



Experience greater freedom and  
command of your life safety network

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**NETWORKING AND  
WORKSTATION SOLUTIONS**



As you consider which fire and life safety provider to use for your facility, first look at the reputation behind it. Building owners worldwide trust the Simplex family of networking and workstation products to help protect their facilities – no matter how large and complex – because of their high degree of reliability, ease of use, and

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## STREAMLINED SAFETY.



The broad range of Simplex networking and workstation solutions enable a

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## COORDINATED RESPONSE

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and offer real and significant advantages to you and to building occupants in the event of a fire or other emergency.



# 5

## ways to raise the bar

### with Simplex ES Net and TrueSite Workstation

#### **1 | DESIGN AND INSTALLATION FREEDOM AND FLEXIBILITY**

As one of the most scalable and high-capacity systems on the market, IP-based ES Net effectively removes all barriers to optimized design. It supports up to 687 nodes on seven loops, multiple network topologies, and all major connection media types (Ethernet, DSL, fiber) and supplemental system network traffic.

#### **2 | INDUSTRY-LEADING TECHNOLOGY**

In complex multi-building environments, you want it all. Design without limitations. Installation flexibility. The capacity and scalability to handle current and future needs. And the ability to quickly respond to an emergency from a central command center or mobile device. The advanced ES Net life safety network and the TrueSite Workstation (TSW) satisfy all of these needs.

#### **3 | EXPEDITED EMERGENCY RESPONSE AND STREAMLINED MANAGEMENT**

ES Net and the TSW combine to enable a fast and efficient response to emergencies. ES Net's IP technology supports data rates of up to 100 MB per second, empowering the TSW to swiftly provide color-coded action messages, audio notifications, and detailed instructions for responding to specific events as an emergency unfolds. Graphical and technical alarm data is displayed on up to four screens, allowing operators to access system activity and initiate an appropriate response quickly. You get extraordinary visibility and control as ES Net and TSW capture and seamlessly process data from up to 687 network nodes.

#### **4 | RELIABLE INTEGRATION, SUPERB RESILIENCE**

Compatible with existing Simplex 4120 networks, ES Net supports multiple network topologies and media and integrates with security and building automation systems. Full redundancy and battery backup maximize uptime. The TSW can integrate with fire alarm control units from other manufacturers and control units that can't be networked due to remote location through its Digital Alarm Communication Receiver interface. And since it operates as an actual node on the fire alarm network – providing peer-to-peer linkage with all network panels – the TSW can continue to operate even if some nodes or parts of the network are impaired. The ability to switch from a primary to a backup server automatically gives TSW clients even better resiliency.

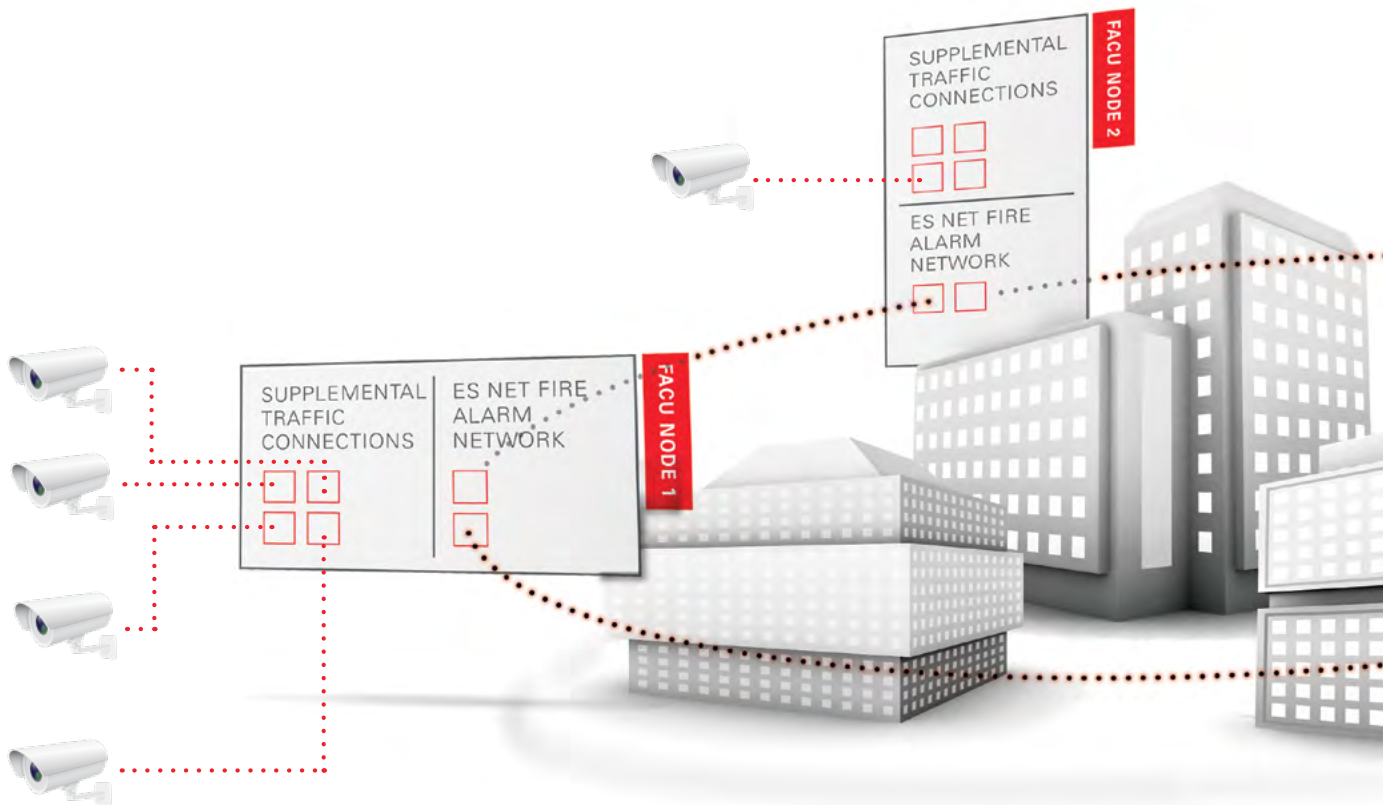
#### **5 | REMOTE CAPABILITIES FOR ON-THE-GO ACCESS**

The TrueSite Workstation Mobile Client app brings the TSW to any Apple® or Android™ mobile device. You can view system diagnostics and critical information wherever you go for added peace of mind.

# Simplex networking solutions inform and empower

## Adding video to ES Net's supplemental traffic channel

Due to the expanded bandwidth of ES Net, other building safety and security systems, such as video surveillance cameras, can be added to the supplemental traffic channel of ES Net without sacrificing network performance or reliability.



## Simplex ES Net Network

The Simplex ES Net IP-based life safety network optimizes system design and installation flexibility while increasing network capacity, speed, and performance.

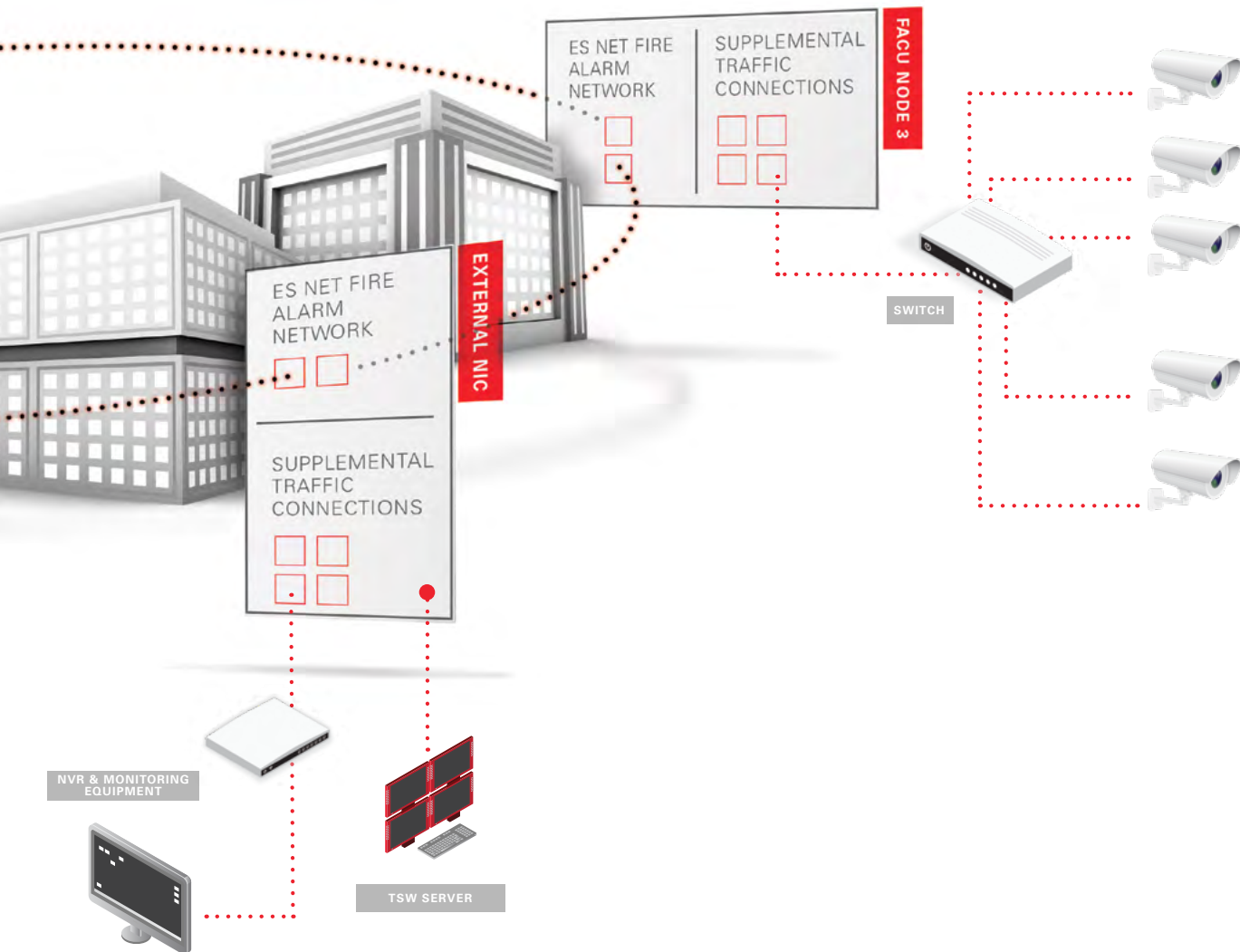
ES Net harnesses the power of IP technology with data rates of up to 100 MB per second and a range of network media choices, including Ethernet, DSL, and fiber. This versatility provides building owners with a platform for growth and integration.

ES Net supports ring, star, bus, and bridged ring network topologies. As you can combine multiple topologies, you can create fault-tolerant networks while mixing and matching media between nodes to optimize cost and distances.

A centralized system management and increased bandwidth enable quicker upgrades to reduce operational costs. Also, ES Net allows up to 82,000 feet (25 km) between nodes. The network's increased memory capacity, advanced diagnostics, and broad bandwidth help maximize performance.

A redundant system with battery backup, ES Net can also support network traffic from other systems, such as security cameras, access control, and building automation systems, without any interference to life safety traffic.

Fire-related data is segregated from supplemental traffic to ensure it has top priority. You get to leverage that extra bandwidth to your advantage.



# Maintain full control over your life safety network – no matter how complex

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Today, many facilities consist of hundreds of control units and thousands of devices.

Our high-speed IP-based ES Net network is made for these environments.

Its extensive network capacity, advanced diagnostics, and broad bandwidth improve technician productivity and keep performance high.

The TSW complements ES Net by giving you superior, industry-leading control. You can easily monitor and control multiple buildings and hundreds of fire alarm control units from a single location.

You can also continually share information by linking your life safety system to building systems, including the Johnson Controls Metasys® Building Automation System and others that support BACnet connectivity.





# Mount an effective and coordinated emergency response

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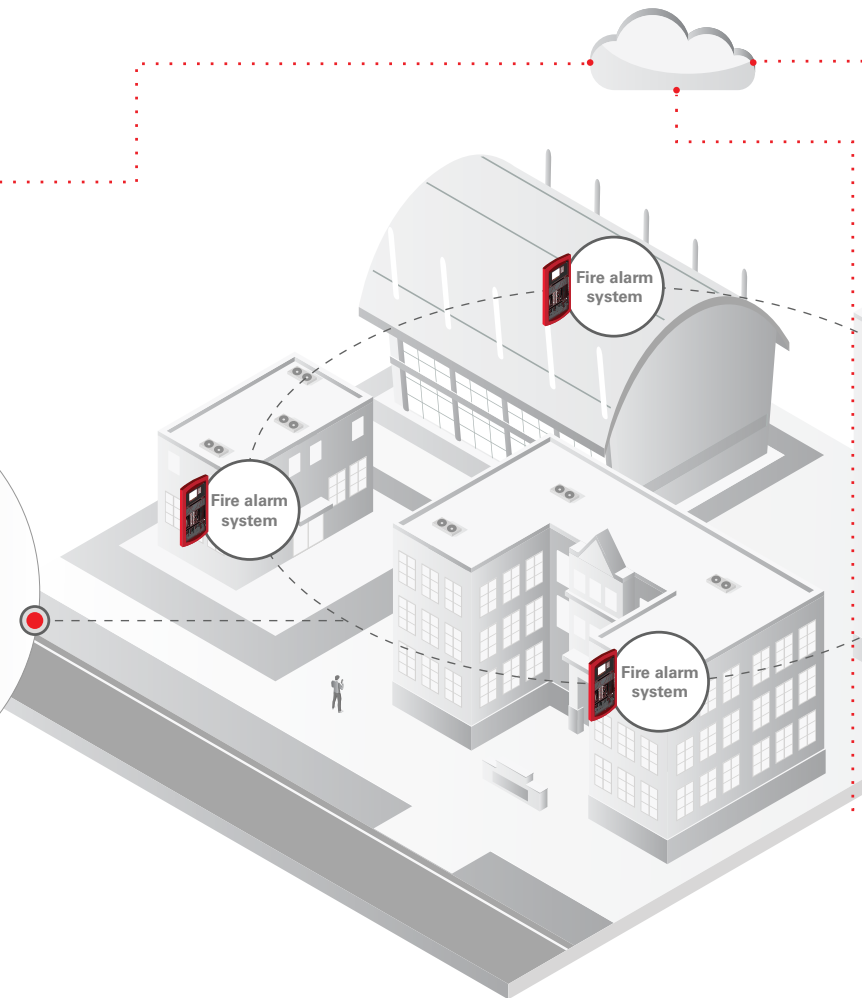
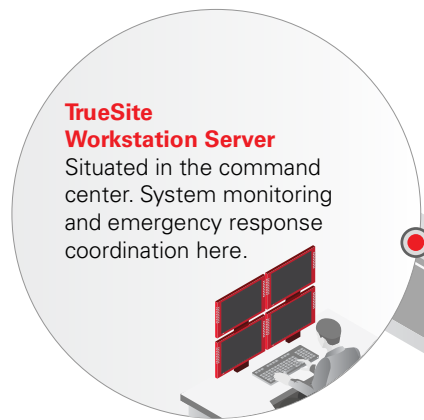
In an emergency, everything depends on an effective and timely response.

That's why the TSW offers industry-leading control. Information from potentially thousands of devices is gathered and displayed on an easy-to-read, 3D graphical representation of your facility.

The TSW gives operators action messages, audio notifications, and detailed, step-by-step instructions to help guide their response, including informing colleagues. These powerful features help you take on emergencies with confidence and speed.

# Simplex TrueSite Workstation Server and

Advanced fire alarm management  
that's accessible to everyone

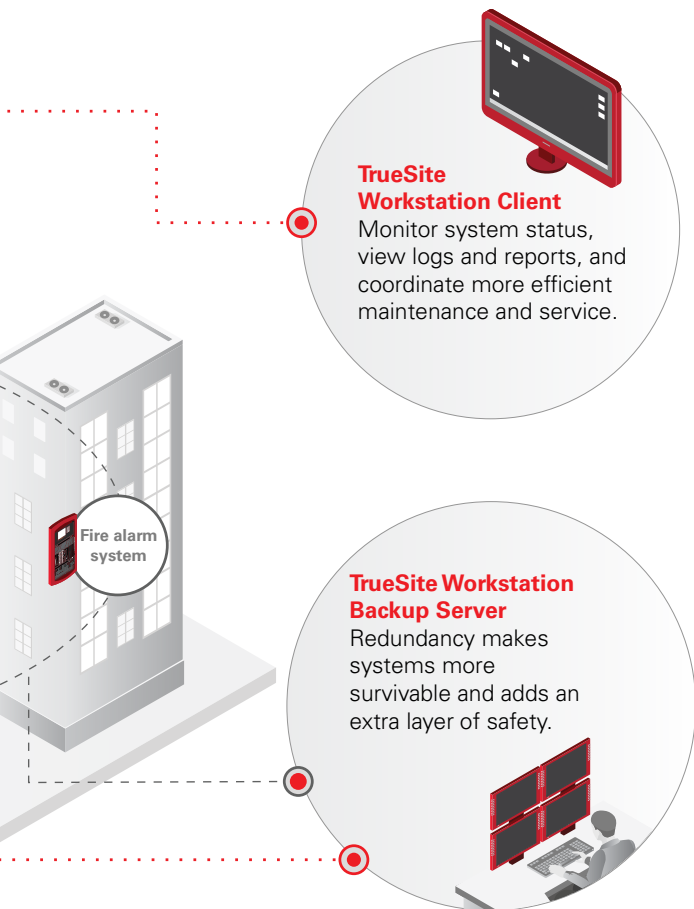


## Ideal for:

- Colleges and universities
- Hospitals
- Large commercial facilities
- Transportation hubs
- Multi-building campuses



# Clients



## **TrueSite Workstation Client**

Monitor system status, view logs and reports, and coordinate more efficient maintenance and service.

## **TrueSite Workstation Backup Server**

Redundancy makes systems more survivable and adds an extra layer of safety.

## **The TSW Server is a PC-based graphical command center that runs on MS Windows.**

It monitors and controls 687 network nodes, 60 clients, and up to 250,000 devices.

In the case of an emergency, all the critical information you need is shown on an easy-to-read graphical map of the facility. Large storage capacity within the TSW Server allows information for up to 500,000 events to be archived.

True peer-to-peer linkage with all network panels helps ensure continued operation even if individual nodes fail. The TSW also shows faults and can view and export extensive reports and historical logs. The TSW can monitor many control unit models and brands using agency-listed digital alarm communicators.

For systems with voice notifications, the TSW can initiate and control live and prerecorded messages, making it a vital component of your incident response and emergency evacuation plan.

## **TrueSite Workstation Remote Client**

TrueSite Workstation's remote client capability allows up to 60 users, including emergency response teams, to view system statuses and historical data concurrently.

The remote client capability also enables you to set up additional remote command centers.

## **TrueSite Workstation Mobile Client**

Access all the key features and functionality of the TrueSite Workstation remotely using your Apple® or Android™ mobile device.

# Building Systems Information Unit

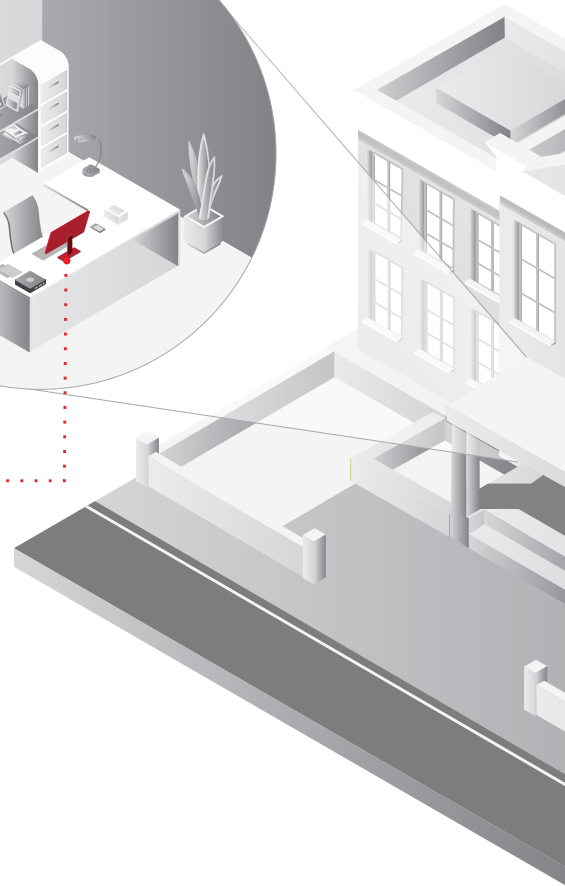
**Easier management. More information.  
Better incident response.**

## **Fire Alarm Control Unit**

The heart of the fire alarm system, all equipment is connected to it, and it provides alerts when there is an emergency or maintenance is needed.

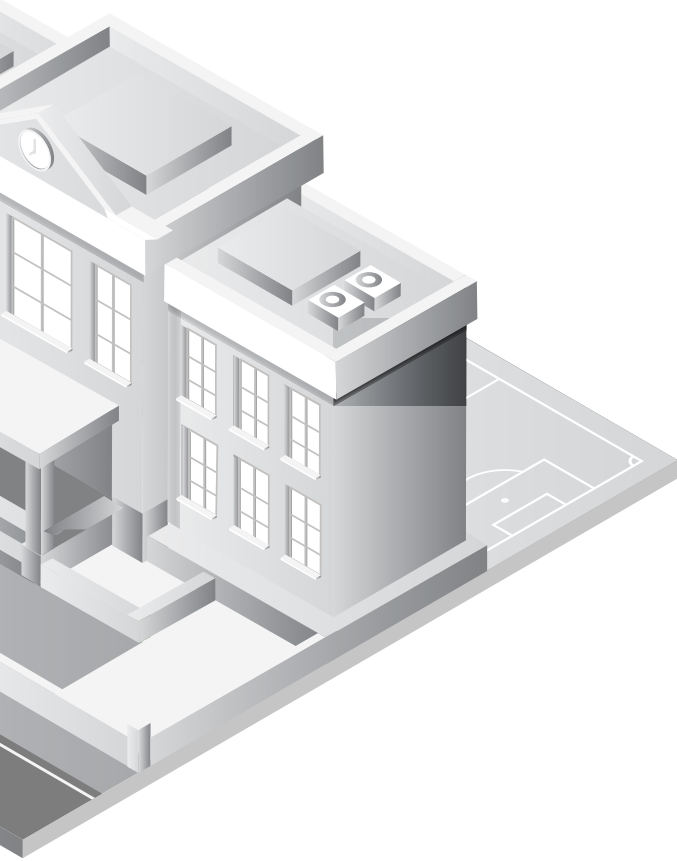
## **TrueSite Workstation BSIU**

Graphical management consoles show all fire alarm system information and provide redundant control features in an easy-to-understand format, making it easier for operators to respond to emergencies and service alerts.



### **Ideal for:**

- School districts
- Clinics and nursing homes
- Small commercial facilities
- Single-building systems



## **TrueSite Workstation Building Systems Information Unit**

- The TrueSite Workstation Building Systems Information Unit (BSIU) is designed for applications where you want the same intuitive operator interface and advanced annunciation and reporting features of the TrueSite Workstation but don't need all of its fire alarm system control capabilities.
- The BSIU can be run on commercially available computers – which are much more cost effective than UL864 listed machines – while still meeting all NFPA code requirements.
- The BSIU is a perfect fit for schools, medical office buildings, clinics, commercial properties, and other single building facilities.

### **Take the next step. Put Simplex products to work for you today.**

Be sure that your life safety system addresses the unique needs of your facility today – and will be able to take advantage of industry-leading innovations in the future.

As always, Simplex continues to advance state-of-the-art protection that helps make management easier and more cost-effective.

Choose Simplex networking and workstation solutions – and experience greater freedom and command of your life safety network today and for years to come.



Want more information?  
Visit [SimplexFire.com/Networking](https://SimplexFire.com/Networking)

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