# Simplex ES Net:
## IP-Based Life Safety Network

### Greater freedom, efficiency and speed

Your facilities rely on their networks, and the more efficient and capable those networks are, the better you'll be able to keep operations running smoothly. This includes your fire detection and life safety networks. Today, networks based on Internet Protocol (IP) technology have revolutionized the way we communicate, setting the standard for openness, power, speed and flexibility in an increasingly connected world. You can bring these advantages to your life safety system with ES Net, IP-based networking from Simplex.

### IP networking offers speed and flexibility at every stage

ES Net IP networking technology unlocks powerful benefits for life safety systems. With faster data rates and a wide range of wiring media choices, you'll experience greater efficiency in installation, operation and maintenance. And because IP is a standard, proven technology, as it continues to evolve over time, so will ES Net, making your life safety network more resilient and future-proof.

### Expanded media card support increases network options

Designers and installers can choose from a range of media to keep networks connected, including Ethernet, DSL, and single- and multi- mode fiber. ES Net also supports long distances between units – up to 25 km (82,000 feet) when using single-mode fiber. That means more ways to meet the specific performance needs and budget requirements of each facility.

## Customer Benefits:

- More flexibility when installing and expanding the network

- Program all panels on the network from a single point

- Take control with remote management

- Quicker upgrades for reduced network downtime

- Identify faulty conditions faster

## Faster data rate enhances efficiency

With ES Net, management and maintenance of your life safety network becomes faster and more efficient. Working with ES Net's data rates of up to 100Mb/sec, technicians can upload programming to all the panels on the network in minutes, which means less time can be spent on maintenance and upgrades.

## Mobile management keeps you in control

Take charge from anywhere. With ES Net, you gain the ability to remotely monitor and manage your network from a single console or mobile device with the TrueSite Workstation Mobile Client.

## Expanded bandwidth and memory strengthen network resilience

Many current life safety networks have bandwidth and memory limitations that can impact performance and require resets to get systems back up and running. ES Net's increased memory capacity and broader network bandwidth can improve uptime, help ensure more consistent performance, and provide the bandwidth needed to support future expansion and enhancements.

## Advanced diagnostics keep systems performing

In addition to the speed and flexibility of IP networking, ES Net also offers advanced diagnostic tools for ongoing system maintenance. That means faster installations, easier commissioning, more efficient pinpointing of network performance and connection issues, and ultimately improved uptime with better support.

As a proven supplier with a legacy of bringing innovative technologies to fire detection and life safety, Simplex has the demonstrated expertise and mission-critical experience to deliver IP-based life safety networking that you can count on – today and for years to come. Open the door to the the future with ES Net.
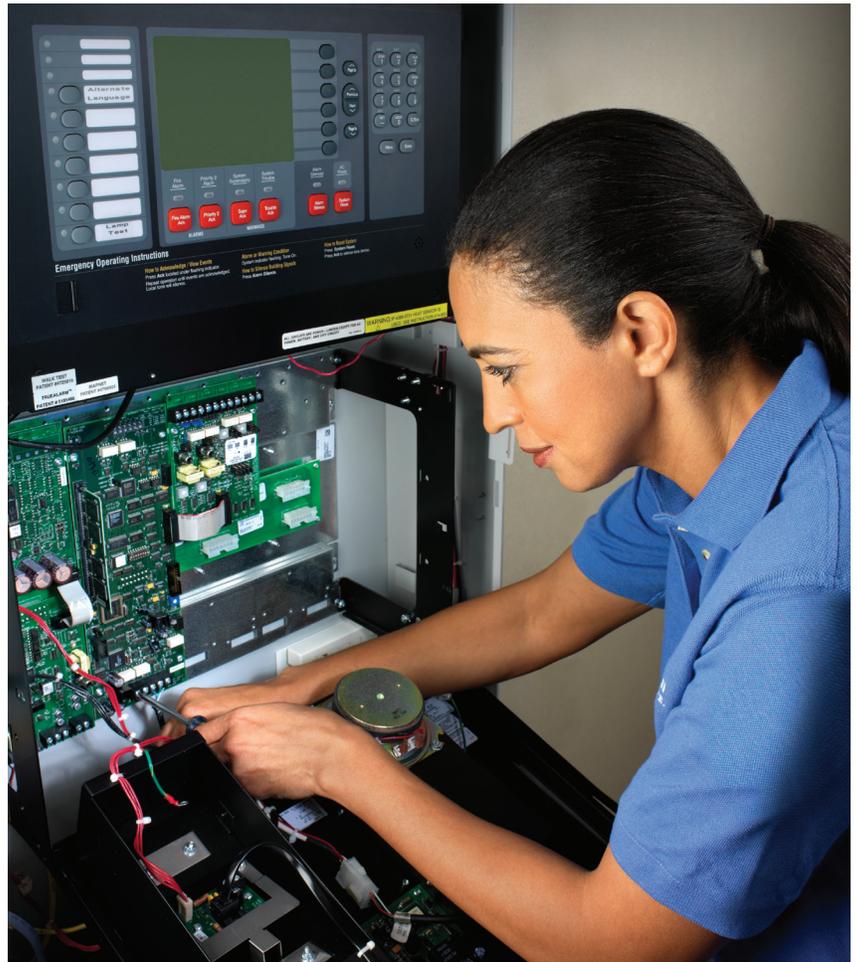
**Simplex**

**For more information**
Get all the performance and flexibility advantages of a life safety network based on IP.
To learn more about ES Net, visit **simplex-fire.com**.