



Technology that saves lives

# FireWorks

## Graphical Annunciation Interface



### Description

The FireWorks Graphical Annunciation Interface is a software platform that works with VS and VM Series fire alarm control panels to provide end users with clear, concise, and coordinated site incident information. FireWorks also supports optional text-based web clients to provide remote status updates.

Five configurable graphical viewports offer simultaneous insight into different aspects of an incident, while the underlying software dynamically manages content in each viewport based on real-time events and user interaction. Facility maps, embedded HTML viewer, and live event flow from vital equipment all come together instantly within view of an operator facing events that require solid information and split-second timing.

In addition to this structured display of information, FireWorks also color-codes each message according to its priority. This offers visual cues that alert the viewer instantly to any change of status or newly logged incident.

FireWorks software can connect to up to 1,000 VS panels, up to 125 VM panel networks, monitoring events locally over a LAN, or remotely over the internet. It also supports SMTP email notification of status changes.

### Standard Features

- **Graphical annunciation software**  
Provides map-based incident location
- **Dynamic event-driven user interface**  
Easy-to-follow notification
- **Email event notification to multiple recipients**  
Instant communication with off-site personnel
- **Full History Reports**  
Create, format, generate, and distribute custom incident and status reports
- **Multi-lingual operation**  
Set display for English, Spanish, Portuguese, French, Turkish, Chinese, Polish, Russian
- **IP connection to up to 1,000 VS Control Panels**  
Local communication over a LAN or wide area networking over the internet
- **Scalable up to 125 VM Panel networks**  
Monitor multiple VM panels from one intuitive interface
- **Password-defined user access and event filtering**  
Control who sees what
- **Use native graphic formats to create event maps**  
Import most standard graphic formats – no conversion required
- **Remote real-time WebClient**  
Access system information from anywhere in the world
- **Powerful HTTP/HTTPS communication engine**  
Compatible with DRMNS and many other third-party systems

## Application

FireWorks is an ideal solution for monitoring remote VS or VM Series control panels and for monitoring panels in multiple locations from a single point. FireWorks operation includes alarm, supervisory, monitor, and trouble incidents, such that should any of these occur on any point monitored by a connected panel, the FireWorks system will log incident details and post relevant information to the appropriate display areas system-wide. It can be configured to display the location of the incident on a map or aerial representation of the facility. Remote web client versions do not have this capability.

## Valuable Reporting Functions

FireWorks report functionality allows the system administrator or other authorized user to create and retrieve panel reports. Reports include Panel Status, Disabled Points and Sensitivity. Meanwhile, a full history report generator allows the review of historical panel events.

FireWorks has a versatile Devices Test Report. This report allows for devices that have been tested as part of a Service Group to be included in a National Fire Protection Association (NFPA) Fire Alarm And Signaling Code (NFPA 72) formatted report.

## Easy configuration

Configuring FireWorks is an easy task, with email lists and other system settings readily available to authorized users. The maps function in FireWorks does not require any proprietary conversion protocols to process images. It accepts standard graphics such as wmf, jpeg, and dwg in their native formats.

## IPM1000: Life Safety Integration

When used in conjunction with FW-DAR-COM software, this option supports digital connection to up to a total of 1,000 Kidde VS control panels for receive-only Contact ID operation. Each individual zone or addressable device can display on the FireWorks system.

## WebClients: Global VPN Communications

FireWorks systems support an optional real-time WebClient remote read-only text viewing feature that can be accessed from anywhere in the world via a secured Virtual Private Network (VPN) connection, or local network connection. WebClient events mirror the FireWorks system Event List and Event Action viewports. These events are prioritized and color-coded for easy identification by type and source. Events may also be filtered at the Web Client, and sound files can be added per alarm, supervisory, trouble or monitor event category.

Any number of remote web clients can be deployed by FireWorks. A maximum number of 15 web clients can connect concurrently

to FireWorks and the number of these connections is determined by the package option. The WebClient can also run many reports for the remote workstation and print them to a local printer or output them to a .csv file.

## System Requirements

Locally sourced computer with:

- Intel® Xeon® Processor E5-1620 v3
- 8 GB RAM
- 500GB 3.5" Serial-ATA
- DVD-ROM Drive
- 4x USB 2.0 or greater Ports
- RJ45 intel Gigabit Ethernet



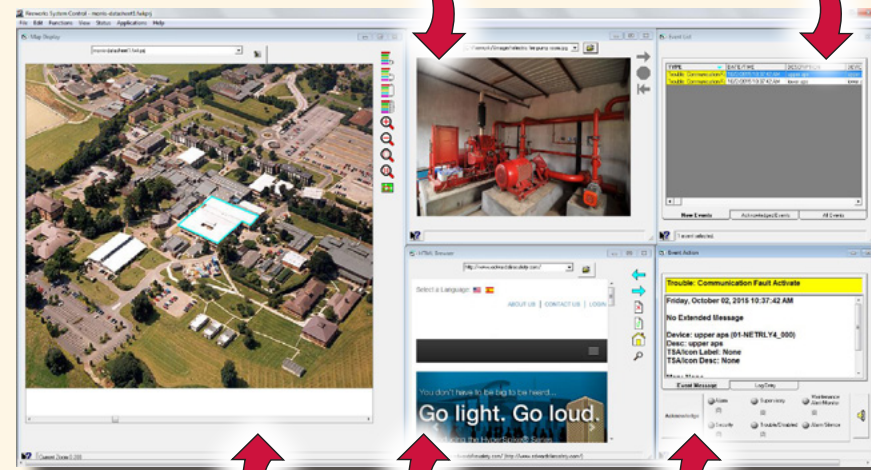
## Dynamic Viewports

### Image Viewport:

Displays images relevant to the occurrence. Any event, any device, or any combination of devices and events can retrieve instant graphical information that is relevant to the occurrence and can be understood at a glance.

### Event List Viewport:

Upon receipt of a change of state, the event information is displayed in the Event List Viewport. If several events are received, all events are displayed in the Event List viewport and are color-coded by priority.



Each operator can customize the system to have anywhere from two to five viewports visible.

### Map Viewport:

This gives the user an overview of the event's location in the context of its surroundings and the entire facility.

### Browser Viewport:

When the FireWorks workstation is provided with an Internet/network connection, the Browser Viewport can be configured to automatically connect to emergency information sites, network accessible building automation, video streams, and other third-party systems.

### Event Action Viewport:

This screen is used to provide instructions on how to respond to the selected event, and also to acknowledge that these instructions have been carried out.

## Flexible Email Messaging

To enhance off-premise notification, FireWorks supports connection to a Simple Mail Transfer Protocol (SMTP) mail server, allowing event information to be emailed. This provides the ability to get event information automatically, efficiently and inexpensively to the people who need to know about events in facilities.

## Engineering Specification

The <<Graphic>> <<Text>> Workstation shall display the alarm or off-normal incident description and time of the event in a prioritized color-coded list.

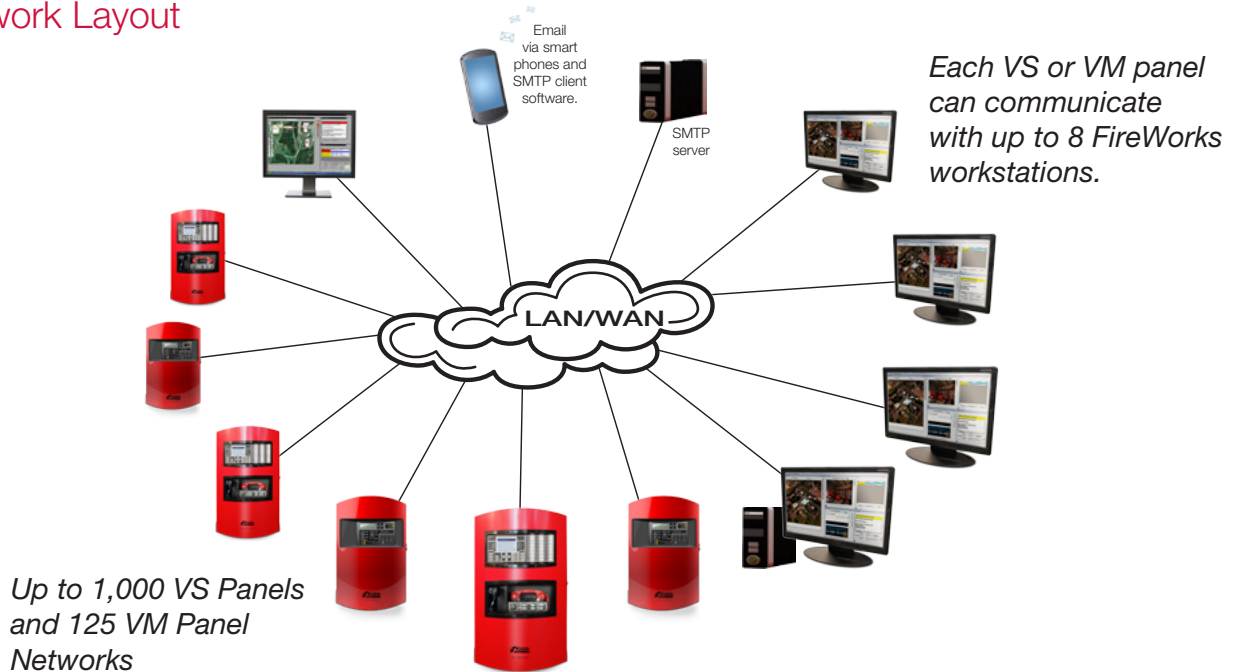
Highlighting an event in the event list shall automatically cause the other display areas (described below) to present information relating to the highlighted event. The system LCD shall display color graphical representation of the area in which the alarm or off normal device is located. It shall be possible for the operator to manually zoom down to any portion of a vector-based graphic without aliasing, artifacting, or pixilation of the image. Preset zoom

levels shall not be considered equal. There shall be a set of written operator instructions for each point. The operator must be able to Log comments for each event to history with time and date. The history must be accessible for future review.

The workstation must be capable upon receipt of <Fire Alarm incident>, <Monitor incident> to send e-mail messages to appropriate recipients via a SMTP mail server.

The workstation provide an extended message per event, site programmability of the message must be provided allowing modification by the end user to suit occupancies and emergency plans.

## Network Layout



## Ordering Information

FW-CGSVM	Standalone FireWorks Color Graphics Software PIN letter. Allows full 5 view port display. Includes FW-FIREKEYUSB and software DVD. No common control.
FW-IPMON1000	Pin Code for IP Monitoring for 1000 connections to VS Series panels. Requires companion software option FW-DARCOM.
FW-DARCOM	Pin Code for Communication to DACRs and/or IPMON1000.

### Web client licenses

FW-1S	One Seat WebClient.
FW-4S	Four Seat WebClient (Requires FW-1S).
FW-10S	Ten Seat WebClient (Requires FW-1S & FW-4S).



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