



IT KNOWS IF IT'S A SMOKE PARTICLE OR A SPECK OF DUST.

IF IT'S IN THE LOBBY OR ON THE LOADING DOCK.

IF YOU NEED A FIREFIGHTER OR A TECHNICIAN.

IT KNOWS.



THE FIRE DETECTION SYSTEM THAT THINKS FOR ITSELF

# INTELLIKNIGHT



# INTELLIKNIGHT 5820. THE **SMART** WAY TO MAKE THE MOST OF TECHNOLOGY WITH LESS OF YOUR BUDGET.

IntelliKnight's analog/addressable smart panel knows the difference between a fire and a dirty sensor. It lets you tailor sensor sensitivity and gives you immediate, pinpoint accuracy for any condition.

Power is located near the equipment it controls, reducing wiring, installation and maintenance costs for the life of the product.

And the modular design is ideal — and expandable — for all-sized applications. You can even manage the entire system off-site.

With IntelliKnight, advanced technology reduces nuisance alarms and makes service calls a rarity. And you buy only what you need. Which isn't only smart. It's the only way to do business.



IntelliKnight is the first fire detection system to integrate analog technology with a built-in digital dialer. That makes it amazingly smart, fast and cost-effective.

## BREAKTHROUGH PERFORMANCE

Historically, the panel in a conventional fire detection system merely acknowledged information sent from the sensor. There hasn't been "smart" technology to verify or pinpoint problem conditions.

IntelliKnight's analog/addressable panel uses data from multiple sensors to accurately identify and isolate problems. You'll know if there's a fire or just a gradual build-up of dust in the detector.

## EXCLUSIVE BUILT-IN COMMUNICATOR

IntelliKnight offers another built-in advantage — a unique digital communicator for unmatched data accuracy and fast response.

The built-in design is smarter and more cost-efficient than add-ons. It gives you full communication to the central station and can even send maintenance data to a different monitoring location.

Conventional slave dialers communicate limited amounts of data. IntelliKnight identifies and communicates thousands of events for a clearer status picture. The dialer communicates accurately with remote sites and even lets you program, service, and test the system via an off-site PC. It gives service people detailed data so they come prepared, minimizing downtime and unexpected costs.

## REVOLUTIONARY VALUE

Distributed intelligent power. Addressable, analog sensors. An exclusive built-in communicator. IntelliKnight is the first fire detection system to integrate so many technological advantages into a single product. This synergy creates a system greater than the sum of its parts — with cost-effective advantages at every turn.

## ENDLESS APPLICATIONS

- COLLEGES AND UNIVERSITIES
- HOSPITALS
- SHOPPING MALLS
- WAREHOUSES
- OFFICE TOWERS
- BUSINESS CAMPUSES
- MANUFACTURING FACILITIES
- APARTMENT BUILDINGS
- RESIDENTIAL COMPLEXES
- SENIOR HOUSING
- DAY CARE CENTERS
- STORAGE FACILITIES
- FITNESS CENTERS
- NURSING HOMES
- HIGH SCHOOLS
- HOTELS AND MOTELS
- MUNICIPAL AIRPORTS
- BANKS
- DEPARTMENT STORES
- CITY AND COMMUNITY BUILDINGS
- RESEARCH INSTITUTIONS
- DISTRIBUTION FACILITIES
- DORMITORIES
- MILITARY FACILITIES
- BUS AND TRAIN DEPOTS
- GOVERNMENT OFFICES
- POLICE AND FIRE STATIONS
- LIBRARIES
- MUSEUMS
- AND MUCH MORE

## EXCLUSIVE INTELLIGENT POWER INCREASES YOUR FLEXIBILITY.

Traditional fire systems connect all components to a single main panel. But Silent Knight's intelligent power modules (IPM) put power next to the equipment they control. That means smaller gauge wire and less of it. That also means that installation time will be slashed, along with the hassles. You'll have less mess and reduced costs — and better all-around efficiency.

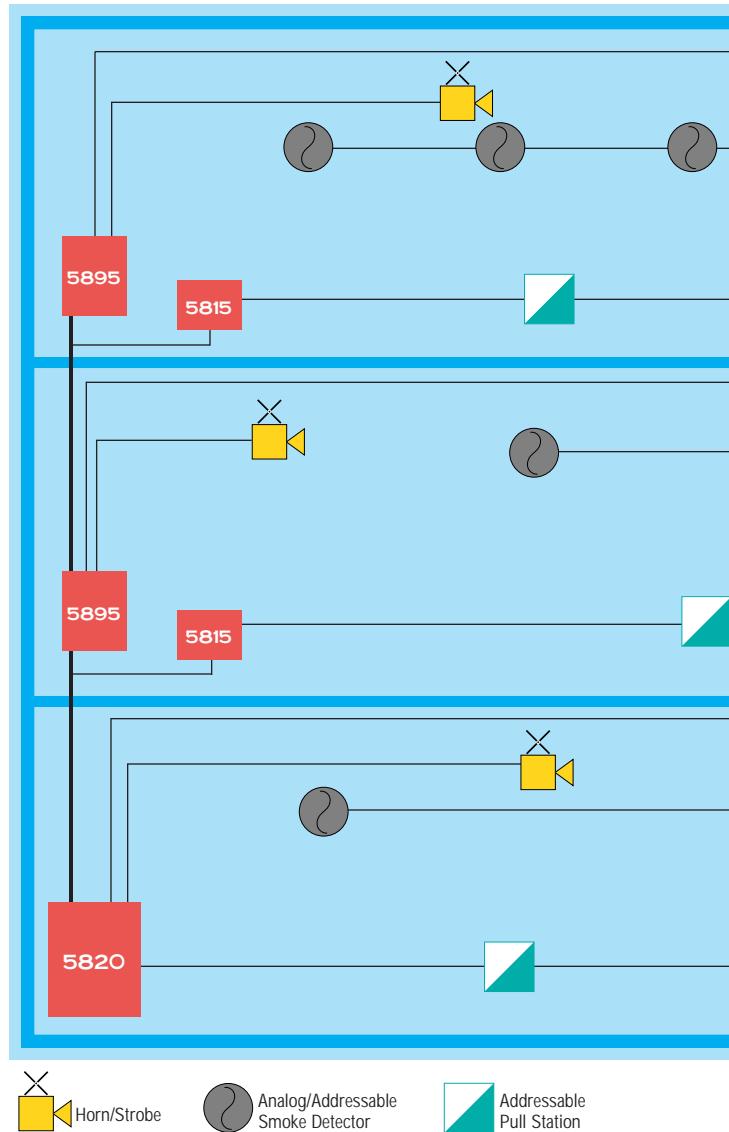
### MODULAR DESIGN CONTROLS COSTS

Our unique series of signalling line circuit (SLC) expanders control data between individual sensors and the main smart panel. By integrating SLC and IPM technology, IntelliKnight gives you more flexibility and more cost-effective solutions throughout your system.

Each SLC expander continuously retrieves and processes information from sensors within its loop. It then sends that data to the main panel, which verifies it and uses it to determine when a fire or trouble condition exists.

Each IPM is individually powered to facilitate installation and service throughout the life of your system. In fact, all installation and maintenance costs have been reduced by minimizing equipment and service time.

IntelliKnight's inherent flexibility makes the system ideal for retrofit applications and makes it easy to adapt as codes change and your business expands. You won't need to invest in new equipment or miles of extra wire.



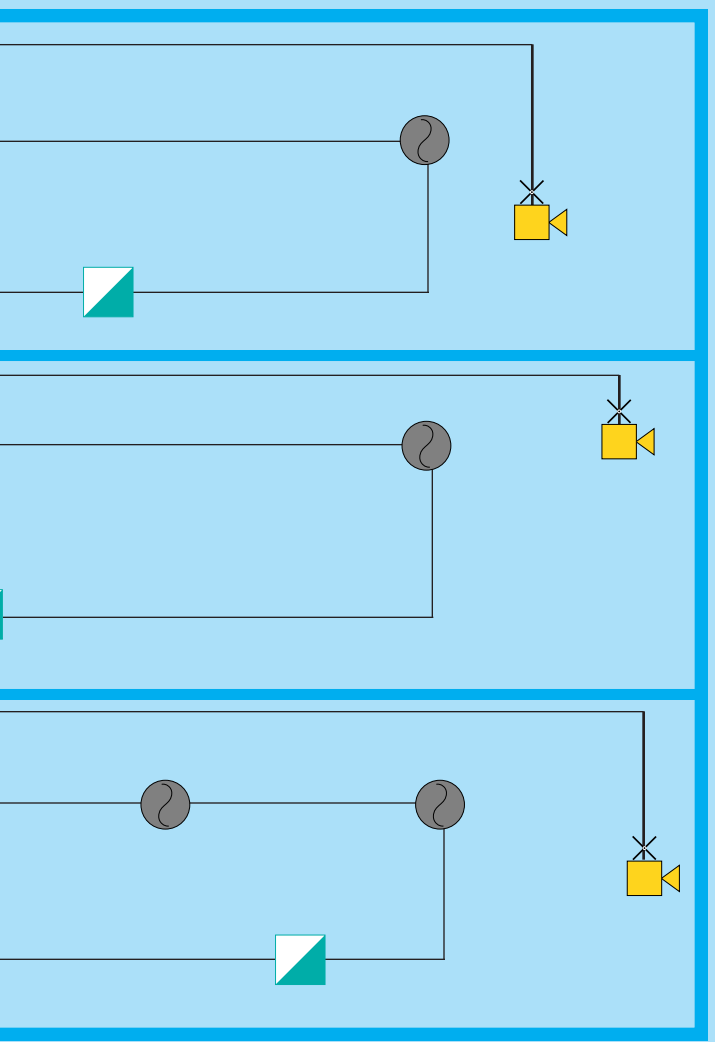
### EASY-TO-USE ADVANCED INTERFACE



IntelliKnight panels have been carefully engineered to make operation smart, simple and safe. Each features a handsome, ergonomically correct interface with buttons that are easy to punch and a large LCD that's easy to read. You can choose mechanical key or user code operation, whatever makes the most sense for your business.

The cabinet enclosure — for either surface or flush-mount use — features a dead-front cover that protects operator and system alike. Add an easy-to-use remote annunciator and you have an interface that's truly user friendly, whether you fight fires or work with equipment.





IntelliKnight is the first system to integrate SLC expanders with intelligent power modules. The result is more accurate data, faster response, and system-wide cost control.



### SMART PANEL POLICES THE SYSTEM

IntelliKnight's smart panel monitors system performance. For instance, the panel recognizes when dirt or other contaminants have infiltrated a particular sensor. It then automatically adjusts sensitivity or notifies you that the sensor needs servicing.

When IntelliKnight does verify a fire condition, it will act with superior accuracy and speed, giving operators and firefighters the data needed for quick, decisive action.

### THRESHOLD SETTINGS TAILOR SENSITIVITY

Standard sensitivity settings allow you to fine tune IntelliKnight to your operation, giving you considerable flexibility within your own system.

For instance, use a lower setting in lobbies, conference rooms and other areas where smoke or smoking are common. Use a higher sensitivity setting for areas in which you conduct normal business operations, but where smoke is not typical.

### DAY/NIGHT SENSITIVITY SETTINGS

You can also program sensors to be less sensitive during the day to compensate for potential contaminants in the air or conditions resulting from manufacturing processes.

You can program sensitivity to automatically increase or decrease at any time and in any area you designate.

### DRIFT COMPENSATION LIMITS FALSE ALARMS

Sensitivity of the IntelliKnight sensor automatically adjusts to dust, dirt or contaminants that may accumulate in its sensing chamber.

The smart panel reads this information and differentiates between dirt or smoke particles to reduce false alarms and keep the system operating at peak efficiency.

## THE SMARTEST SOLUTION TODAY. THE SUREST PATH TO TOMORROW.

IntelliKnight is a combination of what we do best — innovate solutions within a cost-effective system. Like all Silent Knight products, it gives you the protection you need now without wiring you into a corner.

For more than three decades, we've devoted ourselves to developing products and services that meet the changing demands of your business. IntelliKnight, for instance, uses industry-standard communications protocols and systems that easily allow integration with Silent Knight and other systems. So when you are ready to upgrade or unify your system, we'll be there to simplify the process.

And we've built in ANSI cadence patterns, which give you advanced performance today and make sure you keep pace as the industry adopts new standards.

IntelliKnight isn't merely a piece of equipment; it's a solution for your business. It isn't just another piece of hardware; it's a revolutionary system that will put you comfortably on the cutting edge of fire detection without jeopardizing your bottom line.



Powerful IntelliKnight accessories provide unmatched flexibility.

### INTELLIKNIGHT 5820 FEATURES

- Analog/addressable points.
- Distributed power.
- Modular design.
- Flexible analog sensor sensitivity settings.
- Day/night sensitivity settings.
- Drift compensation.
- Dead-front cabinet design.
- 6-amp power supply built into the 5820.
- Flexput™ I/O circuits programmable as initiation or notification circuits (with ANSI cadence pattern).
- Built-in annunciator with 80-character LCD display.
- Built-in tactile keypad for user-friendly system operation and programming.
- Built-in RS-485 bus provides robust communication to system accessories.
- Built-in RS-232 interface for printing and programming via PC.
- Built-in digital communicator featuring SIA and Contact ID formats.
- 2 programmable relay outputs.
- Form C trouble relay.

### 5860 REMOTE FIRE ANNUNCIATOR

- RS-485 interface structure for connection to main panel.
- Annunciator with 80-character LCD display and tactile/audible feedback.

### 5815 SIGNALING LINE CIRCUIT (SLC) EXPANDER

- RS-485 interface structure for connection to main panel.
- Supports addressable sensors and modules (127 per expander) in any configuration.
- Class A and Class B configurations.

### 5895 INTELLIGENT POWER MODULES (IPM)

- RS-485 interface structure for connection to main panel.
- 6 amps of power.
- Supports 17-amp-hour back-up batteries in standard enclosure (34-amp-hour with optional enclosure).
- 6 Flexput™ I/O circuits.
- 2 programmable relay outputs.



# THE PEOPLE YOU CAN COUNT ON FOR THE **TECHNOLOGY** YOU NEED.

Your Silent Knight representatives are your most important connection to IntelliKnight technology.

By listening to your needs and studying your facilities, we will show you the most effective IntelliKnight configurations for your applications. Before, during and after installation, we are committed to helping you manage your business with the smartest solutions available.

## CALL TODAY TO **SECURE** YOUR FUTURE.

Analog/addressable technology with built-in digital communication. All at a conventional price. IntelliKnight is truly the most revolutionary value in the history of fire detection.

Today you're in perfect position to take advantage of this amazing technology without committing excessive amounts of your operating expenses.

Make the most of this opportunity. Call your Silent Knight representative and see just how smart IntelliKnight is for your business.



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**INTRUSION DETECTION**



**ACCESS CONTROL**



**FIRE SYSTEMS**



**COMMUNICATIONS  
MONITORING**



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