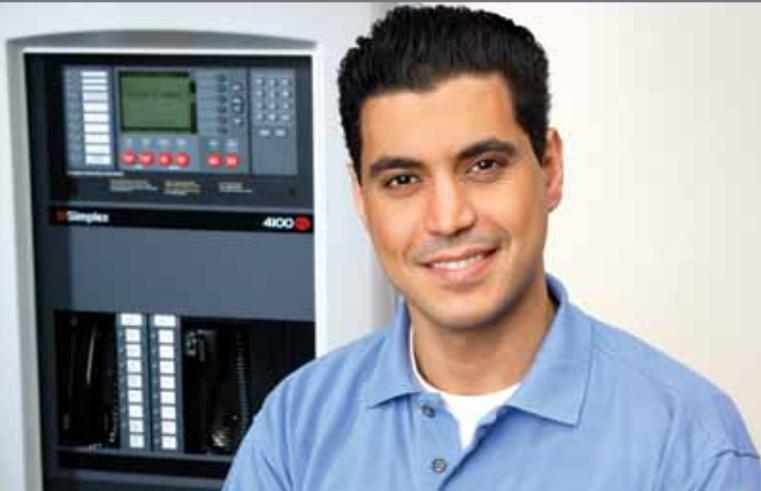


# Simplex 4100ES Fire Alarm Control Panel

**Exciting New Features. Enhanced Serviceability. An Extraordinary Upgrade.**



## Smart, Cost-effective Upgrade Solutions

Built upon the legendary, field-proven performance of the Simplex 4100 Series, the Simplex 4100ES (eServices) Fire Alarm Control Panel leverages new technology to help deliver higher levels of serviceability, manageability and value over the life cycle of your investment.

### **New 4100ES capabilities include:**

- Mass Storage Device can ensure that all of your system's software operating programs are archived in your panel. In addition, test reports and other critical historical information are stored in your 4100ES panel for instant retrieval. This technology meets CAN/ULC-S524-2014 requirements for on-site storage without the use of a separate, wall-mounted enclosure.
- Network programming changes can be completed over your IT backbone, making system revisions faster than ever and reducing the time required to have authorized personnel accompany technicians to sensitive areas of your facility.
- TrueInsight Remote Service allows remote diagnostics of your system to be performed by our highly skilled technical support team. TrueInsight enhances our ability to dispatch the right technician with the right parts to resolve an issue on the first visit to your site.
- The 4100ES can be equipped with leading-edge notification features, including the revolutionary Simplex TrueAlert addressable notification appliances and digital voice communications for emergency communications applications.

### **It's easy to step up to the Simplex 4100ES**

Tyco Integrated Fire & Security has a long history of protecting customer investments in fire and life-safety systems by providing seamless, economical upgrades that leverage existing infrastructure and minimize disruption to your operations. We continue that tradition with the 4100ES platform that protects your investment in legacy Simplex fire alarm technology, including our 4020, 4120, 4100 and 4100U systems.

Step 1: We analyze what's needed and design an upgrade package and a long-range strategy tailored to your needs. You'll upgrade only the panels and network nodes you want and proceed on a migration path that suits your budget and schedule.

Step 2: Our 4100ES Upgrade Package can be as easy as plugging a module into an existing panel or adding a new node to the network. In many cases, your existing wiring and devices stay intact.

Step 3: We offer a full range of service capabilities, including the game-changing remote diagnostics of TrueInsight Remote Service. We can help you keep your systems in top working order with various service options and our array of best-in-class services—testing and inspection, maintenance, 24/7 emergency repair and central monitoring.

### **Customer Benefits:**

- // Modular Simplex 4100ES upgrade package provides life-cycle investment protection
- // A cost-effective upgrade strategy that meets your needs and minimizes disruption
- // Mass storage devices to archive your system's software operating programs right in your panel
- // Network programming changes completed over your IT backbone, making system revisions faster than ever
- // Smart, IP-enabled technology supports remote fire alarm system diagnostics to proactively identify issues and resolve them on the first visit



**Next-generation Internet connectivity means faster service, less downtime, more efficiency.**

“Learn once, know many.” The 4100ES platform’s intuitive interface is loaded with new, information-rich features yet retains the classic look and feel of your current system. It will feel as comfortable to your operators as the interface on which they were trained.

**On-board Mass Storage Device.** Each 4100ES panel can support system configurations in memory, from the time of initial start-up right through the present. This Mass Storage Device is intended to ensure that a system’s critical revision history is not lost and always stays in a customer’s possession. And this can all be done with the ability to switch back and forth between programs. While one program is live, you can build and download another program to a stand-alone panel or multiple network nodes, without impacting network performance. You can then go live with the new program, test it and switch back to the original program before making corrections. The Mass Storage Device is fully supervised for removal and failure.

**Internet-enabled.** The 4100ES is breaking new ground in using the Internet in fire alarm environments. It puts Tyco Integrated Fire & Security at the forefront as emerging Internet-communications standards become more widely accepted in the fire alarm industry. The advanced 4100ES capabilities include the Simplex SafeLinc Internet interface module that can automatically e-mail your facilities’ first responders in the event of a change in system status. The 4100ES is designed to support future software uploads/downloads and remote diagnostics over your corporate LAN.

**Enhanced TrueAlert capabilities.** The 4100ES is designed to leverage the

full, addressable capabilities of our revolutionary Simplex TrueAlert notification technology. The 4100ES features TrueAlert functionality, which helps minimize installation and maintenance costs and provides self-testing of notification appliances. Emergency communications can be delivered more cost-effectively with TrueAlert notification appliances. Devices can be programmed to operate for either fire alarm or emergency communications, regardless of how they are wired in the loop.

**Faster on-site diagnostics for higher survivability.** Our proven, built-in diagnostics allow you to access key network and service information from anywhere—at the panel itself, at an operator workstation or from a remote laptop. Issues such as device-level ground faults can be rapidly isolated and resolved to help optimize system performance and minimize service costs.

**Smart power.** Our power supplies support intelligent, distributed communications for reporting accuracy. You can quickly read voltage levels and track issues such as ground faults, brownout conditions and depleted batteries.

**More device choices.** With the 4100ES system, you can upgrade to intelligent new Simplex IDNet devices such as carbon monoxide detectors while preserving your investment in legacy MAPNET devices. You can build out your MAPNET cards or expand to addressable IDNet devices, which feature lower power consumption, higher point capacity, multifunction capabilities and enhanced diagnostics to isolate device-level ground faults.

**The bottom line—life-cycle protection.** The real value of your Simplex 4100ES Upgrade Package begins where other fire alarm equipment leaves off. Tyco Integrated Fire & Security offers more than a solution—we offer a total life-safety management

strategy that can transform your Tyco Integrated Fire & Security investment into an asset with ongoing returns rather than an isolated expense. Our 4100ES Upgrade Package is just one more example of this strategy in action—and of Tyco Integrated Fire & Security leading the industry forward.

### **Why upgrade?**

Your Simplex fire alarm system is known for quality, reliability and flexibility in helping to protect life and property. However, our latest advancements can strengthen your overall life-safety program and enhance building operations. It may be an opportune time to upgrade to the 4100ES platform when:

- Your facilities are expanding beyond your system’s current capabilities
- You want to leverage the latest technology without having to replace your installed equipment
- You’re looking for optimum system performance

### **Tyco Integrated Fire & Security: Your complete fire and life-safety solution provider**

Tyco, a longtime leader in the life-safety industry, serves over a million customers with best-in-class fire alarm, sprinkler, suppression, security, and healthcare communications solutions. As a Tyco business, we advance safety and security by finding smarter ways to save lives, improve businesses, and protect where people live and work.

With our total solutions capabilities, Tyco Integrated Fire and Security stands out as a single-source partner that can install and service all of your life-safety systems.

To learn more about our extensive offerings, call us at **1-800-565-5400** or visit **www.TycoIFS.ca**

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