



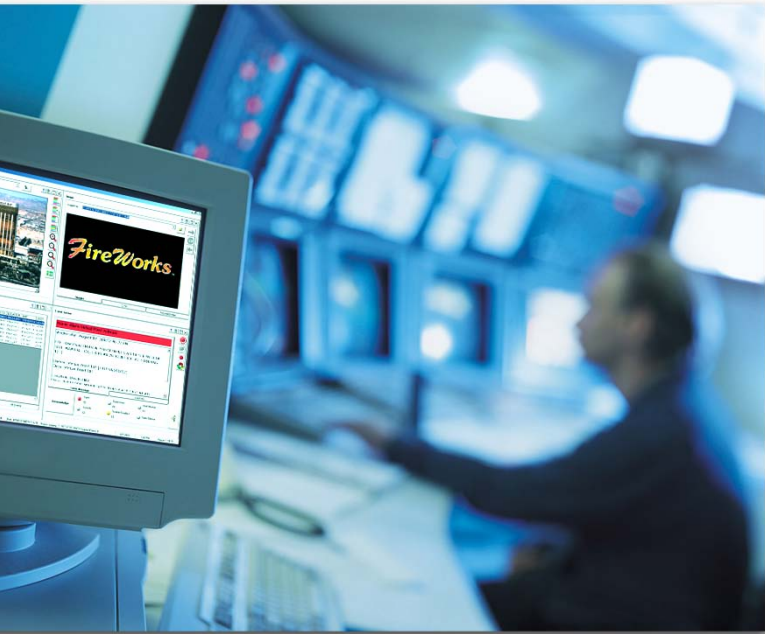
Insightful

FireWorks® Life Safety and Security Command Interface



imagination at work

Seeing is believing



Whether located at a guard's desk, in a maintenance office, or a control room, your *FireWorks* workstation paints a vivid picture of life safety and security events happening throughout your facility, across your campus, or in a building hundreds of miles away.

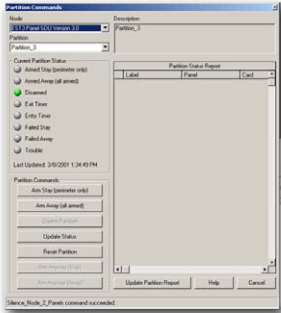
Somewhere, in a quiet uninhabited corner of your building, a smoke detector goes into alarm. Within seconds a motion detector follows suit. Somewhere else an electrical current suddenly changes polarity. Horns begin to sound, strobes flash. A dialer makes an automatic call to the central monitoring station. Other circuits energize.

In a typical emergency situation, hundreds of events like these unfold system-wide in a matter of seconds. Individually they hold little meaning. Together they can overwhelm even the most seasoned operator. But from the right perspective they coalesce into a vivid picture of precisely what is happening, and most importantly, how best to respond. Only *FireWorks* from GE Security can provide that perspective.

Event-driven screens keep priorities front and center

Because *FireWorks* is event-driven, your personnel will never find themselves abandoned by technology just when it's needed most. *FireWorks* automatically prioritizes all system events so that the most urgent information is always front and center. It also keeps pace with your operator by constantly updating the content of adjacent display quadrants with information relevant to the currently selected event. As the situation unfolds, your operator is never more than a glance away from important, context-sensitive information necessary to bring the matter to a speedy and effective conclusion.

Nor is your operator ever far away from the people who need to know what's going on. Thanks to its ability to communicate with an SMTP



FireWorks not only provides a common framework for control and monitoring, it also offers dedicated control for security functions. From within *FireWorks*, security partitions can be armed and disarmed, and security partition reports can be generated.

email server, event details are automatically shared via email with everyone on the *FireWorks* event distribution list. This not only allows building maintenance personnel to keep tabs on how the system is performing on a day-to-day basis, but also provides critical information to support personnel as they assist the *FireWorks* operator with a timely response to an unexpected event.

With Synergy®-enabled EST3, *FireWorks* blends life safety, security, CCTV, and access control functions in its unique four-quadrant display. Events concerning all enabled functions display within the common interface and are managed the same way as one another. This ensures that control remains intuitive, regardless of the type of event or action.

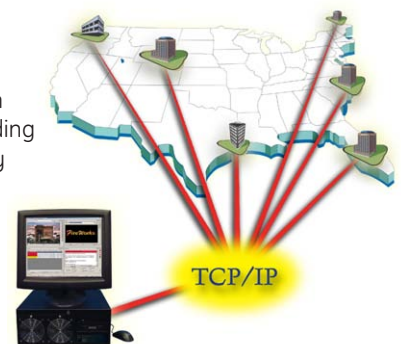
The possibilities are truly endless. Your *FireWorks* operator has full control of your building: instantly accessing important details concerning any system event – right down to the individual device; acknowledging events with the click of a mouse; and issuing control commands with split-second timing. Meanwhile, *FireWorks* acts dynamically with the operator, automatically displaying details about changing conditions and site-specific factors that determine the most effective response to the situation at hand.

Centralized control, distributed monitoring

FireWorks can also act as a conduit, bringing several building functions into a single point of monitoring and control. For example, a campus-style installation with separate systems in each building will benefit from *FireWorks*' ability to act centrally as a virtual command center for all fire alarm and security activities. Similarly, a partially retrofitted building can continue to use both old and new control panels while operating as a single system under *FireWorks*. This has the potential to extend the life of existing equipment and avoid costly all-or-nothing retrofit projects.

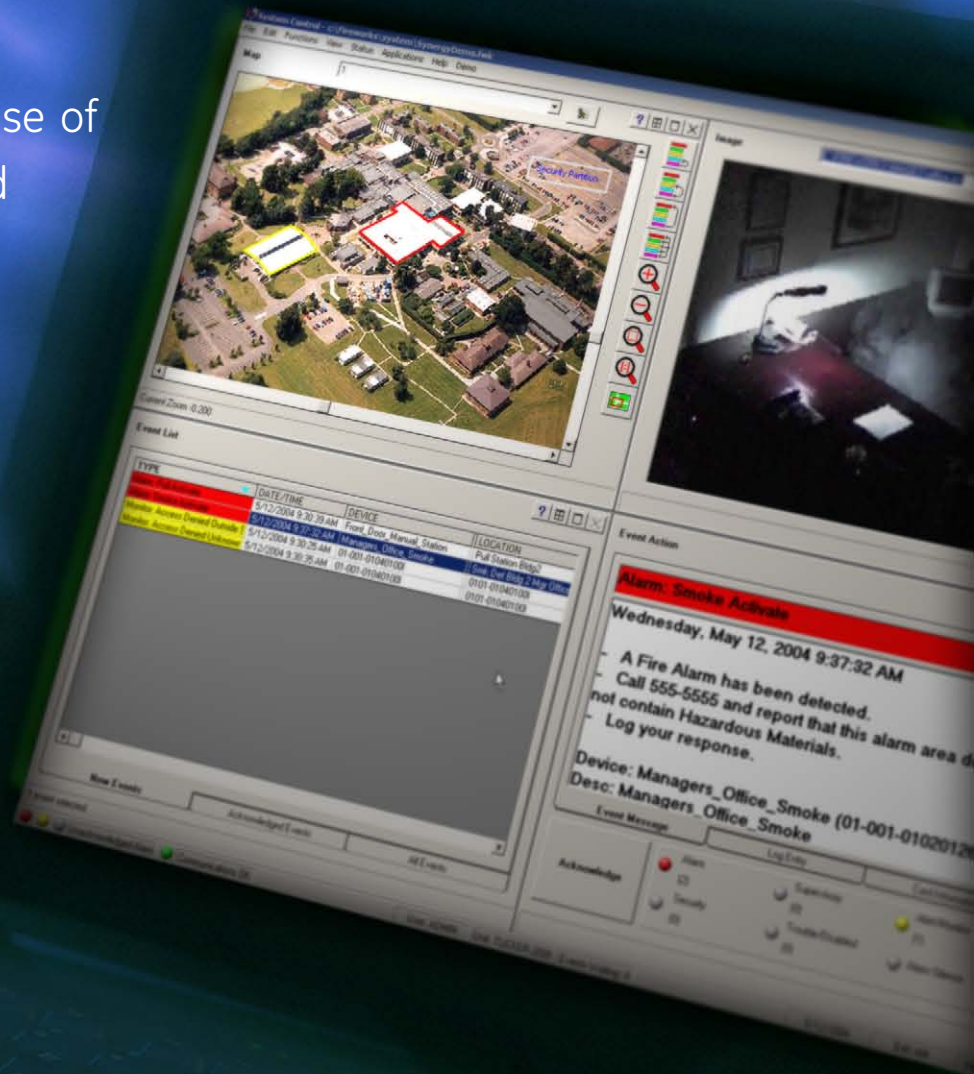
And, with up to 850 TCP/IP connections, *FireWorks* workstations can remotely monitor events in hundreds of locations around the world. Its ingenious filtering feature allows personnel in different locations to see only the information relevant to their sphere of activity: service personnel get details on maintenance events, while elsewhere, security personnel keep tabs on access control happenings – all in real time, all from virtually any location!*

With up to 850 TCP/IP connections, *FireWorks* can keep tabs on events unfolding in real time – from virtually any location, while ingenious event filtering keeps the flow of information relevant and timely.*



*TCP/IP connections are subject to baseline *FireWorks* network performance requirements.

FireWorks strikes that delicate balance between too much information and not enough. It is the lens that brings cascading events from thousands of points into sharp focus. It is the tool that allows your personnel to make sense of what is happening and get the information that's needed for swift, decisive, and effective action.



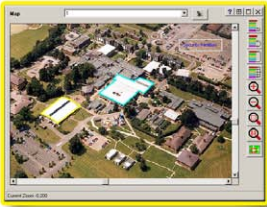
FireWorks

The first graphical interface fully listed for fire alarm, security, and access control functions.

In the *FireWorks* image quadrant use CCTV, along with your ACDB access control system, to monitor suspected unauthorized entry to your building. At a glance you'll know if the person attempting to gain access really is who the access credential says they are.

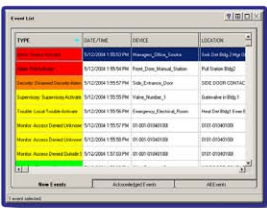


FireWorks' unique four-quadrant display pinpoints relevant event details while keeping the big picture in plain view.



Map Quadrant

The *FireWorks* Map Quadrant graphically represents – either by photograph, or floorplan – precisely where in your facility emergency events are taking place. With a mouse click, your *FireWorks* operator can instantly zoom in to any level of detail, or zoom out to get an instant grasp of how the situation is unfolding.



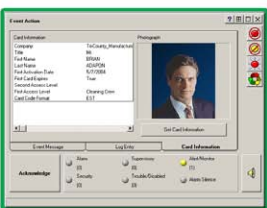
Event List Quadrant

A single emergency can generate hundreds of events. The Event List Quadrant is where your *FireWorks* operator makes sense of it all. Here each event is sorted by priority, color-coded by type, and displayed in plain language. Selecting an event from this screen automatically displays supporting information in the other three quadrants.



Image Quadrant

In this quadrant your *FireWorks* operator will find a photo and description concerning a selected device, or an image of the area where the event is occurring. With a CCTV interface, *FireWorks* even provides on-screen control and real-time display from video cameras showing precisely what's happening at the scene.



Event Action Quadrant

This quadrant equips your *FireWorks* operator with instructions on how to respond to any selected event. Here, an authorized operator acknowledges events, logs responses, and operates common controls such as Alarm Silence and Reset. Under a separate tab, the operator can even display access control cardholder information.

GE Security

U.S.
T 888-378-2329
F 866-503-3996

Canada
T 519 376 2430
F 519 376 7258

Asia
T 852 2907 8108
F 852 2142 5063

Australia
T 61 3 9259 4700
F 61 3 9259 4799

Europe
T 32 2 725 11 20
F 32 2 721 86 13

Latin America
T 305 593 4301
F 305 593 4300

www.gesecurity.com

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Sophisticated technology doesn't cause information overload. Poorly designed interfaces do. In an emergency situation your personnel need more than information. They need a solid understanding of the situation: a roadmap that provides context and points them towards effective action.

FireWorks sheds light precisely where it's needed – when it's needed – without the blinding glare of too much information to distract your staff from the tasks at hand. Anything less risks leaving even your best-trained operator frozen in the headlights of a runaway crisis. And when lives and valuable property hang in the balance, that's a risk you simply can't afford.

Find out how *FireWorks* can help make your facilities safer. Contact your GE Security representative today!



For control and monitoring applications, UL-listed hardware options include large LCD or CRT displays, while software-only versions of *FireWorks* are ideal for monitoring system activities from any compatible PC.



imagination at work