



# AsBuilt™

## IP Based Fire Control



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**The New Angle on Fire Protection**



Need to choose a control panel for an upcoming job? Matching your protection requirements with the capabilities of *anyone's* control panel can be a daunting task. Loop limitations, device limitations, power limitations....limitations!

So we have to ask: *why are you still using a control panel?*

**We don't.**

The **IP Fire Series™** from **AsBuilt™** is an advanced modular fire control system that has **no central control panel** - and no limitations!

When you *eliminate* the control panel, you eliminate the problems inherent to it: *"Can it handle all of the processing requirements? What if I need more SLC's? Can I avoid long wiring runs? What if I need to expand? What happens if the control panel fails?"*

Questions like these shouldn't be relevant anymore - *and they're not*. The IPF™ system distributes intelligence, distributes processing and is completely expandable in single-module increments. The modules are capable of stand-alone operation yet communicate seamlessly to become the fire protection system. Break an IPF™ module network and it will automatically form sub-networks. Cut a communication path and it can find another.

Take away the control panel and take away your limitations!

By creating modules capable of independent operation and distributing them throughout a protected premises, we not only *eliminated* the central point-of-failure that is also inherent to control panels, we *added* the very powerful benefits that *only* distributed processing can offer: **high speed, complete scalability, maximum redundancy and survivability.**

From **2** to **50** modules on a **single system**, the IP Fire Series™ is the most innovative, most reliable and most powerful fire protection system ever developed.

The IPF™ system offers a core set of functional modules that include SLC's, NAC's, Displays, Annunciation and Power. These modules are distributed throughout the building yet join together to form the fire protection system. No longer must your your system **reside in the same cabinet, on the same PC board or even in the same building.** IPF™ systems bring complete flexibility to the system designer. Need an SLC? Add an SLC. Need it on the top floor? Put it there. It's completely up to you.



For reliability and speed, we used the *most tested* addressing and communication methodologies ever invented. The modules are IP addressed and communicate with each other over an Ethernet backbone. *This may allow your end-users to take advantage of their existing investment in their building's Ethernet infrastructure.* If not, we still eliminate long wiring runs to a central control unit since our modules only need an Ethernet loop to tie into (and we used industry standard protocols to make future integration a snap). We have several versions our own UL864/9th edition switches that can accommodate any requirement, including MESH networking - for the ultimate in system design flexibility and communication redundancy.





The IP Fire Series™ is *ideal for retrofit* since we only use the Ethernet backbone to communicate between modules. Field devices connect to the module using traditional field wiring methods making it simple to pick up existing SLC's and NAC's. We also offer pre-packaged, pre-configured systems that require no Ethernet communication at all!

AsBuilt™ offers a series of configurable cabinets that provide for a variety of installation options when placing modules in the field. Whether it be for retrofit or new construction, IPF™ cabinets range in size to accommodate single or multiple modules *with or without integral power supplies*. IP Fire Series™ power supplies are distributable and provide for both internal and external 24V power taps.



In addition to the advanced architecture and communication scheme of the system, IP Fire Series™ performance features are hard to match. Features like **Group/Zone and Boolean Logic control-by-event programming, Day/Night sensitivity settings, Coded Signaling, Auto-Programming, Programmable Signal Silence timeout/restore, Positive Alarm Sequence, Programmable Soft Keys, Drift Compensation, NAC synchronization, Silence Horns Only, Built-in USB ports and much more.**

**Two integral USB** ports on every display module are used for system programming, Modules can be easily backed up for safekeeping to any standard type 2.0 USB storage device. Systems can be provided with an optional built-in QWERTY keypad - or simply plug any standard USB enabled keyboard (wired or wireless) to the modules USB port to access the built-in system programming functions.

If you're still not convinced, the IP Fire Series™ offers **Agent Releasing, Distributed High-Rise Voice Integration and UUKL Smoke Control** for more complex jobs. We also offer a variety of **fiber optic switches** that provide 4 or 5 ports of copper and 1 or 2 ports of fiber (single or multi-mode) on ST or SC connectors.

The IP Fire Series™ works *exclusively* with both the XP and Discovery detector lines. These two lines of **advanced intelligent detectors** can be intermingled on any IPF™ SLC to ensure that you always have the right detection for the job at hand. Both Series share the same broad array of detector bases making interchangeability a snap. The bases feature the patented XPERT™ programming card which mechanically locks the device's address securely into the detector base - eliminating the possibility of accidental re-programming.

Easy to install, easy to commission, hard to beat, the IP Fire Series™ blends all of the latest communication and performance technologies to provide the most powerful fire control system available anywhere.

Whether you're looking for flexibility, scalability, survivability or overall superior performance, **specify** The IP Fire Series™ from AsBuilt™ on your next job.

We guarantee that once you see fire protection from our angle, you will never look back.

For more information on the IP Fire Series™ or AsBuilt™, please write us at [info@AsBuiltES.com](mailto:info@AsBuiltES.com) or visit us on the web at [www.AsBuiltES.com](http://www.AsBuiltES.com).

For information on distribution opportunities, please write to us at [sales@AsBuiltES.com](mailto:sales@AsBuiltES.com).

