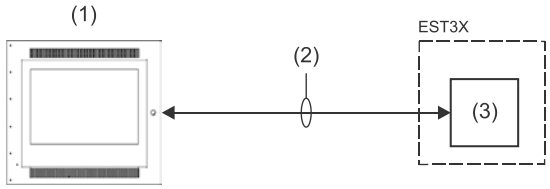
Ethernet connection using an MN-COM1S

Connect the FireWorks OneView to an EST3X control unit the same way you connect it to an EST3 control unit. For more information, see "Ethernet connection using an MN-COM1S" on page 14.

Ethernet connection using a 3X-ETH card

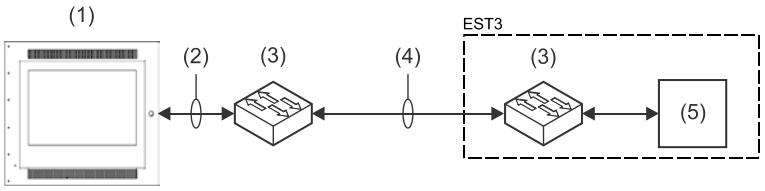
Figure 10 and Figure 11 show how to connect a FireWorks OneView to an EST3X control unit using an Ethernet connection. For this type of connection, the EST3X control unit must be equipped with a properly configured 3X-ETH card. For more information, see *3X-ETH Ethernet Adapter Card Installation Sheet* (P/N 3101775).

Figure 10: Local 3X-ETH card connection



(1) FW-GA-PC
(2) RJ-45 Ethernet patch cable, Cat 5e or better. Limit connection to the same room, within 20 ft. (6.1 m) for UL or 59 ft. (18 m) for ULC and enclose in conduit or equivalent protection against mechanical injury.
(3) EST3X CPU card and 3X-ETH card.

Figure 11: Remote 3X-ETH card connection

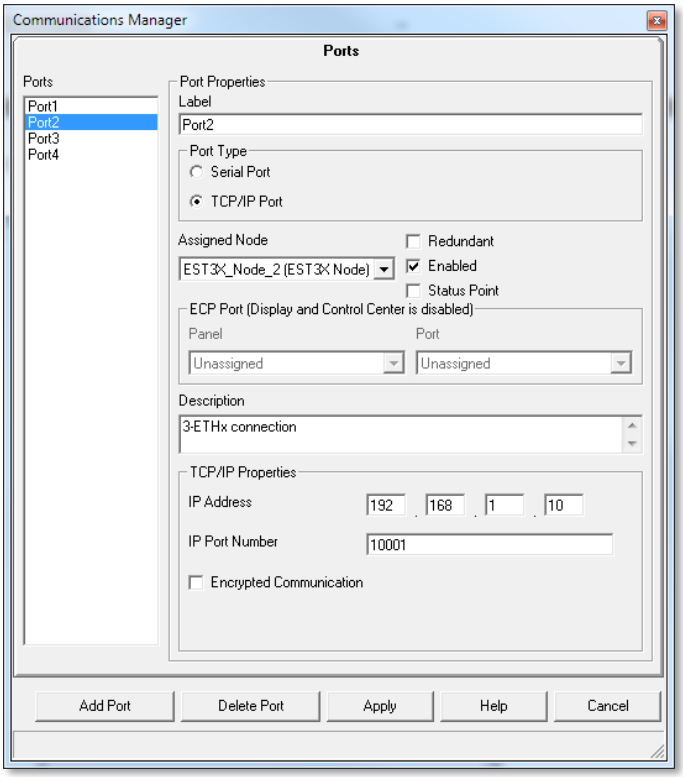


(1) FW-GA-PC
(2) RJ-45 Ethernet patch cable, Cat 5e or better. Limit connection to the same room, within 20 ft. (6.1 m) for UL or 59 ft. (18 m) for ULC and enclose in conduit or equivalent protection against mechanical injury.
(3) MN-NETSW1 or MN-FNS series Ethernet switch
(4) Dedicated fiber network.
(5) EST3X CPU card and 3X-ETH card.

Configure a FireWorks TCP/IP port as shown in Figure 12.

Note: For encrypted communication, check the Encrypted Communication check box and enter a passphrase. Enter the same passphrase used on the EST3X control unit.

Figure 12: FireWorks TCP/IP port settings for 3X-ETH1/2/3 connection



Installing the FireWorks software

Installing the FireWorks software can take up to 45 minutes or more. To speed up the installation, we recommend that you disconnect the computer from the network by unplugging the Ethernet cable or by disabling the network adaptor.

While installing the software, do not attempt to run any other programs, or perform any other operations on the FireWorks OneView graphic annunciator.

To install the software:

1. Connect the FW-GA-PC computer to the Internet, and then download the FireWorks software and the software release notes from the My-Eddie website.
2. Read the release notes in their entirety before proceeding.
3. Extract the files from the FireWorks software ZIP folder onto the FW-GA-PC computer's desktop or some other location on the computer.
4. Open the FireWorks software installation folder (e.g., FireWorks x.x.xx RC x), right-click setup.exe, and then click Run as administrator.
5. Follow the on-screen instructions.

   When you are prompted to enter a PIN, enter the FW-CGSUL or FW-CGS PIN from your Software Key Certificate.

   When you are prompted to load SQL Server 2019 Standard Database, click No.
6. When you are asked whether to install OH Network Receiver, click No.

Setting up the FireWorks OneView graphic annunciator

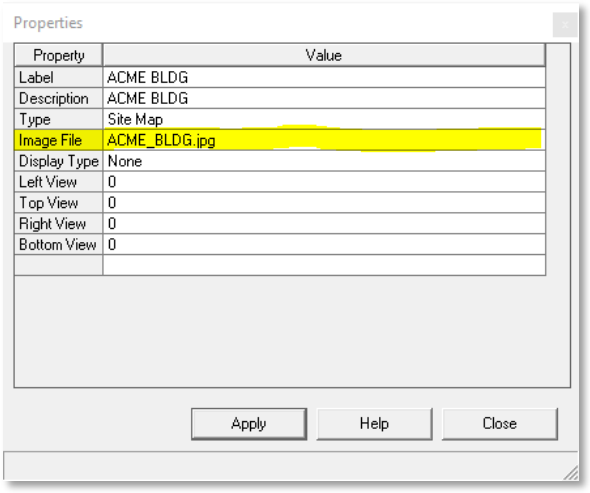
The steps for setting up the FireWorks OneView graphic annunciator is listed here:

1. Create a site map.
2. Disable Display and Control Center operation.
3. Create a Level 2 access group.
4. Create a OneView user.
5. Optimize the Event List window display.
6. Enable the System Control autologon feature.
7. Increase TSA visibility on maps.
8. Add the −EnableGA command to the System Control shortcut.
9. Pin the on-screen keyboard to the Windows taskbar.
10. Remove the computer's legal notice.
11. Configure the computer to automatically log on to the Windows Administrator user account.
12. Configure FireWorks to automatically start System Control and log on as the OneView user.

Note: FireWorks 9.3 includes a FireWorks OneView demo project that you can open to use as a template.

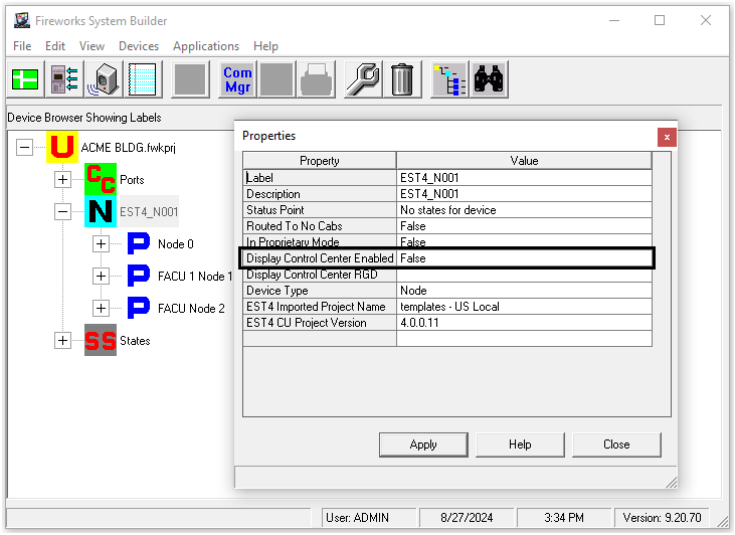
Create a site map

1. Create a site map image file, and then save it in the C:\Fireworks\Maps folder (e.g., ACME_BLDG.jpg).
2. In Map Browser, add your site map image to the Default Map Pool.
3. Right-click the Site Map icon, select Properties, and then set the Image File property for your site map image file.



Disable Display and Control Center operation

1. In System Builder, right-click the EST4 node icon, and then click Properties.
2. In the Properties box, set the Display Control Center Enabled property for False.

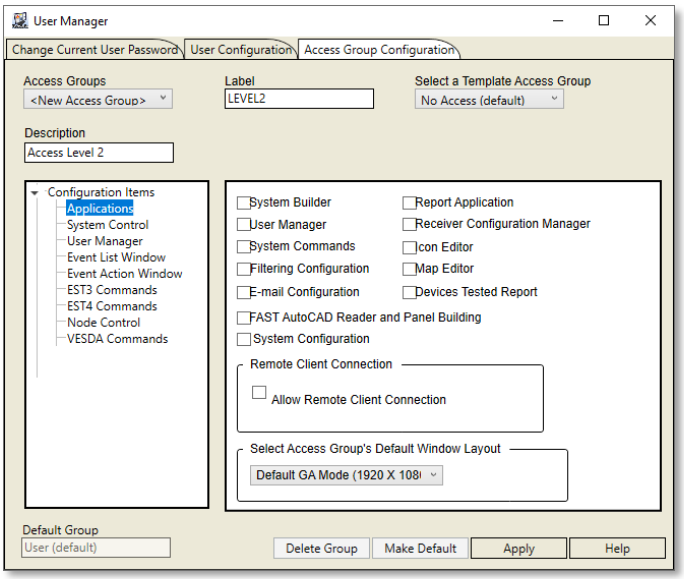


Create a Level 2 access group

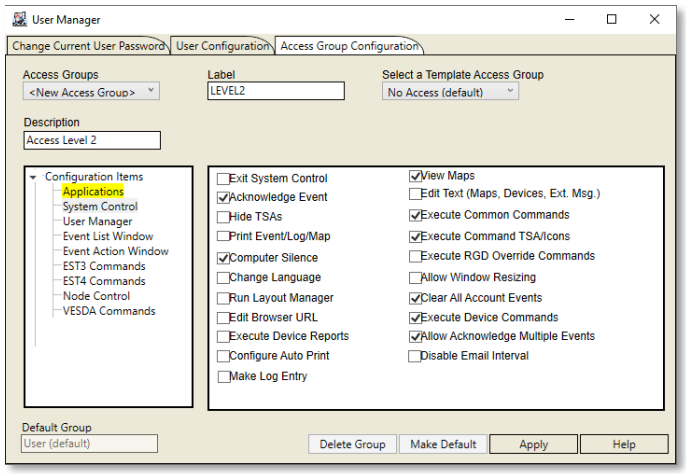
The Level 2 access group's settings are those trained and authorized to operate the graphic annunciator during a fire alarm emergency (e.g., activating common controls, viewing maps, acknowledging events, etc).

To configure a Level 2 access group:

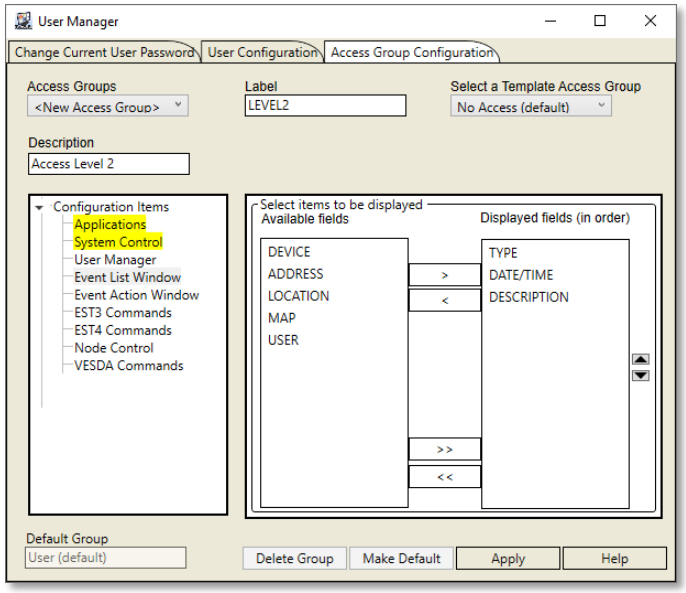
1. On the User Manager > Access Group Configuration tab, create a new access group based off the No Access (default) template. Label the access group: LEVEL2, and then select the Applications configuration options shown below.



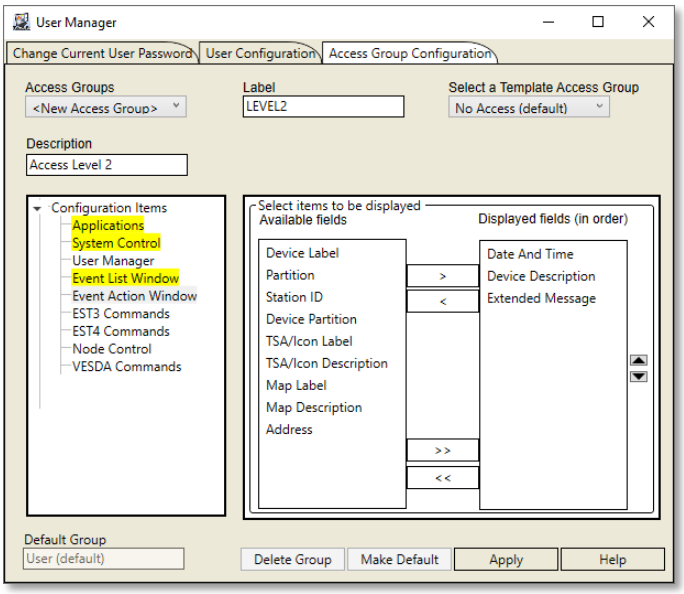
2. Select the System Control configuration options shown below.



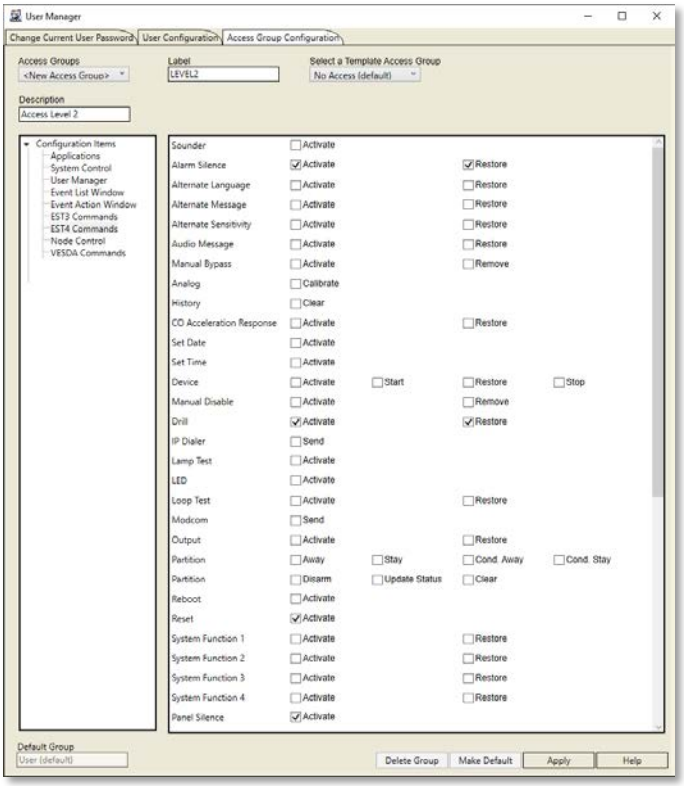
3. Select the Event List Window configuration options shown below.



4. Select the Event Action Window configuration options shown below.



5. Select the EST4 Commands configuration options shown below.

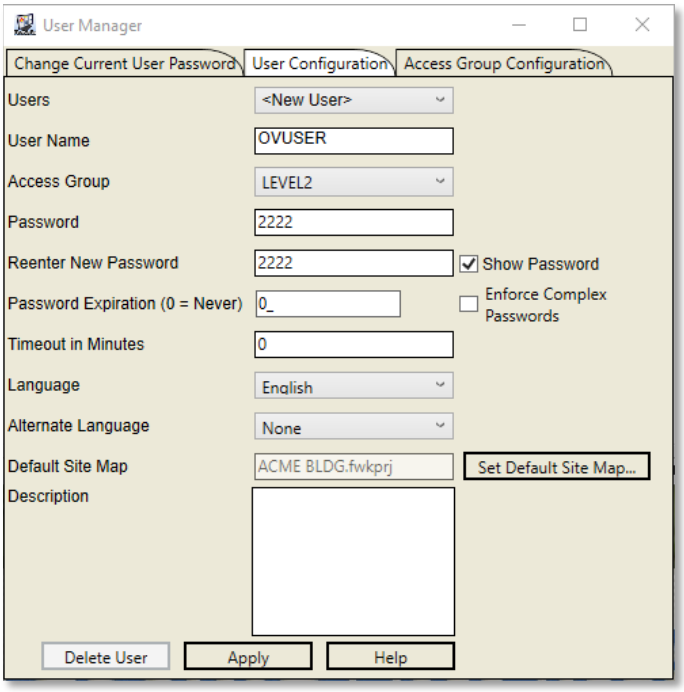


Create a OneView user

The OneView user is someone who is trained and authorized to operate the graphic annunciator during a fire alarm emergency.

To create a OneView user:

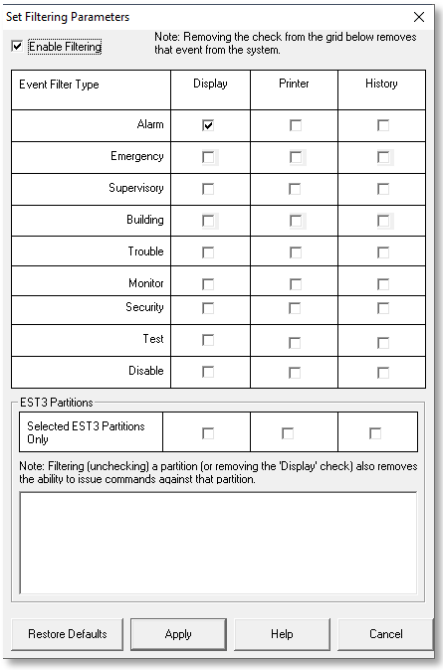
1. On the User Manager > User Configuration tab, create a new user with the settings shown below. Label the user: 0VUSER.



Optimize the Event List window display

1. In System Builder, set the Filtering Parameters options to display only the events you want displayed. For example, select only Alarm events as shown below.

   Note: Your site requirements may be different.



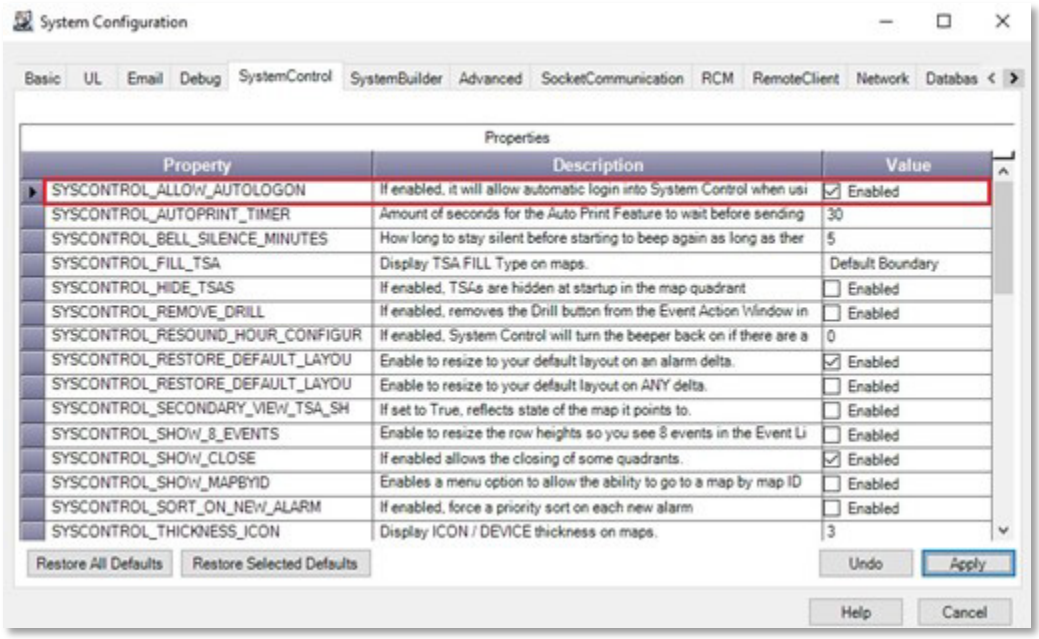
2. In System Configuration, on the System Control tab, enable the SYSCONTROL_SHOW_8_EVENTS property.
3. In System Control, set Local Mode of Operation to Local and the auto-acknowledge time for 1 minute.

Enable the System Control autologon feature

The SYSCONTROL_ALLOW_AUTOLOGON property determines whether automatically logging on to System Control is allowed.

To enable System Control to automatically log on:

1. Start System Builder, and then on the Application menu, click System Configuration.
2. On the SystemControl tab, select the SYSCONTROL_ALLOW_AUTOLOGON property, and then select the Enabled check box



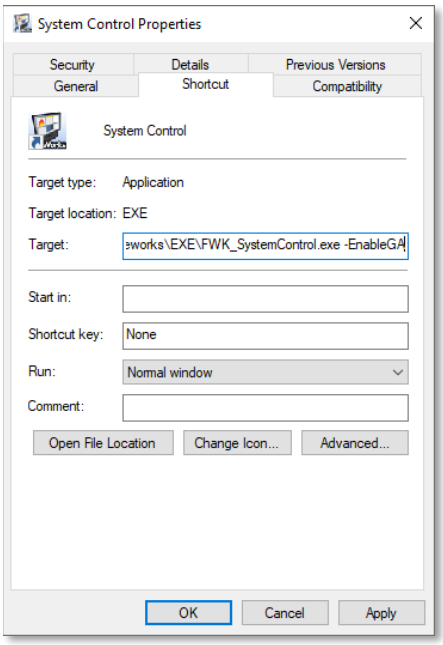
3. Click Apply, and then close System Configuration and System Builder.

Increase TSA visibility on maps

1. In the System Configuration app, on the Basic tab, select the Enable check box for the SHOW_DEVICE_DESCRIPTION_IN_LOCATION property.
2. In the System Configuration app, on the System Control tab, Set the SYSCONTROL_THICKNESS_ICON property for 8.
3. In the System Configuration app, on the System Control tab, Set the SYSCONTROL_THICKNESS_TSA property for 8.

Add the −EnableGA command to the System Control shortcut

1. On the Windows desktop, open the FireWorks shortcut folder, right-click the System Control shortcut, and then click Properties.
2. In the System Control Properties dialog box, in the Target box, replace the current text with this: `C:\Fireworks\EXE\FWK_SystemControl.exe -EnableGA.`



3. Click Apply to save settings, and then click OK.

Pin the on-screen keyboard to the Windows taskbar

Pin the on-screen keyboard to the taskbar for use in case a physical keyboard is not available.

To pin the on-screen keyboard to the Windows taskbar:

1. Click the Windows Start button, and then open the Windows Ease of Access folder.
2. Right-click On-Screen Keyboard, point to More, and then click Pin to Taskbar.

Remove the computer's legal notice

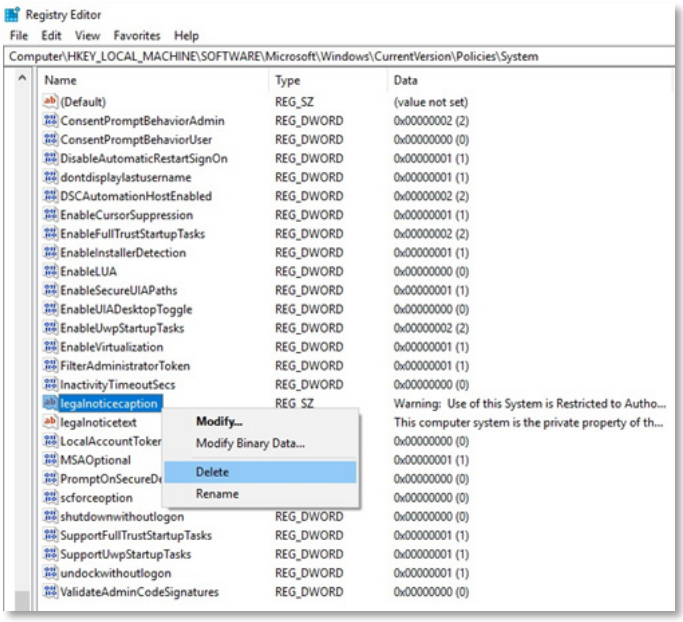
The computer's legal notice interrupts the bootup sequence and requires you to enter a response before continuing. Removing the legal notice requires that you have admin rights to open the registry editor.

To remove the computer's legal notice:

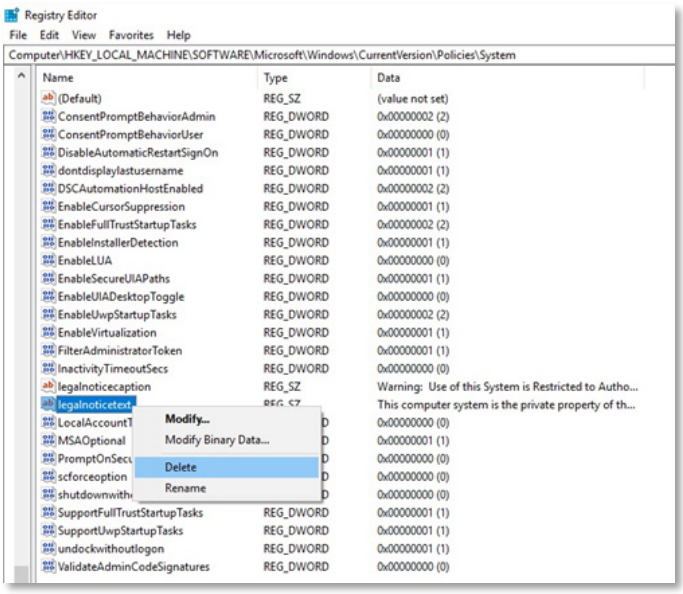
1. Open Registry Editor.

   On the Start menu, under Windows Administrative Tools, right-click Registry Editor, and then click Run as administrator.
2. Select the HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\System folder.

3. Right-click legalnoticecaption, and then click Delete (see below). In this example, the value is named legalnoticecaption. However, it may be named something different on your computer.



4. Right-click legalnoticetext, and then click Delete (see below). In this example, the value is named legalnoticetext. However, it may be named something different on your computer.



5. Close Registry Editor.

Configure the computer to automatically log on to the Windows Administrator user account

By configuring the default Windows logon credentials for the Windows Administrator user account, the computer bypasses the Windows login screen and displays the Windows desktop after it boots up. Configuring default Windows logon credentials requires that you have admin rights to open the registry editor.

To configure default Windows logon credentials:

1. Open Registry Editor.

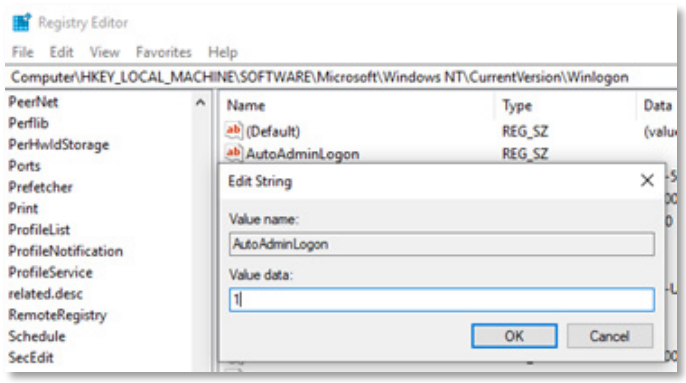
   On the Start menu, under Windows Administrative Tools, right-click Registry Editor, and then click Run as administrator.

2. Select the HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Winlogon folder.

3. On the Edit menu, click New, and then click String Value. Name the new string value: AutoAdminLogon.

   Right-click AutoAdminLogon, and then click Modify.

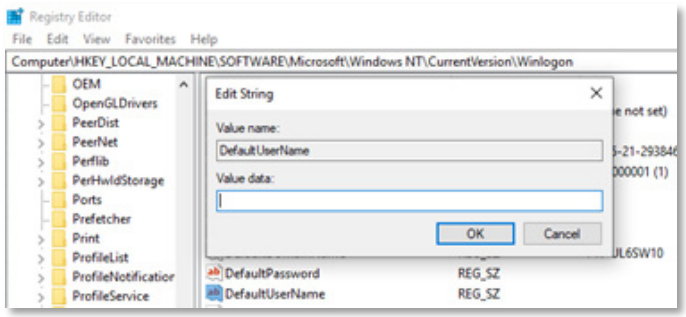
   In the Value Data box, type 1, and then click OK.



4. Right-click DefaultUserName, and then click Modify.

   If a DefaultUserName value doesn't exist, right-click Winlogon, point to New, and then click String Value. Name the new string value: DefaultUserName.

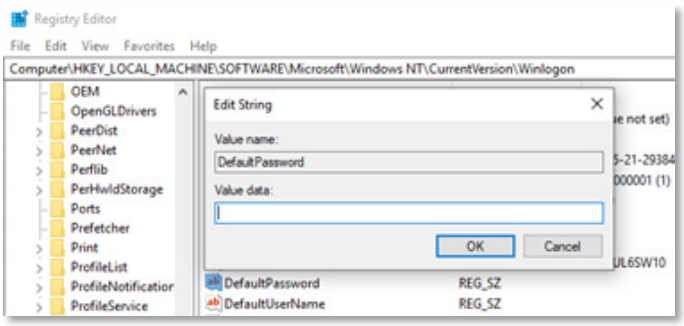
   In the Value Data box, type: `Administrator`, and then click OK.



5. Right-click DefaultPassword, and then click Modify.

   If a DefaultPassword value doesn't exist, right-click Winlogon, point to New, and then click String Value. Name the new value: DefaultPassword.

In the Value Data box, type: ESTFWest12#, and then click OK.



Note: If a DefaultPassword string is not specified, Windows automatically changes the value of AutoAdminLogon from 1 (true) to 0 (false), disabling the AutoAdminLogon feature.

6. Close Registry Editor.
7. Restart your computer. Verify that you automatically log on to the Windows desktop

   If you are not able to automatically log on to the Windows desktop, do not proceed until you verify all previous steps were followed correctly.

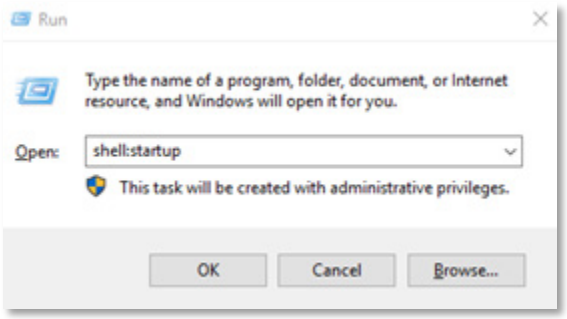
Configure FireWorks to automatically start System Control and log on as the OneView user

By configuring FireWorks to automatically start System Control, you won't have to manually start System Control and enter login credentials after Windows boots up.

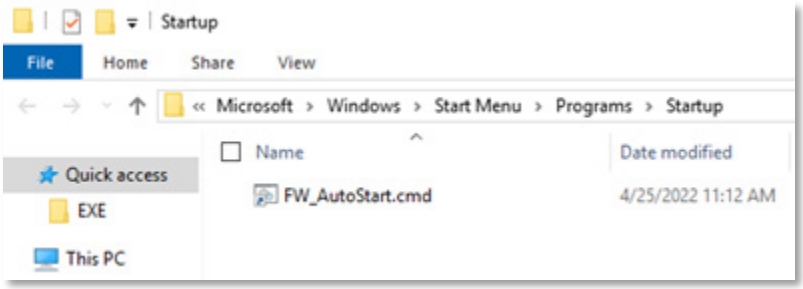
To configure Fireworks to automatically start System Control and log on as the OneView user:

1. Right-click the Windows Start button, and then click Run.

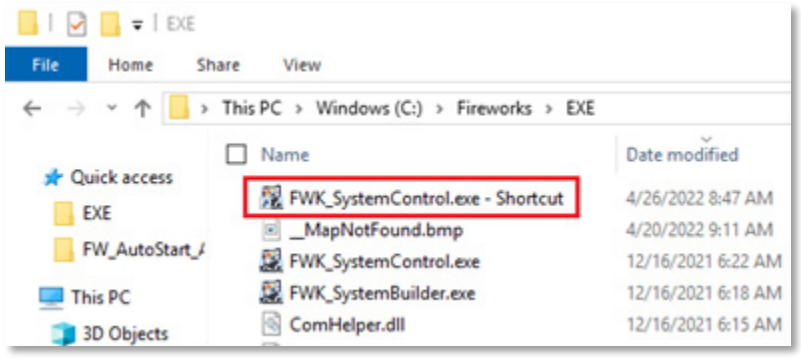
   In the textbox, type: shell:startup, and then click OK to open the Windows Startup folder.



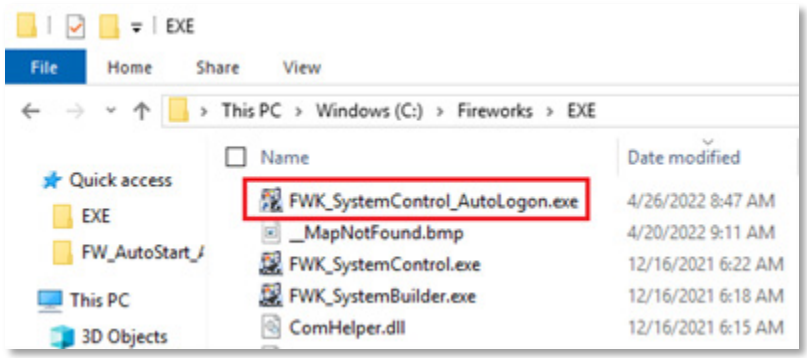
2. Open the C:\Fireworks\Tools folder, copy FW_AutoStart.cmd, and then paste it into the Startup folder.



3. Open the C:\Fireworks\EXE folder, right-click FWK_SystemControl.exe, and then click Create Shortcut.

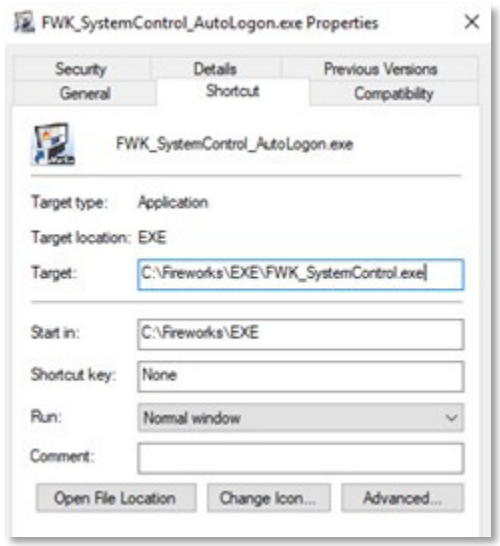


4. Rename the System Control shortcut to: FWK_SystemControl_AutoLogon.exe



Note: For the FW_AutoStart.cmd script to function, FWK_SystemControl_AutoLogon.exe must be in the C:\Fireworks\EXE folder and spelled exactly as shown.

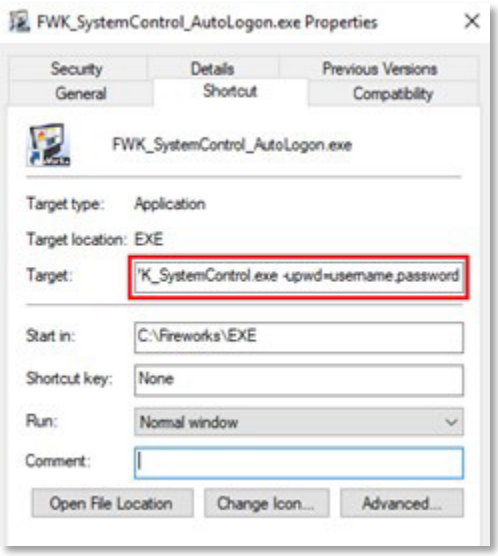
5. Right-click FWK_SystemControl_AutoLogon.exe, and then click Properties.



6. In the Target box, add the following string after C:\Fireworks\EXE\FWK_SystemControl.exe:
   `-upwd=username,password`

   Where:

   - username is: 0VUSER
   - password is: 2222



   The username and password entries in the System Control shortcut's Target text box must be correct and tested otherwise the login pop up window will always come up prompting the user for their Fireworks login credentials.

7. Click Apply and restart the computer.

   Windows should log in automatically, Fireworks System Control should start and login automatically.

Add important information about the facility

1. Using any text editor or word processing app to create the following documents:
   - Facility Information – Provides information about the facility, such as: date system was commissioned, fire panel locations, shutoff equipment locations, etc. For an example, open C:\Fireworks\System\OneView_FacilityInformation.pdf.
   - Contact Information – Provides a list of contacts, such as: building owner, building engineer, etc. For an example, open C:\Fireworks\System\OneView_ContactInformation.pdf.
   - Additional Information – Provides information that doesn't' necessarily belong with Facility Information or Contact Information. For an example, open C:\Fireworks\System\OneView_AdditionalInformation.pdf.
2. Save the documents as a PDF in the C:\Fireworks\System folder with the file names shown above.

Visual aids for First Responders

First Responders will come into the building seeking information as fast as possible, some of the suggestions below, will help in delivering fats information during an emergency.

Labeling floor maps

In case the floor plans were not created with big labels describing the floors of the building, follow the steps below to add them in as Text on the map:

1. Open System Builder, then open Map Browser.
2. In Map Browser, click on the Text button, then click the desired place to drop the text within the map.
3. A New Text window will open, enter the Caption/Label, select the Color, and change the font by clicking the Font button.
4. Click OK to accept the changes.
5. Once the text is dropped on the map, right click on the text and select Nudge text/Move text to adjust the placement.

You Are Here label on map

To add clarity in the map and for understanding of first responders a “You are Here” label on the map is highly suggested. The “You are Here” label is meant to signal the location of the FireWorks OneView graphic annunciator within the building. This can be done during the map creation process or added to current maps, the process for this can vary greatly and depending on formats used on site.

Hide the Windows taskbar

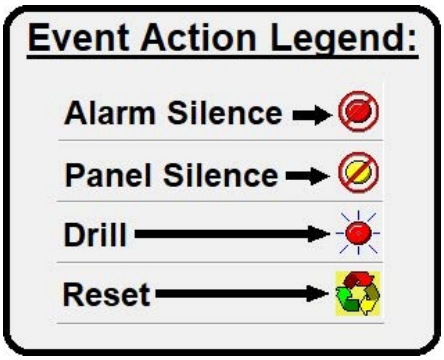
The Windows Taskbar takes up some of the Graphical Annunciator’s screen space that could be used for larger maps or clearer picture. This also helps in removing from the screen unnecessary UI elements that are unrelated to FireWorks OneView operation.

To remove the Windows Taskbar, follow the instructions below:

1. Click the Windows button and select the Settings to open the Setting window.
2. In the Setting window, select Personalization, then select Taskbar on the left-hand side navigational menu.
3. On the Taskbar window, look for "Automatically hide the taskbar in desktop mode” and click the switch to turn it ON.
4. On the Taskbar window, look for "Automatically hide the taskbar in tablet mode” and click the switch to turn it ON.

Adding an Event Action Window button legend

The Event Action window has buttons that are not labeled, which could create confusion for first responders. To alleviate that possibility, add a legend like the one shown below to your maps.



Troubleshooting

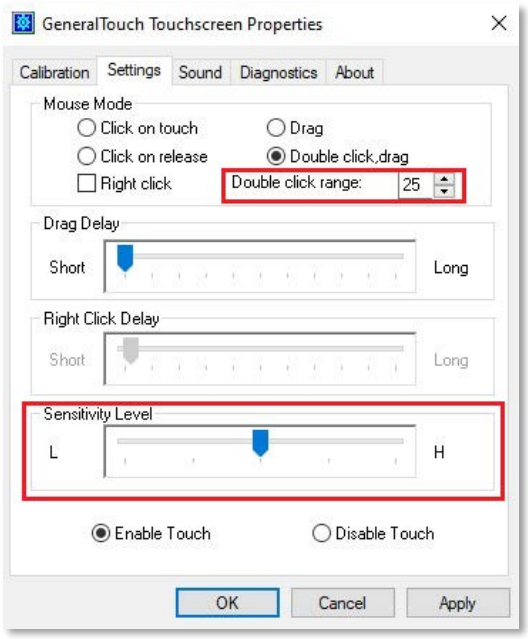
Touch screen issues

If the touch screen is not as responsive as you would like, try the following:

1. Open Control Panel, select View by: Large icons, and then click GeneralTouch Touchscreen.
2. On the GeneralTouch Touchscreen Properties dialog box, select the Settings tab, and then do the following:

   Set Double click range for 25. Adjust this value higher value if the touch screen requires taps to be more precise.

   Set Sensitivity Level to the middle setting. Adjust this value higher if the touch screen requires taps to be more sensitive.



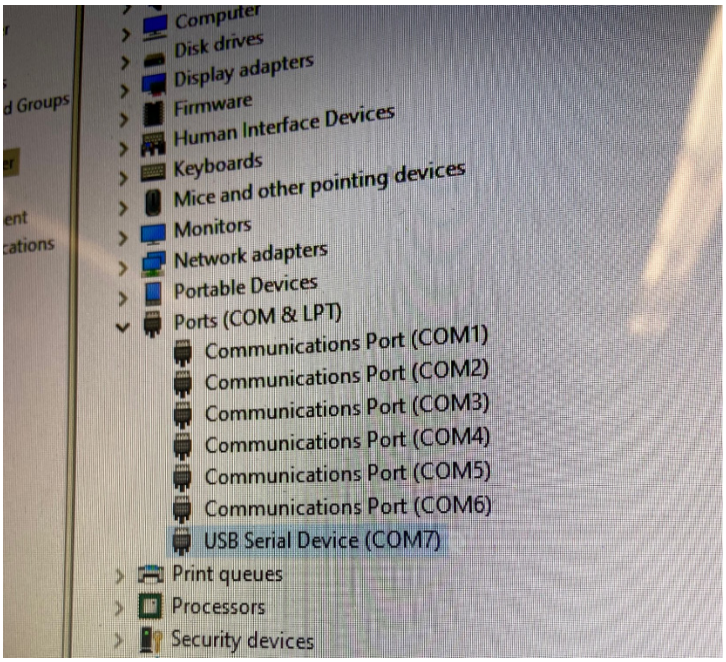
3. Click Apply to save settings, and then click OK.

Watchdog card issues

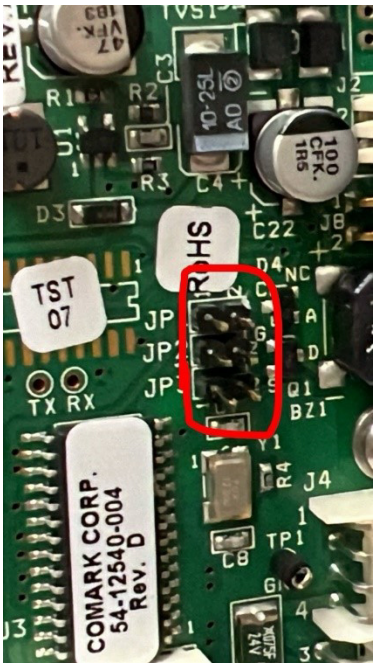
The Watch Dog card communicates with FireWorks via an internal serial USB connection. If you are having any issues, check the following:

- Verify the correct watchdog card was added in System Builder.

- Go to Device Manager and verify that the “USB Serial Device” shows up as COM7. If it doesn’t, please contact support.



- Verify the jumper on JP3 of the watchdog card is not missing.



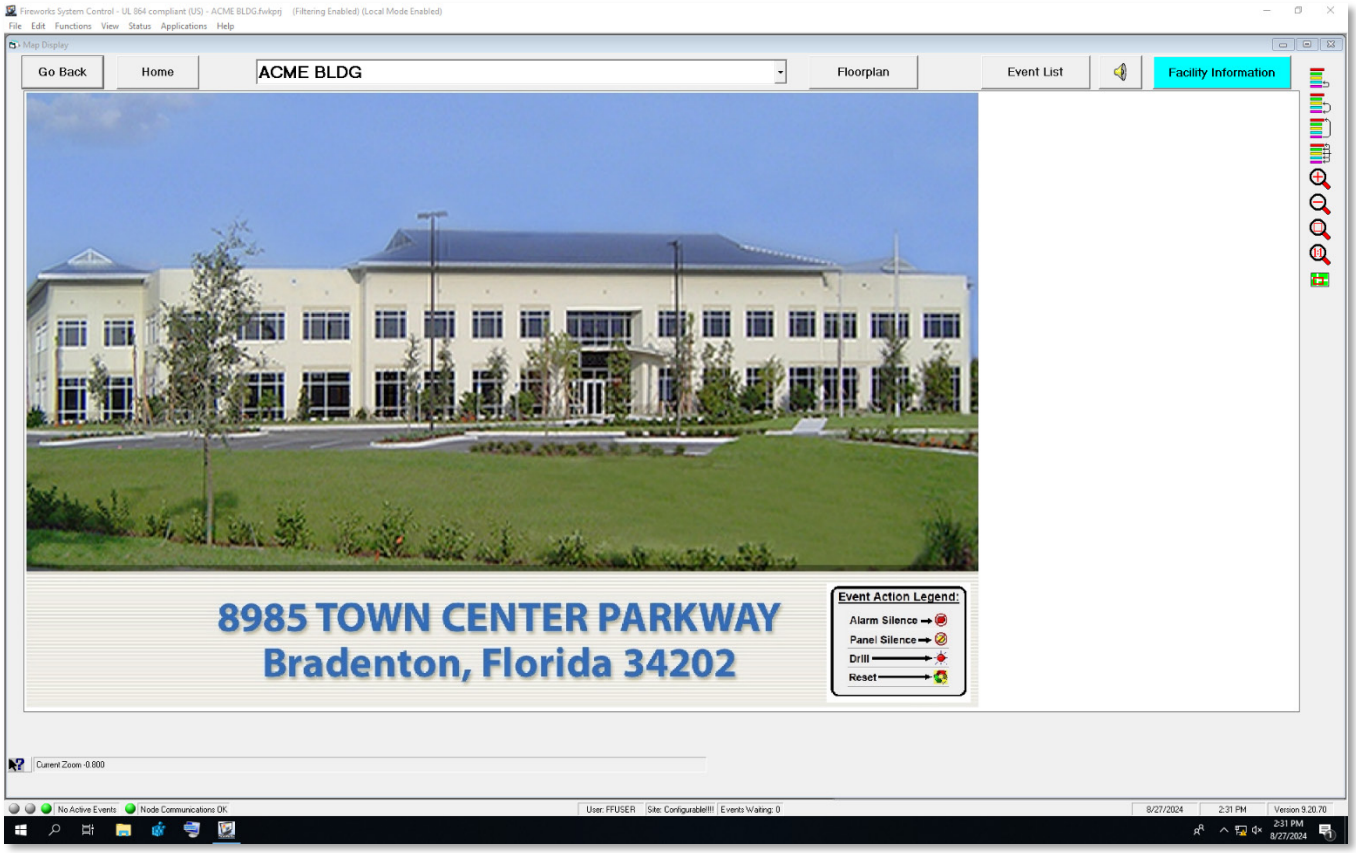
Operating the OneView User Interface

Map view

FireWorks OneView's Map view provides the standard FireWorks controls and indicators with the following additional buttons:

- **Go Back:** Tap to go to the previous map
- **Home:** Tap to go to the site map
- **Floorplan:** Tap to view the map tree to select a map
- **Event List:** Tap to go to Event List view.
- **Workstation Silence:** Tap to silence the graphic annunciator's operator alert buzzer
- **Facility Information:** Tap to view important information about the facility

Figure 13: Map view



Event List view

FireWorks OneView's Event List view provides the standard FireWorks controls and indicators with the following additional buttons:

- **Return to Map:** Tap this button to return to Map view

Figure 14: Event List view