



**EDWARDS**



**EST-IP**

Networked Life Safety Platform





## FIRE SAFETY FOR THE FUTURE

EST4 represents a great leap forward in life safety capability, drawing on the strength and success of its predecessor – EST3 – to deliver the industry's most robust and thoughtfully crafted networked life safety platform.





## **MODULAR CAPABILITIES**

A modular panel provides extraordinary flexibility and customizable configuration, allowing you to include only the capabilities you need and to easily exclude those you don't, while also providing future expansion capability.

## **ADVANCED NETWORK ARCHITECTURE**

EST4 adapts to a multitude of facility and campus layouts, reducing the cost of networked systems. And UL-listed proxy firewalls help protect your system against cyber threats when connecting to outside networks.

## **EMERGENCY VOICE COMMUNICATIONS**

EST4's distributed audio and impressive capacity of 100 channels per system make EST4 the clear choice to deliver critical messages when and where they are needed.

## **BACKWARDS COMPATIBILITY**

Wiring, devices, and most local EST3 rail modules are fully backwards compatible with EST4, providing easy migration paths and an economical transition to new technology.

## **FUTURE READY**

While EST4 meets the rigorous UL864 fire alarm controls standard and UL2572 standard for mass notification today, its design is ready to adapt to future code and standard changes.

# SAFEGUARDING PEOPLE AND PROPERTY

From the big picture to the small details, EST4 is engineered to make protection as flexible, efficient and user-friendly as possible.

## FLEXIBILITY & EFFICIENCY

UP  
TO **75%**

**LESS CABLING REQUIRED**  
for network, audio and  
telephone data due to  
shared, single-twisted  
pair or fiber strand

 **100**  
channels

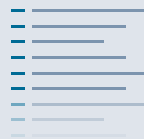
of digital audio  
on a single pair  
of wires

## USER EXPERIENCE

LED Indicators:

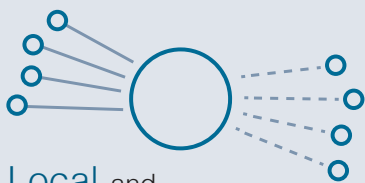
 **5** Color  
Options  
EACH

**20k**  
EVENT HISTORY



**FULL-COLOR**  
LCD Touch Screen  
with Tactile Buttons

## CONNECTIVITY



Local and  
Remote Reporting

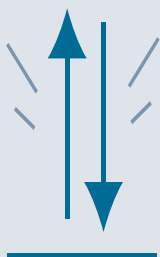


*Connected***Safety+**  
Edwards ConnectedSafety+  
Compatible



**480** Mbps  
**BUILT-IN**  
USB Ports on Panels

## MAINTENANCE ADVANTAGES



**ZERO**

**DOWNTIME**

during system  
updates with  
Advanced Upload/  
Download Protocol

**LOGICAL**

**PROGRAMMING**

depicts the system  
in a graphical  
tree view to match  
building layout



**REDUCED**

**NUISANCE ALARMS**

using the  
Signature  
protocol and  
Optica detectors



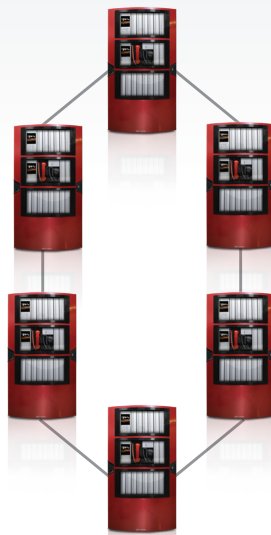


# PRIORITY: FLEXIBILITY

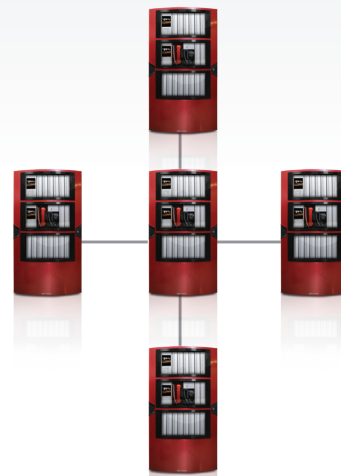
Thanks to its modular capabilities, hot swappable network connections, and easy migration paths, EST4 is flexible enough to safeguard a wide variety of facilities. From multi-building campuses to soaring high-rises, EST4 can be configured in a variety of network topologies, including classes B, A, X, N or full mesh using copper, fiber or ethernet cable.

THE RESULT: Redundancy and Survivability

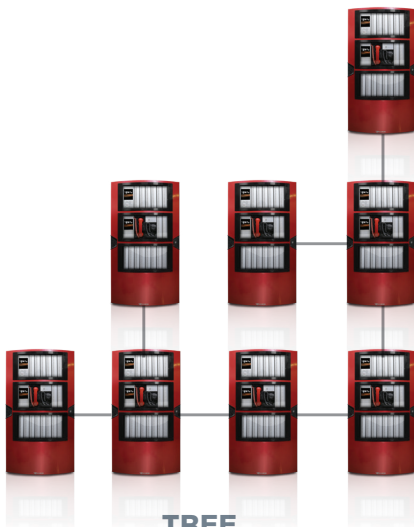
## SELECT CONFIGURATION EXAMPLES



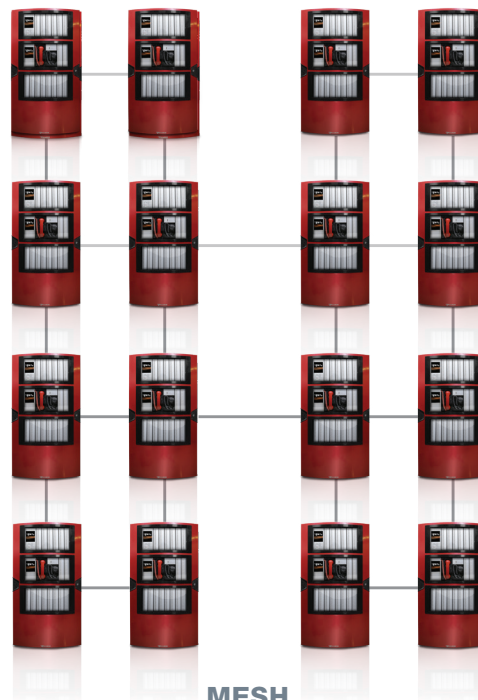
**CLASS A**



**STAR**



**TREE**



**MESH**

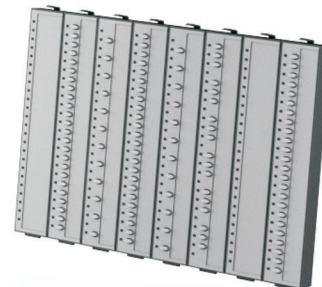
# PERSONALIZED PROTECTION FOR YOUR PROJECT

Thanks to the completely customizable nature of the EST4 panel, you'll never have to try to fit a unique facility environment into a cookie-cutter network again.



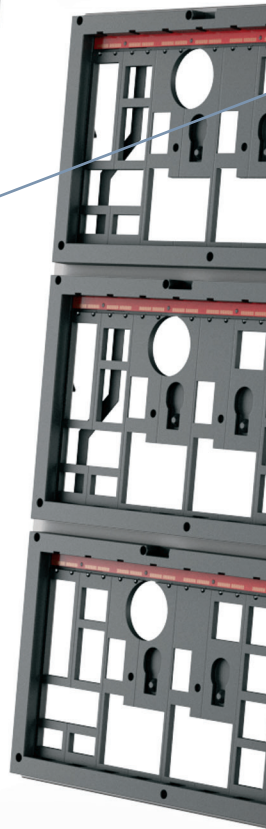
## CONTOURED DOOR DESIGN

Modern, aesthetic appearance, available in red or metallic bronze.



## CONTROL-DISPLAY MODULES

Customizable, modular design adapts to more projects with fewer parts.







### FULL-COLOR TOUCH SCREEN

Fast, intuitive access to service and first-responder functions. User-configurable home screen image.



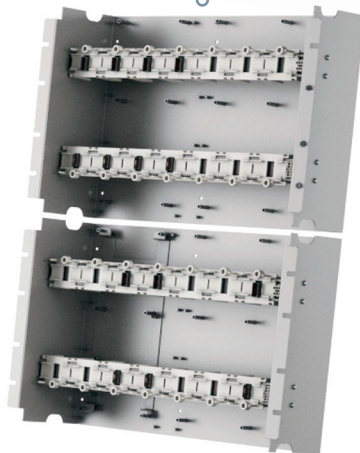
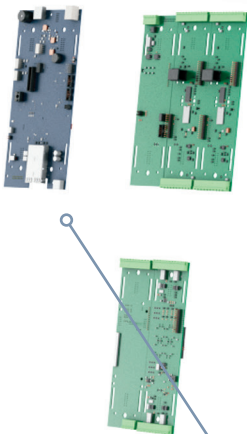
### EXTENDED PAGING MICROPHONE

Networked microphones with prerecorded messages at every panel enhance the system's survivability if the network is interrupted.



### INNER DOOR/ OPERATOR LAYER

Makes installation of the user interface fast and easy. Provides a clean barrier between the emergency user and field wiring.



### RAIL MODULE REUSE

Leverages prior investments in retrofit applications.



### MAXIMIZED SYSTEM POWER

Up to 4 power supplies in a single panel can reduce the amount of hardware, saving wall space.



### CENTRAL PROCESSING UNIT

Modern Linux-based OS with fast processing and enhanced capabilities.





## CUSTOMIZABLE SOLUTIONS THROUGH A DEDICATED PARTNER NETWORK.

Some of the world's most impressive structures—from the Bibliotheca Alexandrina Museum in Egypt to the modern-day Sphinx at the Luxor Hotel in Las Vegas—are designed, owned and occupied by professionals who have chosen Edwards to secure their facilities. That's because our partners—the people we entrust with our technology—provide unrivaled support and know-how to create custom life-safety solutions that lead the industry in innovation. And they're ready to do the same for you.

See what's possible for your business. Contact your EDWARDS Partner today.  
For inquiries regarding Edwards Professional Services & Solutions, contact [Edwards.PSS@carrier.com](mailto:Edwards.PSS@carrier.com).

### LIFE SAFETY & INCIDENT MANAGEMENT



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