



RESCUELOGIC[®]
SOFTWARE BY **CADGRAPHICS**[®]

SYSTEM WATCH

A HANDBOOK FOR GUARDS, DISPATCHERS, AND FIRST RESPONDERS

RescueLogic® System Watch

A Handbook for Guards, Dispatchers, and First Responders



Cadgraphics Incorporated

Makers of RescueLogic Software for Fire and Security Systems

“Safety Made Simple”

PO Box 11737
St. Paul, MN 55111-0737

Website: www.rescuelogic.com
Email: info@rescuelogic.com
Phone: (612) 722-3233

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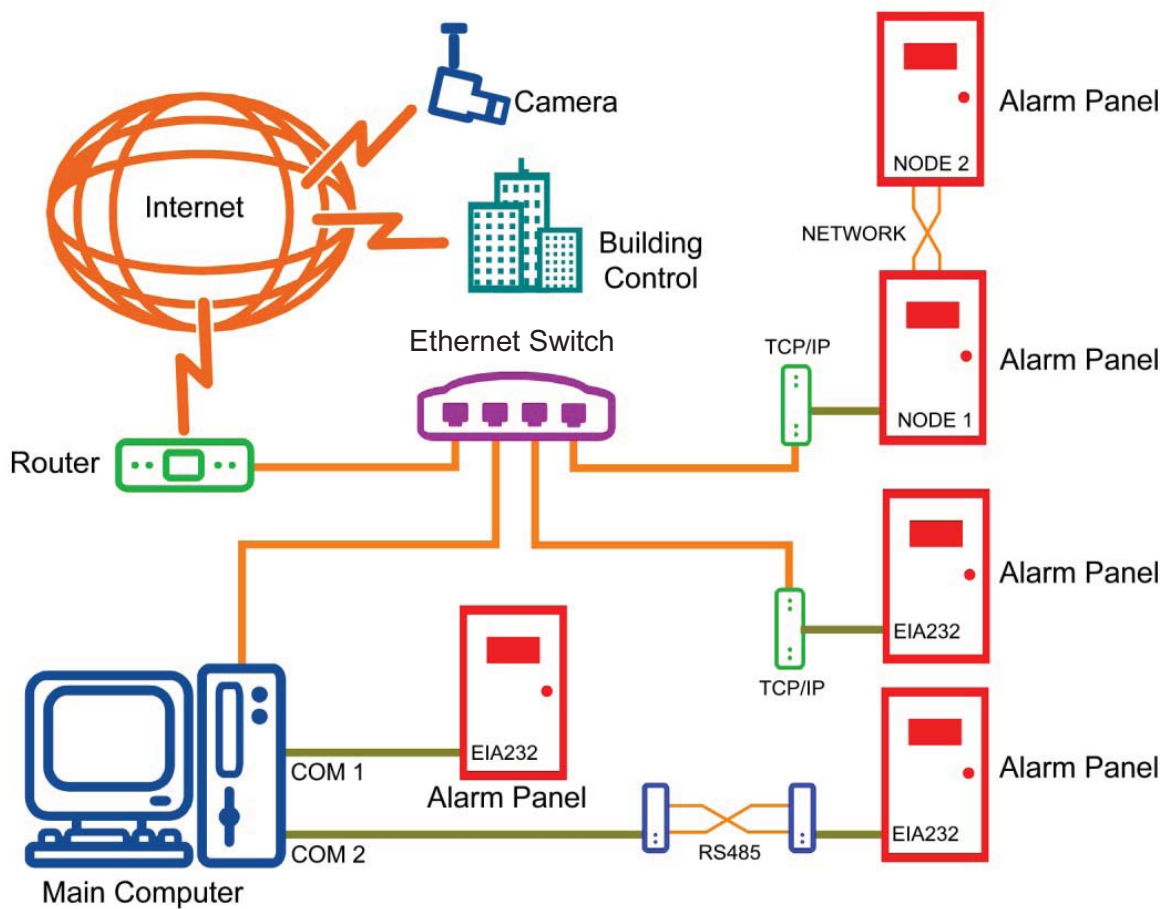
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What Is System Watch?

RescueLogic's System Watch software tracks the status of every fire alarm and security device on your site, and immediately alerts you to alarms and malfunctions. System Watch also makes it easy to find pinpoint alarm locations on floor plans and get emergency instructions.

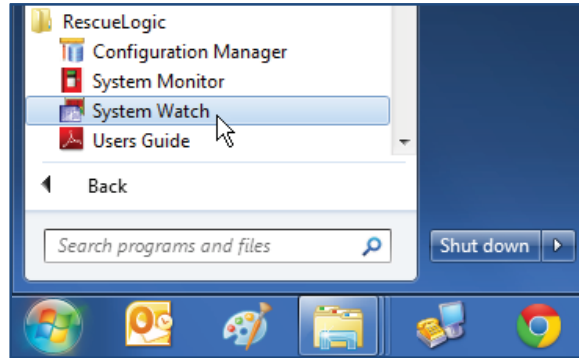
A Typical System Watch Setup

Here is a typical RescueLogic installation that includes five alarm panels connected to a computer network. The system is also connected to closed-circuit security cameras and building controls like the heating, ventilation, and air conditioning system.

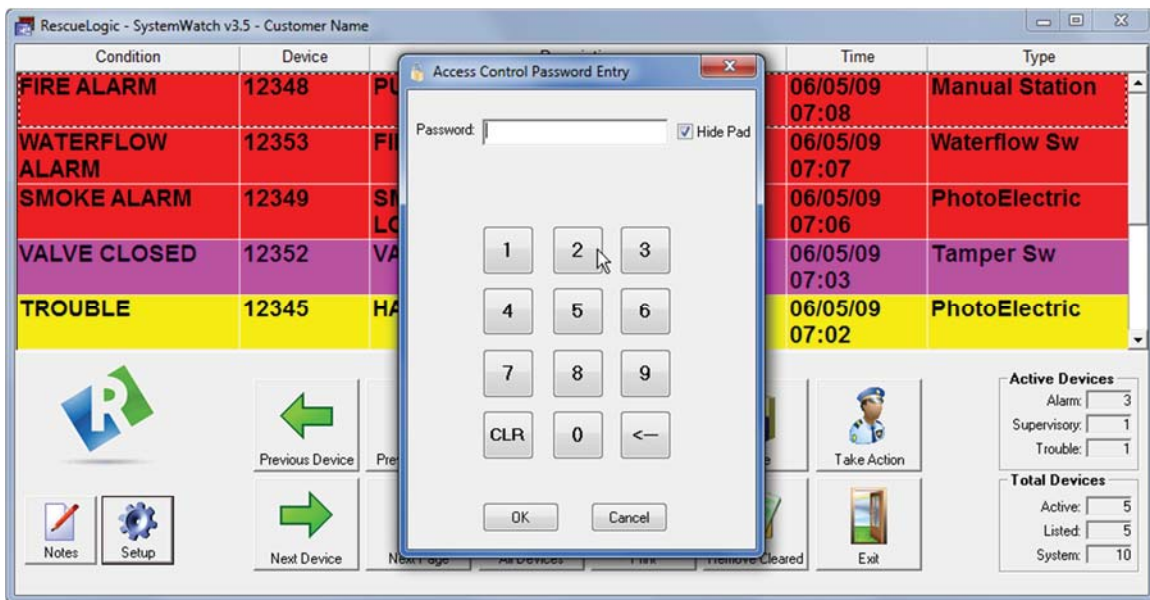


Starting System Watch

System Watch is designed to run continuously on a dedicated computer. If it's not running, turn it on. Just click on the Windows "Start" button in the lower left-hand corner of your screen. You'll see a program group called "RescueLogic." Open the program group and click "System Watch."

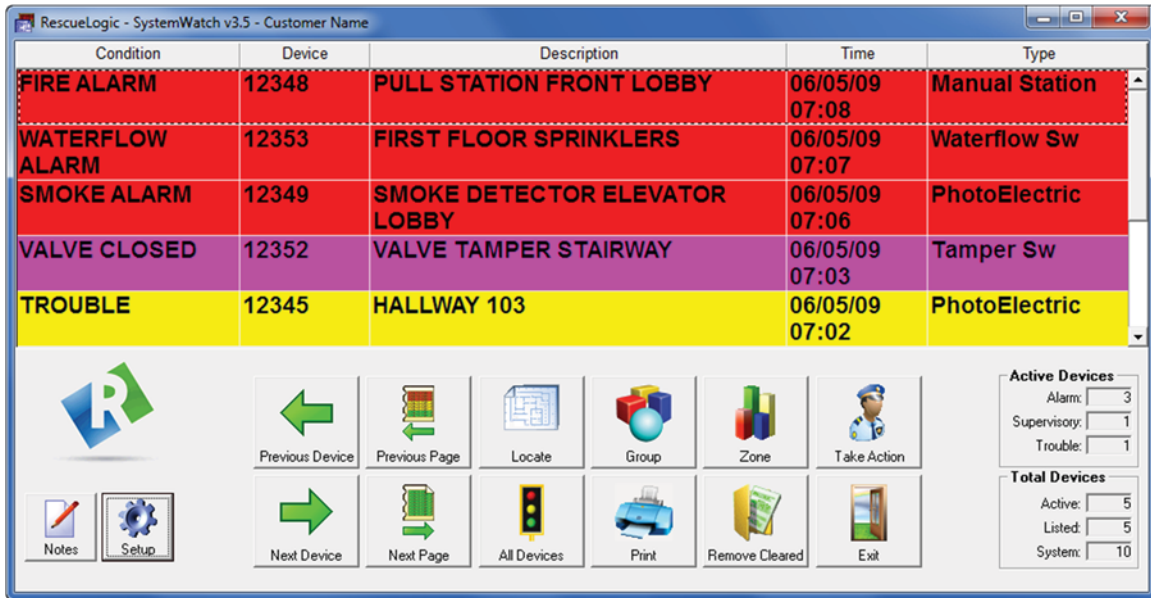


Note: When you close the program, you will be asked for a password. Until your system administrator changes it, the default password is the numeral "2."



The System Watch List

The System Watch list shows every alarm and device in your RescueLogic system. One “current” alarm is always the focus of attention. Alarms are sorted by priority and time; the newest reports of alarms or trouble conditions are at the top of the list.



The screenshot shows the RescueLogic SystemWatch v3.5 interface. The main window displays a table of alarms with the following data:

Condition	Device	Description	Time	Type
FIRE ALARM	12348	PULL STATION FRONT LOBBY	06/05/09 07:08	Manual Station
WATERFLOW ALARM	12353	FIRST FLOOR SPRINKLERS	06/05/09 07:07	Waterflow Sw
SMOKE ALARM	12349	SMOKE DETECTOR ELEVATOR LOBBY	06/05/09 07:06	PhotoElectric
VALVE CLOSED	12352	VALVE TAMPER STAIRWAY	06/05/09 07:03	Tamper Sw
TRouble	12345	HALLWAY 103	06/05/09 07:02	PhotoElectric

Below the table is a control panel with various icons and a summary section. The summary section shows:

Active Devices	
Alarm:	3
Supervisory:	1
Trouble:	1

Total Devices	
Active:	5
Listed:	5
System:	10

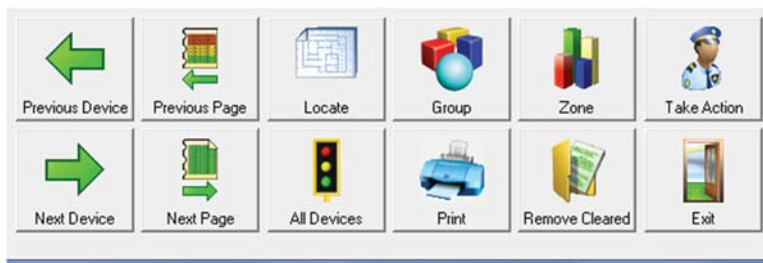
Color Coding

The System Watch screens are color coded, so you can see the status of every alarm and device at a glance. Most users follow an intuitive color scheme:

- **Red: High-Priority Alarm**
- **Violet: Tamper Switches, Firefighter's Phones**
- **Blue: Security, Abort, Nurse Call**
- **Yellow: Trouble or Fault Condition**
- **Green: Normal**

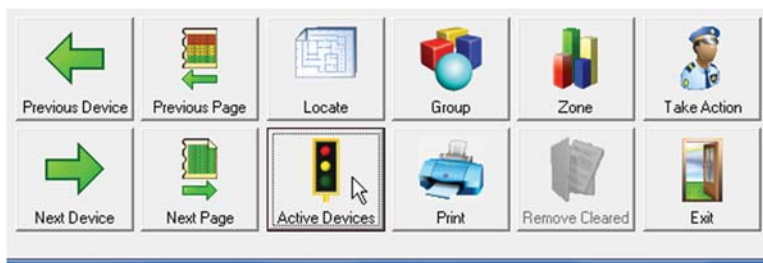
Push-Button Navigation

The System Watch interface also includes navigational buttons at the bottom of the screen. The buttons are intuitive, with clear, easy-to-understand icons. There are no drop-down menus in System Watch, because they could hide on-screen information that could be crucial in an emergency.



Active Devices

When you are looking at the System Watch list, you can toggle between two modes: "Active" and "All."



The active list shows the devices that require attention, either because they are malfunctioning or because they're in alarm. Click the "Active" button to see the devices that need attention.

Condition	Device	Description	Time	Type
FIRE ALARM	12348	PULL STATION FRONT LOBBY	06/05/09 07:08	Manual Station
WATERFLOW ALARM	12353	FIRST FLOOR SPRINKLERS	06/05/09 07:07	Waterflow Sw
SMOKE ALARM	12349	SMOKE DETECTOR ELEVATOR LOBBY	06/05/09 07:06	PhotoElectric
VALVE CLOSED	12352	VALVE TAMPER STAIRWAY	06/05/09 07:03	Tamper Sw
TROUBLE	12345	HALLWAY 103	06/05/09 07:02	PhotoElectric

Navigation buttons: Previous Device, Previous Page, Locate, Group, Zone, Take Action, Next Device, Next Page, **All Devices**, Print, Remove Cleared, Exit.

Active Devices Summary:
Alarm: 3
Supervisory: 1
Trouble: 1

Total Devices Summary:
Active: 5
Listed: 5
System: 10

See All Devices

When all devices are in normal condition, the active list will be empty and the screen will either be gray or show a "System Normal" screensaver image.

To see a list of every device in a system, click "All Devices." Those that are in normal mode will be listed in green. You can click the "All Devices" and "Active Devices" button to toggle back and forth between the two screens.

Condition	Device	Description	Time	Type
Normal	System Monitor	Cadgraphics Communication with System Monitor		Cadgraphics
TRouble	12345	HALLWAY 103	06/05/09 07:02	PhotoElectric
Normal	12346	HEAT DETECTOR W MECH ROOM		Heat Detector
FIRE ALARM	12348	PULL STATION FRONT LOBBY	06/05/09 07:08	Manual Station
SMOKE ALARM	12349	SMOKE DETECTOR ELEVATOR LOBBY	06/05/09 07:06	PhotoElectric

Control Panel:

- Notes
- Setup
- Previous Device
- Previous Page
- Locate
- Group
- Zone
- Take Action
- Next Device
- Next Page
- Active Devices
- Print
- Remove Cleared
- Exit

Active Devices Summary:

- Alarm: 3
- Supervisory: 1
- Trouble: 1

Total Devices Summary:

- Active: 5
- Listed: 10
- System: 10

Locate Devices

When you highlight any device in a list and click the "Locate" button, you will see it on a map or floor plan of your site. You can also double-click on any device in the list to locate it on a background map or floor plan.

Condition	Device	Description	Time	Type
FIRE ALARM	12348	PULL STATION FRONT LOBBY	06/05/09 07:08	Manual Station
WATERFLOW ALARM	12353	FIRST FLOOR SPRINKLERS	06/05/09 07:07	Waterflow Sw
SMOKE ALARM	12349	SMOKE DETECTOR ELEVATOR LOBBY	06/05/09 07:06	PhotoElectric
VALVE CLOSED	12352	VALVE TAMPER STAIRWAY	06/05/09 07:03	Tamper Sw
TRouble	12345	HALLWAY 103	06/05/09 07:02	PhotoElectric

Control Panel:

- Notes
- Setup
- Previous Device
- Previous Page
- Locate
- Group
- Zone
- Take Action
- Next Device
- Next Page
- All Devices
- Print
- Remove Cleared
- Exit

Active Devices Summary:

- Alarm: 3
- Supervisory: 1
- Trouble: 1

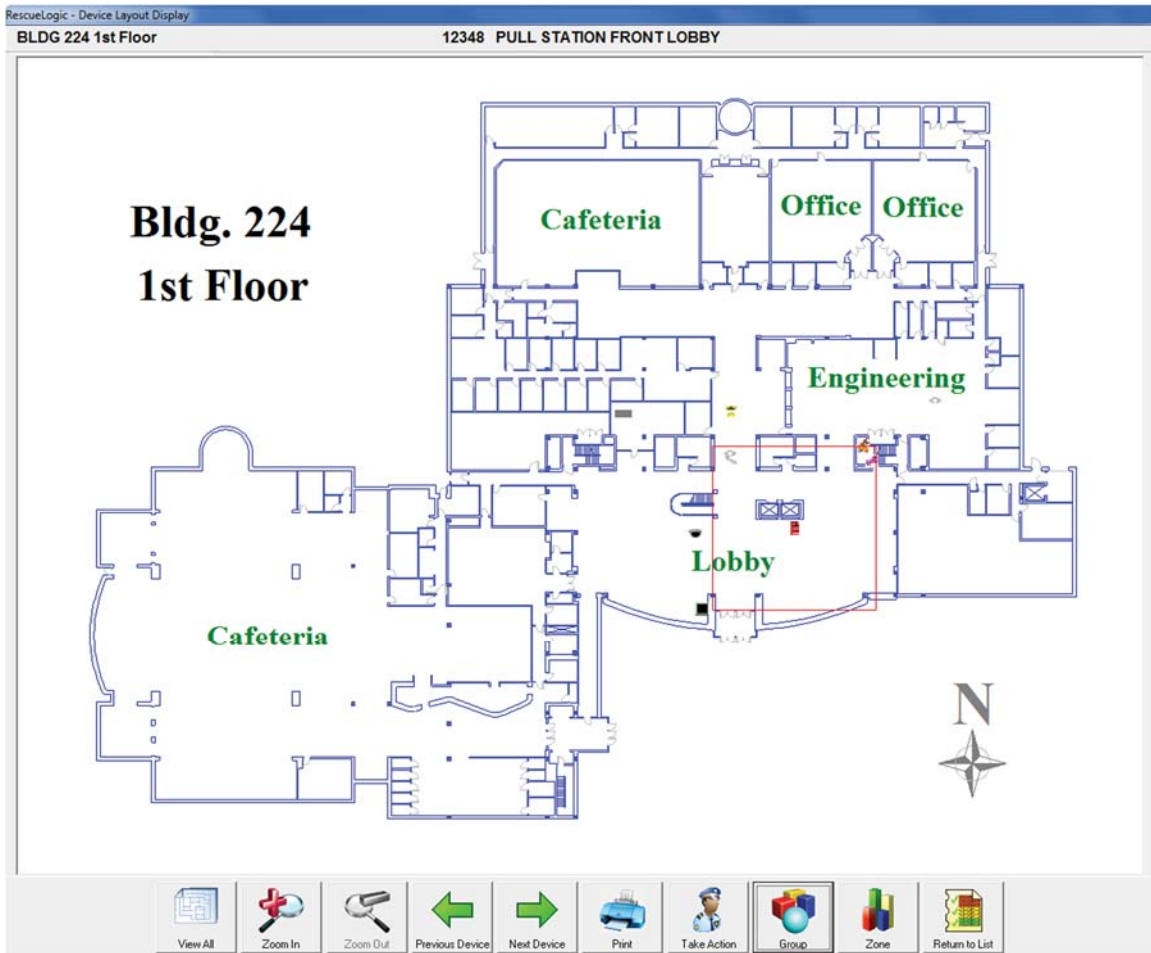
Total Devices Summary:

- Active: 5
- Listed: 5
- System: 10

Locate Maps and Floor Plans

When you click "Locate," you will automatically switch from the list view to the graphics window with maps and floor plans of your site.

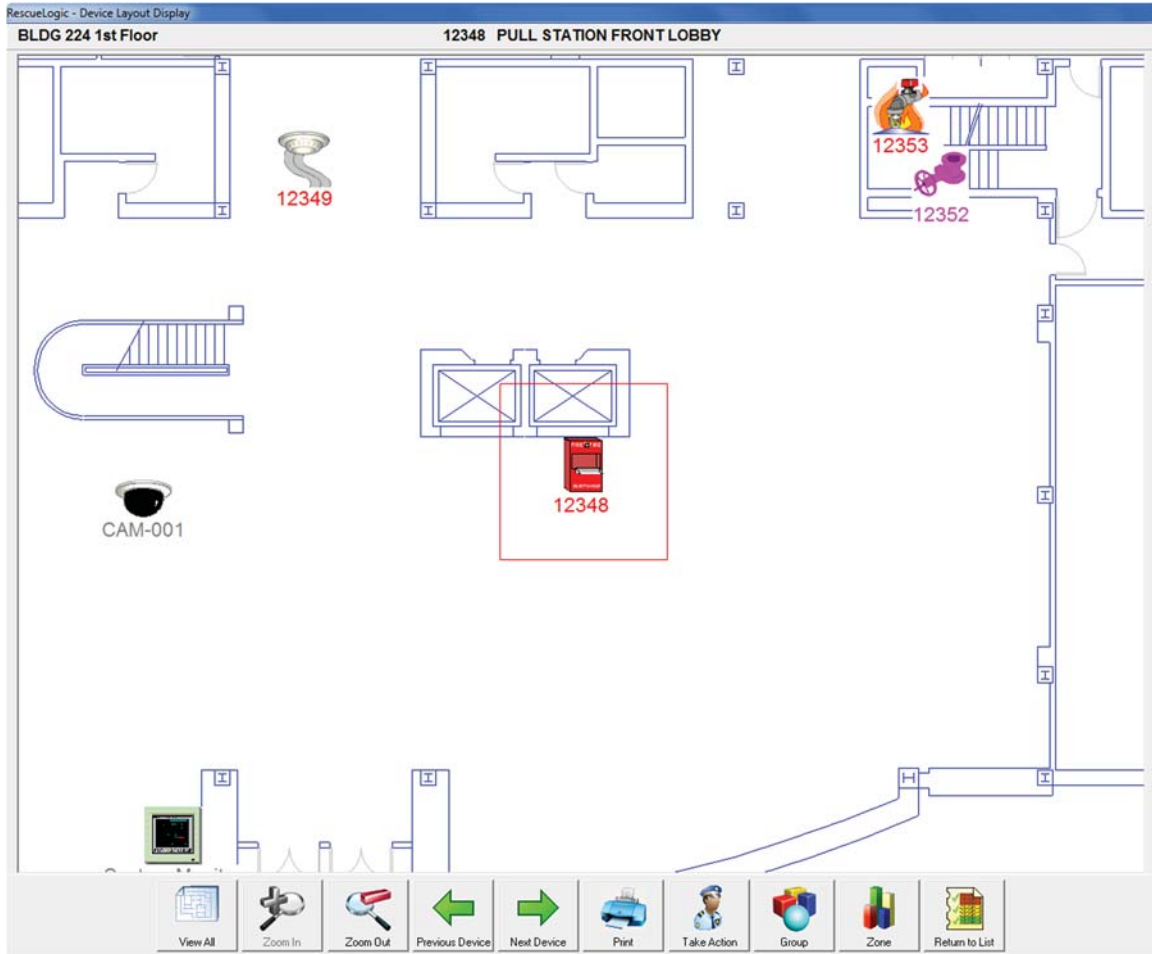
A blinking box will surround the device that was highlighted in the list.



Zoom In and Zoom Out

You can click the “Zoom In” button for a closer look, or “Zoom Out” to see more of the floor plan. You can also click “View All” at any time to see the full floor plan.

Once you have zoomed in as much as possible, the “Zoom In” button will be grayed out.



View All



Click “View All” to display the full floor plan again.

Previous Device and Next Device



Use the “Previous Device” and “Next Device” buttons to review the current state of each alarm in the System Watch list. You can also click each device in the list, or use the arrow bar to move through the list.

The “Previous Device” and “Next Device” buttons are also used on the “Layout Background” screen to highlight each alarm with a blinking box. The “Current Device” is displayed at the top of the screen.

Once you have returned to the list, you can click “Previous Device” and “Next Device” to continue working your way through alarms and devices that need attention.

Print

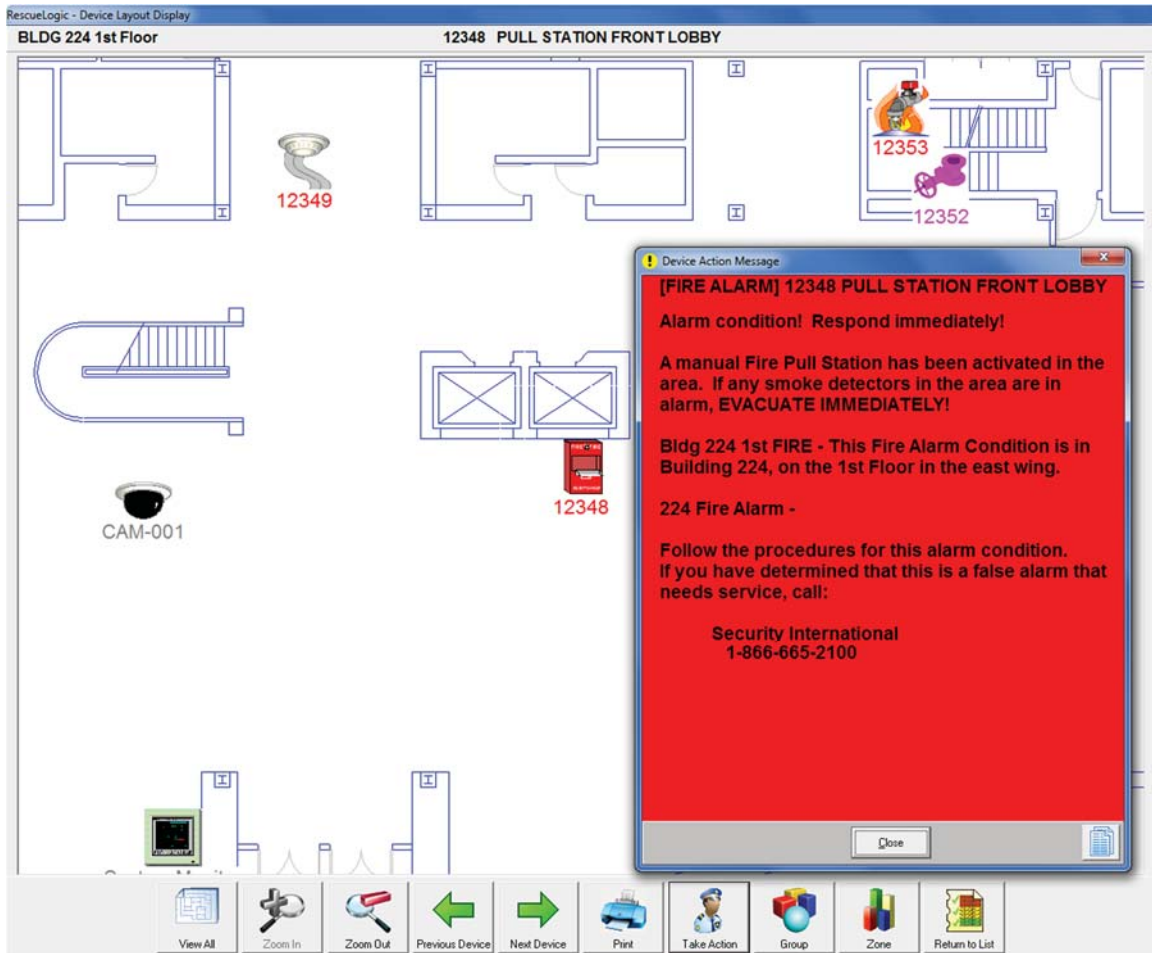


The “Print” button will send the information on the screen to your printer.

Take Action Messages

Whenever devices go into trouble or alarm, they will automatically appear on the RescueLogic monitor, either on the System Watch list or on a floor plan.

Click the “Take Action” button or click on any active device to see a customized “Take Action” message.



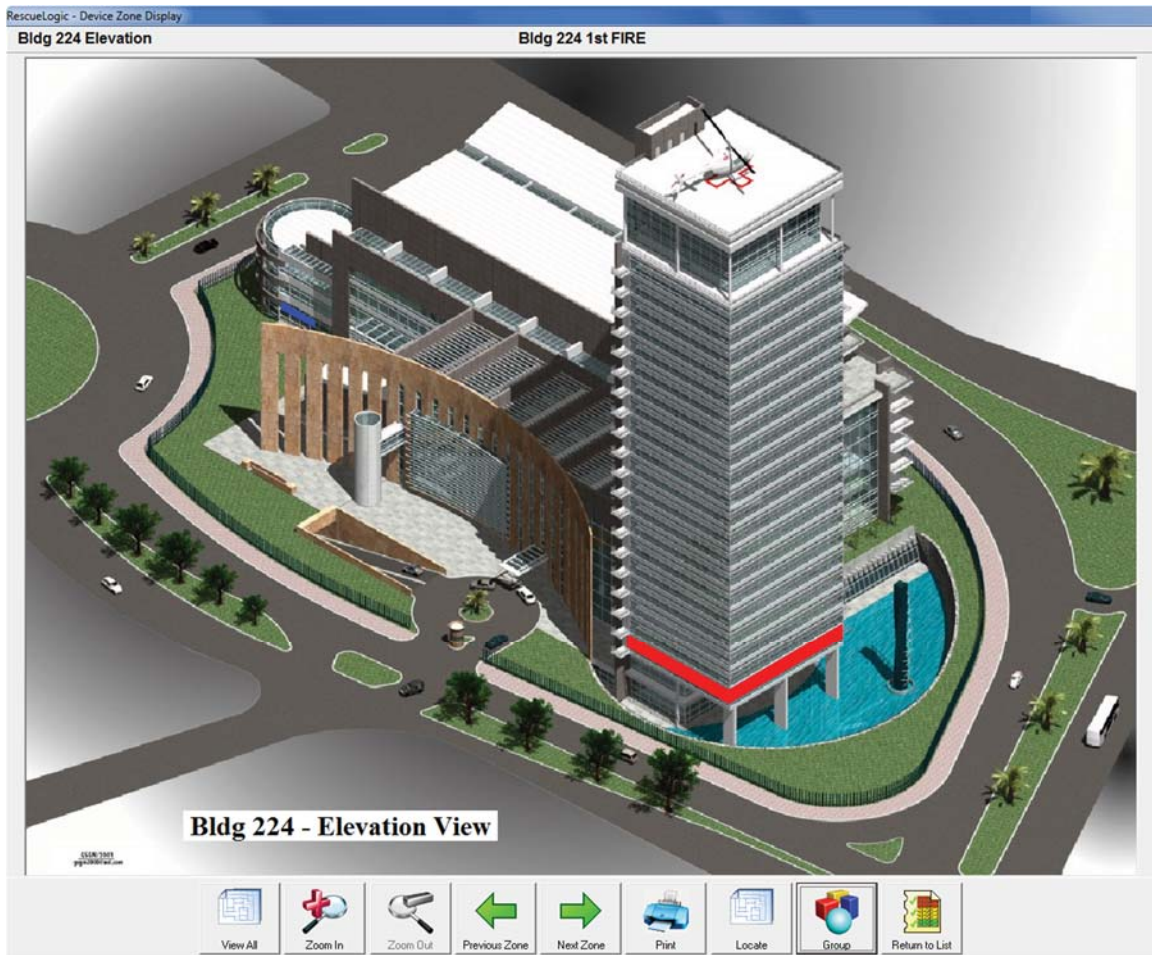
“Take Action” messages explain each alarm and give specific emergency instructions.

When you are done with the instructions, click the “Close” button at the bottom of the window.

Groups and Zones of Related Devices

Use the “Zone” button to view zones of related devices, usually within a specific area like a single floor or a wing of a building. The System Watch displays the zone name for each device.

Use the “Group” button to view groups of similar or related devices, usually by a category of device type, like fire alarms or smoke detectors. The System Watch displays the group name for each device.



Return to List

After viewing the graphics, return to the color-coded System Watch list by clicking “Return to List.”

The screenshot shows the RescueLogic SystemWatch v3.5 interface. The main window displays a table of alarms with the following data:

Condition	Device	Description	Time	Type
FIRE ALARM	12348	PULL STATION FRONT LOBBY	06/05/09 07:08	Manual Station
WATERFLOW ALARM	12353	FIRST FLOOR SPRINKLERS	06/05/09 07:07	Waterflow Sw
SMOKE ALARM	12349	SMOKE DETECTOR ELEVATOR LOBBY	06/05/09 07:06	PhotoElectric
VALVE CLOSED	12352	VALVE TAMPER STAIRWAY	06/05/09 07:03	Tamper Sw
TROUBLE	12345	HALLWAY 103	06/05/09 07:02	PhotoElectric

Below the table is a control panel with various icons and buttons. On the right side, there are two summary sections:

Active Devices

- Alarm: 3
- Supervisory: 1
- Trouble: 1

Total Devices

- Active: 5
- Listed: 5
- System: 10

Previous Page and Next Page

This image is a close-up of the control panel from the previous screenshot. The 'Previous Page' button, which features a green arrow pointing left and a document icon, is highlighted with a mouse cursor. Other buttons visible include 'Previous Device', 'Next Device', 'Next Page', 'All Devices', 'Print', 'Remove Cleared', and 'Exit'.

Use the “Previous Page” and “Next Page” buttons to page quickly through the list. If you are viewing all devices, you will see every alarm and device in the system.

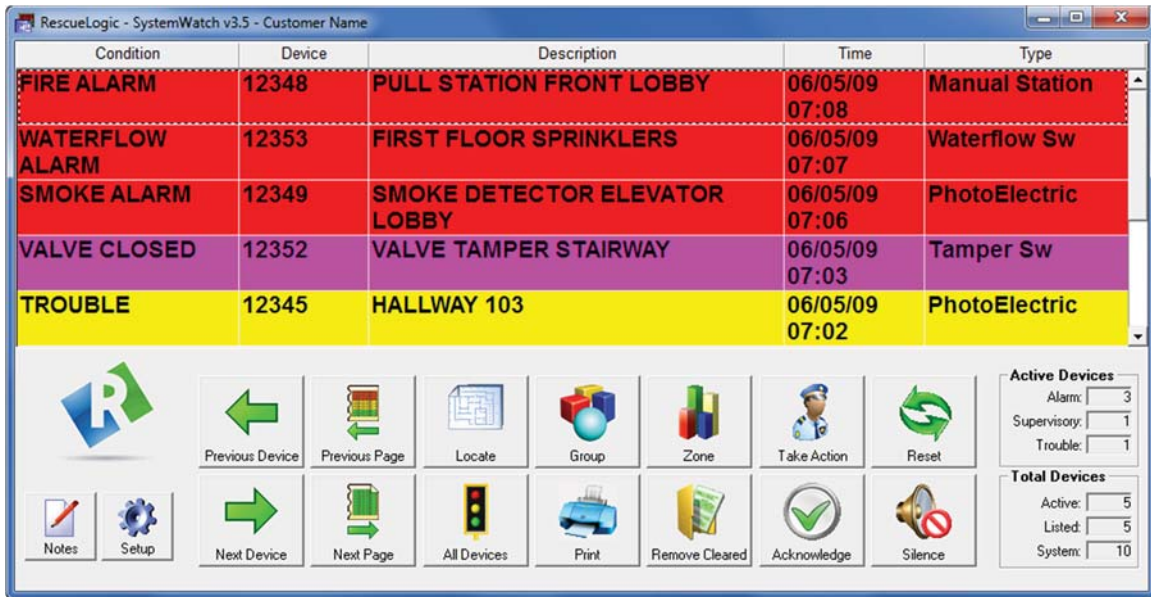
Remove Cleared Devices

When devices malfunction or go into alarm, they will stay on the System Watch active list — even after they are restored to normal — until you click the “Remove Cleared” button.

The fact that an alarm stays in the system until you click “Remove Cleared” gives you time to investigate a situation, even if an alarm automatically clears itself from the system. Cleared alarms change to green and the condition column changes to reflect the current status.

Optional Features: Acknowledge, Silence, and Reset

Your system administrator may have included the following optional features in your System Watch program.



Acknowledge Alarms

The “Acknowledge” button allows you to acknowledge that you have received a message from a system. Typically, clicking the “Acknowledge” button will silence the internal beeper in a panel that is reporting trouble or alarm. If you have set RescueLogic to play a continuous audible alert, the “Acknowledge” button will silence your RescueLogic system, too. The “Acknowledge” button is optional.

Silence Alarm Sounds

The “Silence” button sends a signal to the fire alarm system. That signal lets you turn off alarm horns, so that you could stop a building evacuation. (The “Silence” button might also turn off strobe lights.) On some systems, clicking the “Silence” button a second time will reinstate an evacuation signal. The “Silence” button is optional.

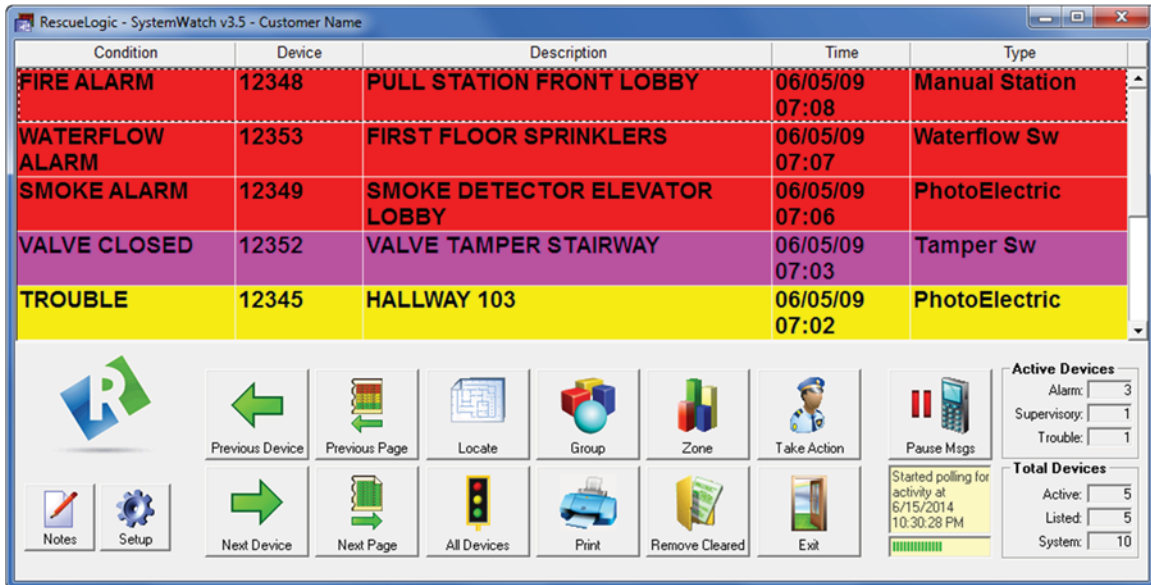
Reset the System

After an alarm, the “Reset” button will send a signal to the fire alarm system and restore the system to its normal monitoring state. The “Reset” button is optional.

Important Note: The “Silence” and “Reset” features of fire alarm systems can put people and property in danger. In particular, the “Silence” button will turn off alarms, which could keep people in the path of a fire or seem to indicate they should go back into a burning building. The “Reset” button can turn fans on, keep elevators in operation, and open fire doors. Obviously, the “Silence” and “Reset” features are not intended to be used from a remote monitoring station, and doing so could violate code regulations. If you are not physically in a building, and you have not checked the validity of an alarm in person, do not use the “Silence” and “Reset” buttons to quiet an alarm that is in progress.

“Mail Dispatcher” Controls

Your system administrator might also have set up a program called “Mail Dispatcher,” an automated message service that works in conjunction with System Watch. In the event of alarms or trouble conditions, Mail Dispatcher will send automatic email alerts to administrators and first responders.

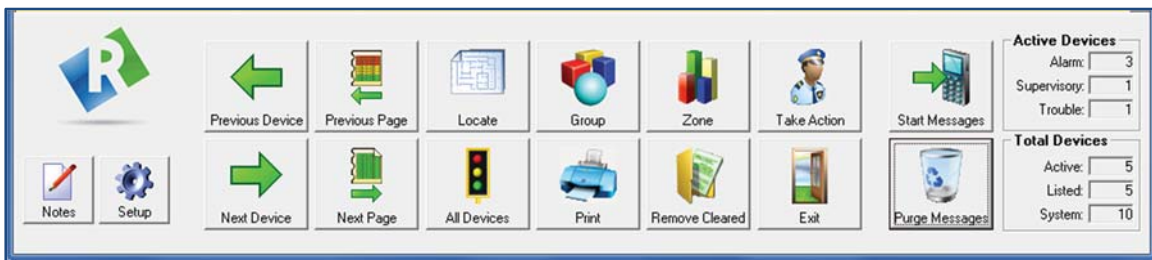


Status Bar

A text box below the Pause button shows the last email sent by the system. A green status bar shows that Mail Dispatcher is up and running.

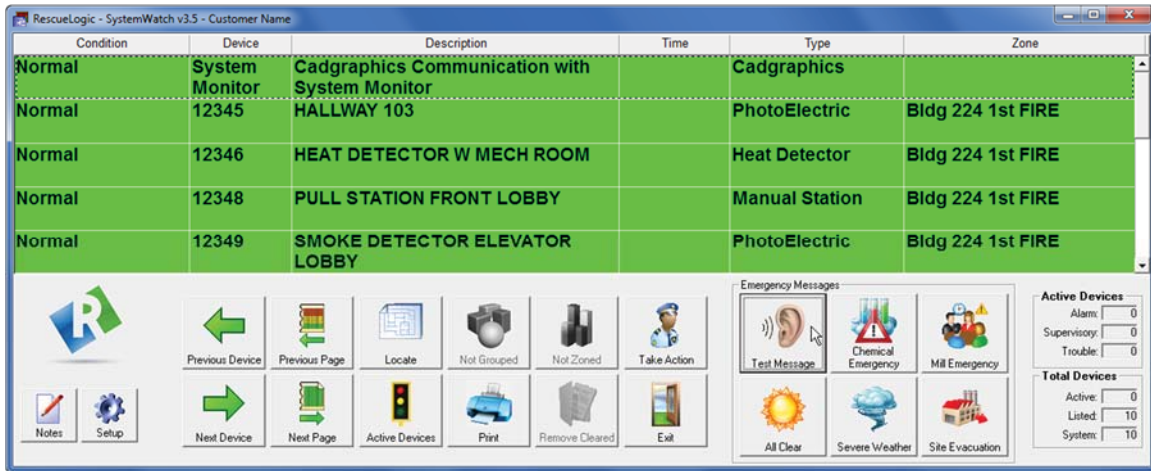
Pause Messages

The “Pause Messages” button will keep System Watch from sending email alerts to administrators and first responders. Your system administrator will typically choose to pause messages while the system is being tested. Once the messages are paused, you can choose to start messages again or to purge messages that have been stored in the database.



“Announcer” Controls

The System Watch “Announcer” program generates customized public-address messages for specific on-site emergencies. Most Announcer instructions are customized for your site. The audible announcements will describe an alarm, broadcast its location, and transmit emergency instructions.



This sample screen shows Announcer controls for a typical factory.



In this example, the announcements include a:

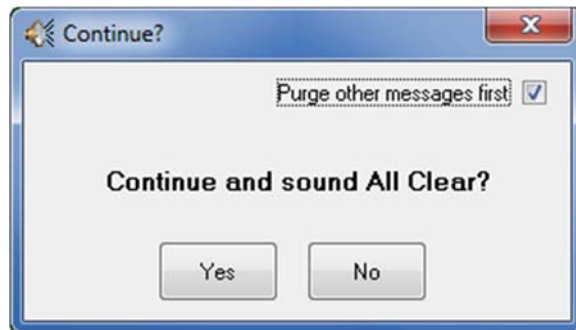
- Test Message — a system administrator will use this button during on-site tests and emergency drills, with an audible announcement that says, “This is a test. This is only a test.”
- Chemical Emergency — typically used for chemical spills, hazardous material events.
- Mill Emergency — could sound a “shelter in place” message.
- Severe Weather — alerts people to storm and tornado warnings, and instructs them to take cover.
- Site Evacuation — orders everyone to leave the premises in an orderly fashion.
- All Clear — lets everyone know that an emergency situation has ended and that it’s safe to go about their normal business.

Message Verification

Before you sound an alarm in the “Announcer” program, you’ll be asked for verification, so you can double-check the announcement that’s about to play.



After an emergency has passed, click the checkbox at the top of the screen to purge the message system and sound an “All Clear.”



RescueLogic System Messages

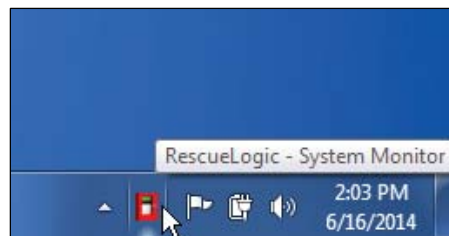
In addition to the messages received from field panels and devices, RescueLogic may report messages that indicate its operation may be impaired. One such message lists "System Monitor" as its address. If you see this message, check to make sure that the System Monitor program is running.

Helpful Hint: Both System Monitor and System Watch must be running for your RescueLogic system to work.

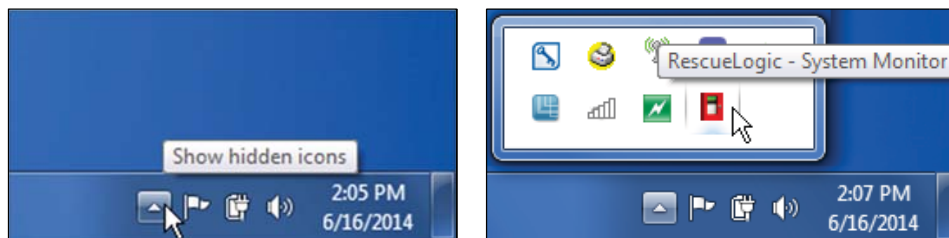
Condition	Device	Description	Time	Type	Zone
RescueLogic Disabled	System Monitor	Cadgraphics Communication with System Monitor	06/15/14 23:47	Cadgraphics	
Normal	Announcer	Program supervision, Announcer must be running.	06/15/14 23:44	Panel	
Normal	Replicator	Program supervision, Replicator must be running.	06/15/14 23:44	Panel	
Normal	Mail Dispatcher	Program supervision, Mail Dispatcher must be running.	06/15/14 23:44	Panel	

The interface also includes a control panel with various icons for navigation and emergency actions, and a status panel on the right showing device counts.

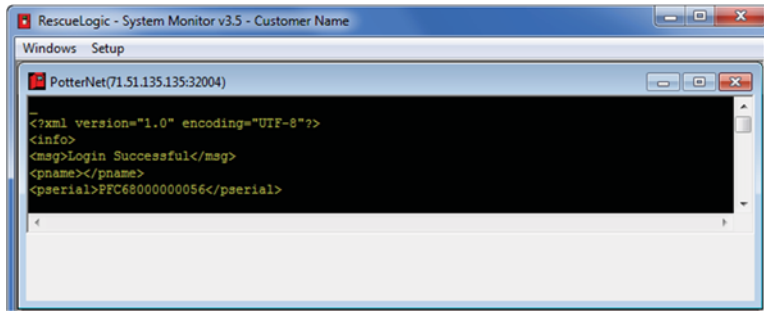
While it's running, you can see the System Monitor icon in the lower right corner of the computer screen.



If you can't see the System Monitor icon, check the hidden icons.

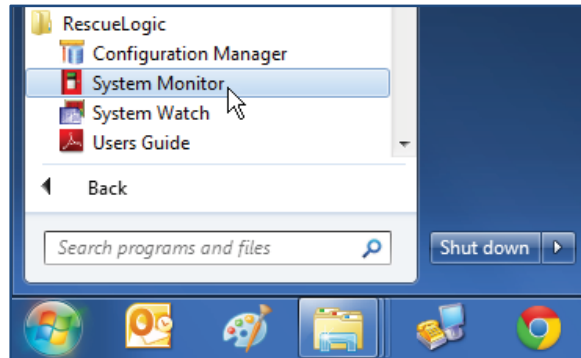


When you click the red System Monitor icon, you'll open a new window that shows data coming in from alarm panels and devices.

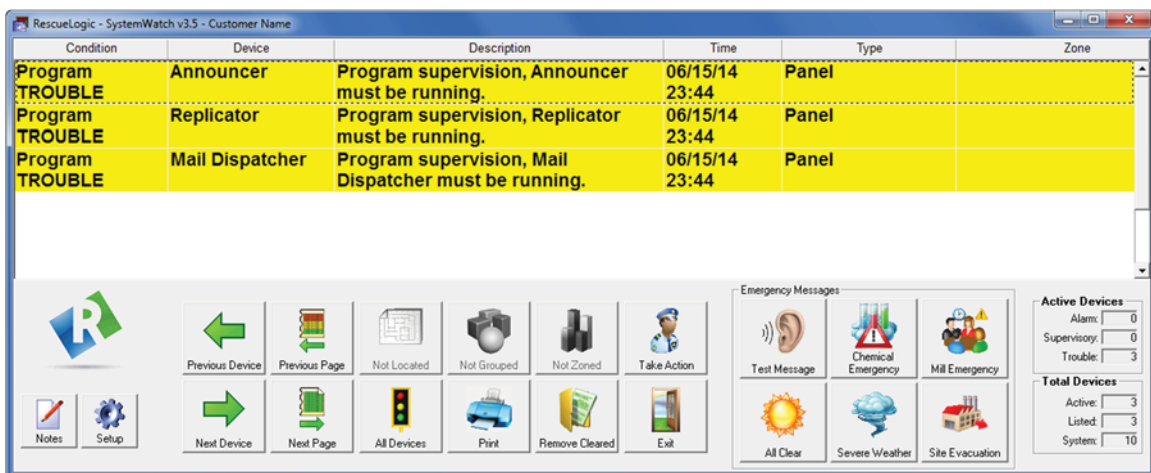


If System Monitor isn't running, call your system administrator.

If necessary, you can re-start System Monitor by clicking on the Windows "Start" button in the lower left-hand corner of your screen. You'll see a program group called "RescueLogic." Open the Program group, and click "System Monitor."

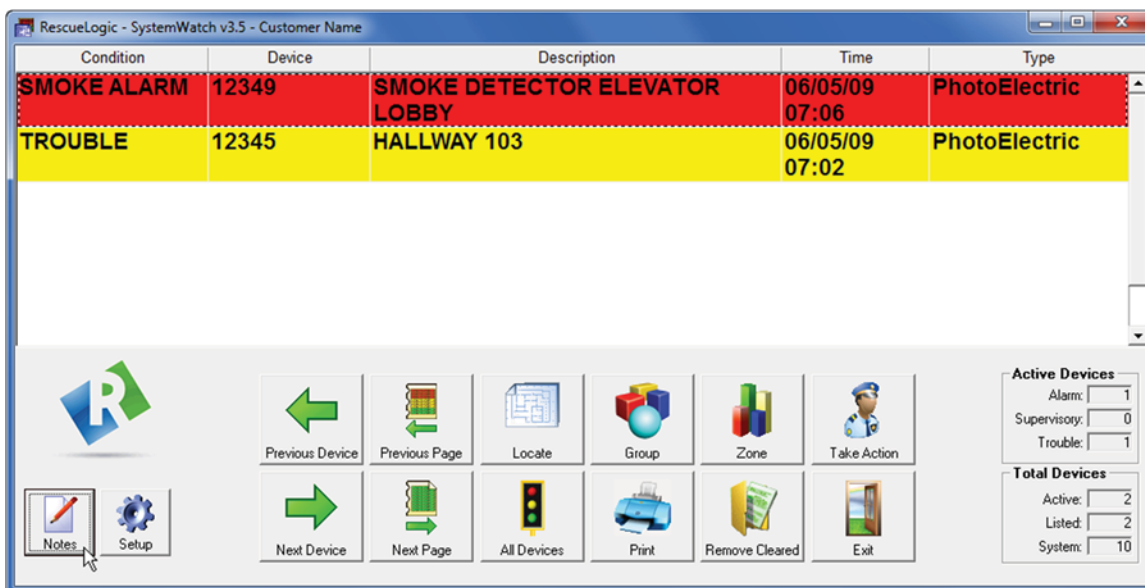


Other RescueLogic programs might also report trouble if they're not operating properly in the background. If messages appear for those programs, follow the same "Start" procedure to make sure they're running, too.



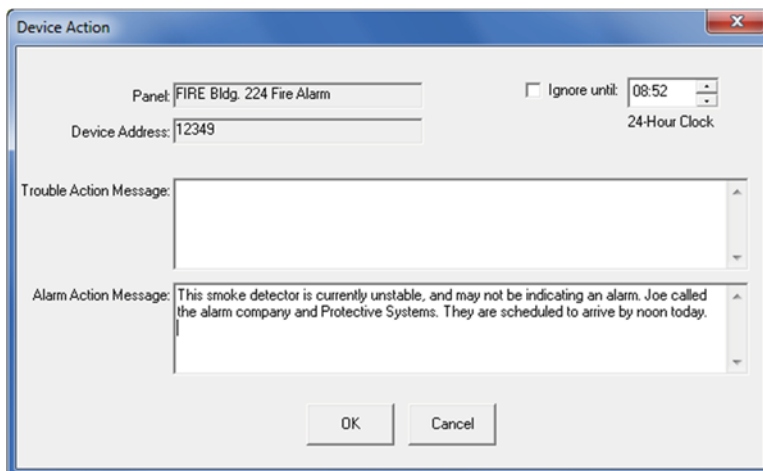
Add Notes and Comments

You might want to add notes to the “Take Action” messages to inform other users about special situations or conditions about alarms and devices on your site. The process of adding notes is simple: just click any device in the list to highlight it, and then click the “Notes” button in the lower-left corner.

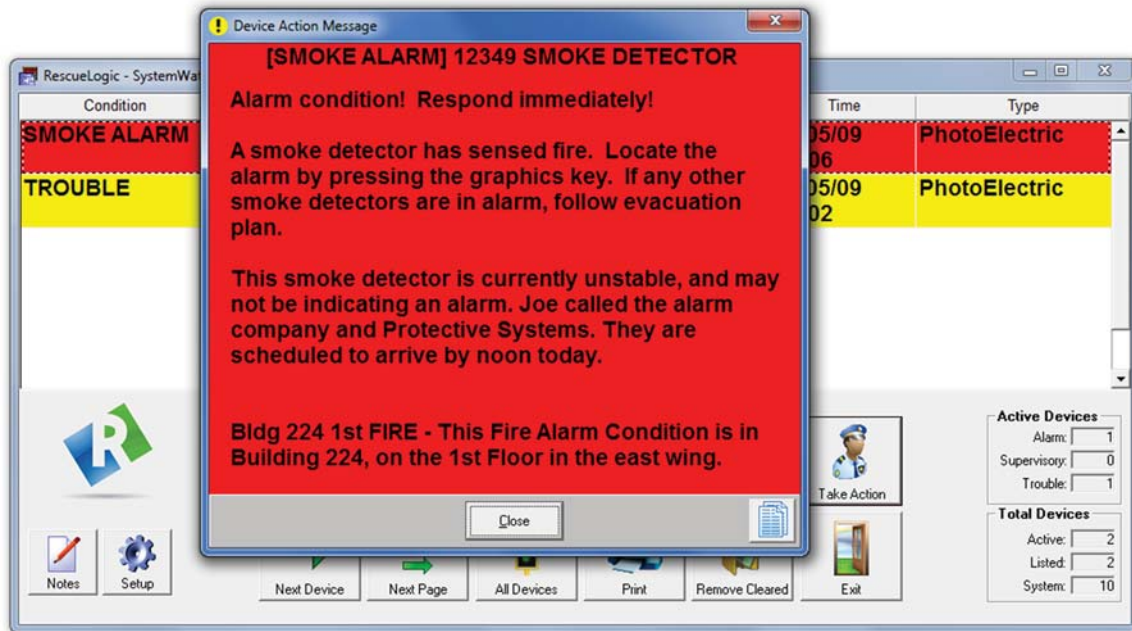


Enter your level-one password. The default is the numeral “1.”

Type your notes, either for devices in alarm or devices in trouble. When you are finished, click “OK.”



Now click the "Take Action" button to see the note you added.



When you are through checking your notes, click "Close."

Ignore Devices

Your system administrator might allow you to ignore some alarms if they're being tested or if they're undergoing routine maintenance. In that case, you can simply click the checkbox on the notes form.

Device Action

Panel: FIRE Bldg. 224 Fire Alarm

Device Address: 12349

Ignore until: 12:00
24-Hour Clock

Trouble Action Message:

Alarm Action Message: This smoke detector is currently unstable, and may not be indicating an alarm. Joe called the alarm company and Protective Systems. They are scheduled to arrive by noon today.

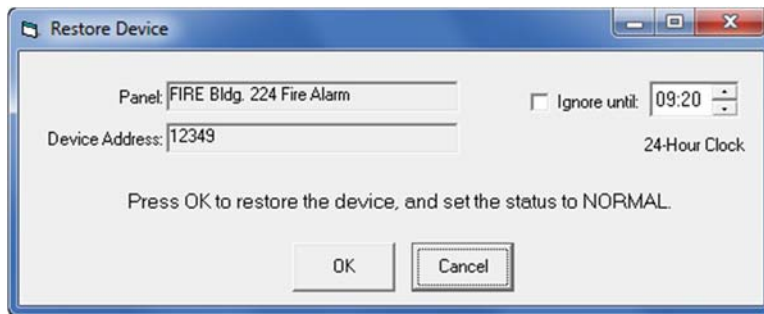
OK Cancel

When you ignore a device, it will go into a “trouble” state. After the preset period of time you entered in the “Ignore” box, it will report alarms again.

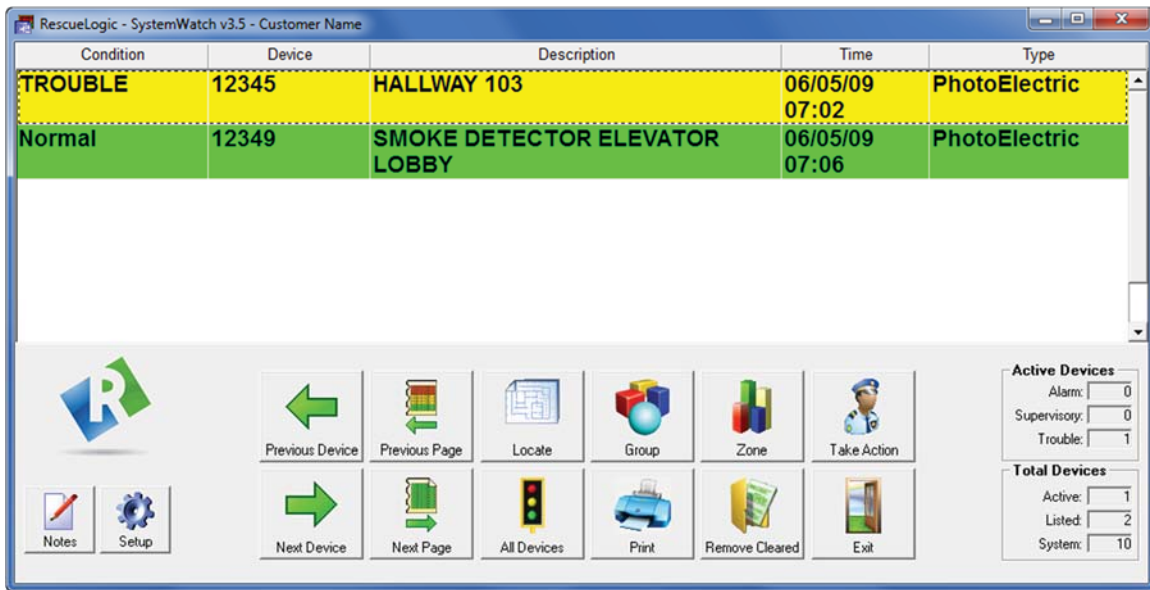
Helpful Hint: Choosing to ignore devices will not prevent an alarm panel from sending signals to the fire department or triggering sirens and evacuation messages. Ignoring an alarm in System Watch simply means that you're not actively monitoring it on your computer.

Restore Devices

Your system administrator might allow you to use the F12 key on the keyboard to force devices into a normal, cleared state. In that case, use the list to choose the device you want to clear and press F12.



After you click OK, the device will be set to Normal.



Exit RescueLogic

Click the “Exit” button — or the “X” in the top right-hand window of your screen — to close the System Watch program. DO NOT CLOSE the program without your supervisor’s permission.

Learn More

We offer specialized online training for RescueLogic users and system administrators. To schedule a custom training session, call (612) 722-3233, email training@rescuelogic.com, or visit rescuelogic.com.

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