



UNITED SYSTEMS
FIRE & SECURITY

Insightful

FireWorks™ Emergency Communications
Command and Control Interface



EST BRAND LIFE SAFETY & COMMUNICATIONS FROM EDWARDS

See what's possible now...

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 mass notification, life safety, and security events happening throughout your facility, across your campus, or in a building hundreds of miles away.



FireWorks is an integral part
of *EST3-Sixty*TM

— EST's powerful Mass
Notification/Emergency
Communications solution.

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 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 Edwards 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 at the forefront. It also keeps pace with your operator by constantly updating the content of adjacent display areas 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 e-mail server, event details are



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automatically shared via e-mail 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.

Whether the emergency is a result of a hurricane, tornado, environmental accident, domestic violence, or terrorist threat, response personnel must remain in control of the situation and keep the lines of communication open. FireWork's smooth integration with EST3-Sixty's UL listed Mass Notification/Emergency Communications (MNEC) capability accomplishes this by leveraging the power behind the EST3 communications network. It does this by offering response personnel the tools they need, not only to warn building occupants of imminent danger, but also guide them to safety.

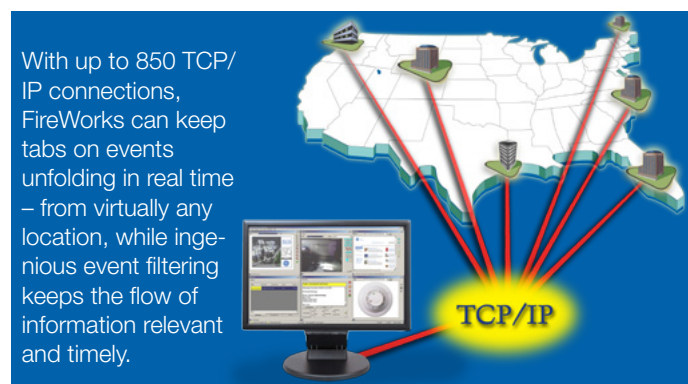
The possibilities are truly endless. Your FireWorks operator has full control of your building: instantly accessing important details concerning any system event – right down to the individual device; acknowledging events with the click of a mouse; and issuing control commands with split-second timing.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

FireWorks is the interoperability champion, acting as a single point of monitoring that consolidates data from any number of different manufacturers systems that use industry-standard SIA



Contact ID or 4/2 digital alarm communicator transmitters. FireWorks also connects to Edwards EST3 and standalone EST2 systems for annunciation and command/control operations. These capabilities are ideal for applications where there is a need to gather information from many locations, whether in the same building, next door, or even across the globe.

FireWorks can even act as a conduit for compatible Edwards systems, passing commands between control panels. This feature allows for an unprecedented level of interoperability — and a single point of command and control for all your Edwards systems, old and new. This backwards compatibility protects your investment in Edwards systems and products for many years to come.



With up to 850 TCP/IP connections, FireWorks workstations can remotely monitor events in hundreds of locations around the world. Its ingenious filtering capabilities allow 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!

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

Graphical Command Interface

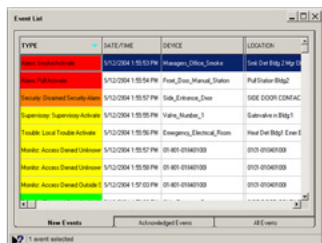
FireWorks' unique segmented display pinpoints relevant event details while keeping the big picture in plain view.

Map Area



The FireWorks Map Area graphically represents precisely where in your facility emergency events are taking place. 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 Area



The Event List Area is where 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 areas.

Event Action Area



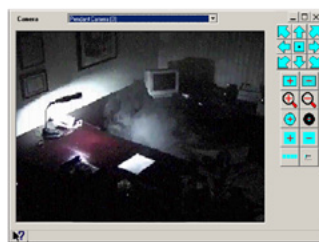
Here, an authorized operator acknowledges events, logs responses, and operates common controls such as Alarm Silence and Reset. Under a separate tab, the operator can even display access control cardholder information.

Image Area



In this area your FireWorks operator will find a photo and description concerning a selected device, or a pre-saved image of the area where the event is occurring.

Camera Area



With a CCTV interface, FireWorks provides on-screen control and real-time display from video cameras showing precisely what's happening at the scene.

Browser Area



activities.

This area provides the user with access to internet functions. It can be configured to display specific web pages during system activities such as alarm events. This helps deliver current, and even real-time information to the operator during critical



Innovation, leadership, and a rich tradition of excellence

Whether EST life safety systems are protecting the lives and livelihoods of the people who make businesses run, or the lives entrusted to the care of public institutions; whether they're charged with protecting the guests of the world's finest hotels, or preserving irreplaceable artifacts that bring history to life; EST stands alone as the brand closely associated with some of the most important and far-reaching developments in the life safety industry today.

Our strength is in our Strategic Partners — the people and organizations we entrust with the technology that has charted the course of life safety protection for decades. Strategic Partners are not middlemen or go-betweens. They are independent contractors that form an integral part of the Edwards marketing and support organization. As insiders, they enjoy exclusive access to products, custom design innovations, specialized training, and pricing privileges. Yet as successful independent contractors, they are adept at ensuring that each submittal is strong and competitive, and that each bid is locally relevant to your installation. As local businesses they not only have to earn your trust — they have to keep it.

Together these strengths set EST installations apart, and have earned this brand a special place among life safety and security solutions available today. Perhaps that's why EST products and systems have become the choice of building owners, architects and engineers around the globe. And why many of the world's most cherished landmarks are protected by Edwards products that bear the EST mark. From the Bibliotheca Alexandrina Museum in Egypt, to the modern-day sphinx at the Luxor Hotel in Las Vegas, professionals who design, own and occupy the world's most impressive structures have come to know that the safest and most survivable solution today is an EST solution.

See what's possible now.
Contact your EST Strategic
Partner today.



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