



UNPRECEDENTED SPEED

ULTIMATE POWER

EX~~TREME~~ INTELLIGENCE



CHEETAH



Fike® Corporation offers you a revolutionary advancement in fire safety and protection. Our innovative Cheetah Xi system saves lives and valuable assets through its unprecedented speed, intelligence and flexibility.

EXTREME PROTECTION —

FASTER RESPONSE,

TWICE THE CAPACITY,

MORE INTELLIGENCE

THAN EVER.



### CHEETAH Xi IS A DIGITAL, PEER-TO-PEER, BI-DIRECTIONAL COMMUNICATION SYSTEM.

Our state-of-the-art control system is the right choice for your next installations of Fire Alarm, Clean Agent Suppression, Carbon Dioxide Suppression, Watermist and Sprinkler/Pre-Action:

- 6.0 amp power supply, Expandable to 12 (5.25 amp with CheetahXi 50)
- 80-character LCD with 10 status LEDs to provide instant visual information 3200-event history buffer
- Optional internal point ID DACT
- NAC circuits provide built-in synchronization and multiple output patterns
- (2) SLCs standard, expandable to (4)
- SLC loop has a maximum length of 12,000'
- Supports 254 devices per SLC, any combination of sensors or modules (CheetahXi 50 supports 50 devices)
- Networkable up to 128 nodes including other Cheetah Xi panels as well as the CyberCat 1016 and 254 Fire Alarm panels
- Positive alarm sequence
- Unique digital peer-to-peer operation with intelligence in the field devices, not just the control panel
- Style 4, 6, or 7 wiring capability
- Up to 4,000' of wire between network nodes
- Full integration with VESDA™ air sampling products
- Sensors and modules available with built-in isolators for limited isolation or true Style 7 isolation
- Up to 253 zones to map initiating devices to control functions
- Releasing function provides three input types; cross zone, counting zone and single detector, and 6 abort types
- Four levels of password protection with built-in individual user profiles

### S P L I T - S E C O N D S P E E D

#### WHEN SMOKE AND FIRE THREATEN CRITICAL ASSETS TO THE SUCCESS AND OPERATION OF YOUR BUSINESS, REACTION TIME IS CRUCIAL.

In just ten seconds, profound loss can occur. That's why we've designed Cheetah Xi detection and suppression panels to respond faster than the industry requires. With a Cheetah Xi system in your facility, the response time between the initiation of an alarm to the activation of output devices occurs in as little as one-quarter second.

**HOW DOES FIKE DELIVER SUCH INCREDIBLE SPEED?** Fike's Cheetah Xi system eliminates polling delays and interference. Information is delivered simultaneously from the intelligent sensors to the suppression panel and other devices within the system. This direct communication achieves response times that are lightning fast.

#### CHEETAH Xi SENSOR FUNCTIONS

- Integral sensitivity testing
- Drift compensation
- Manual sensitivity adjustments
- Day/Night sensitivity adjustments
- Multi-colored LEDs that provide you instant status of devices
- Programmable remote LEDs
- Alarm verification
- Early warning option (summing up to 8 sensors)
- Built-in acclimate feature

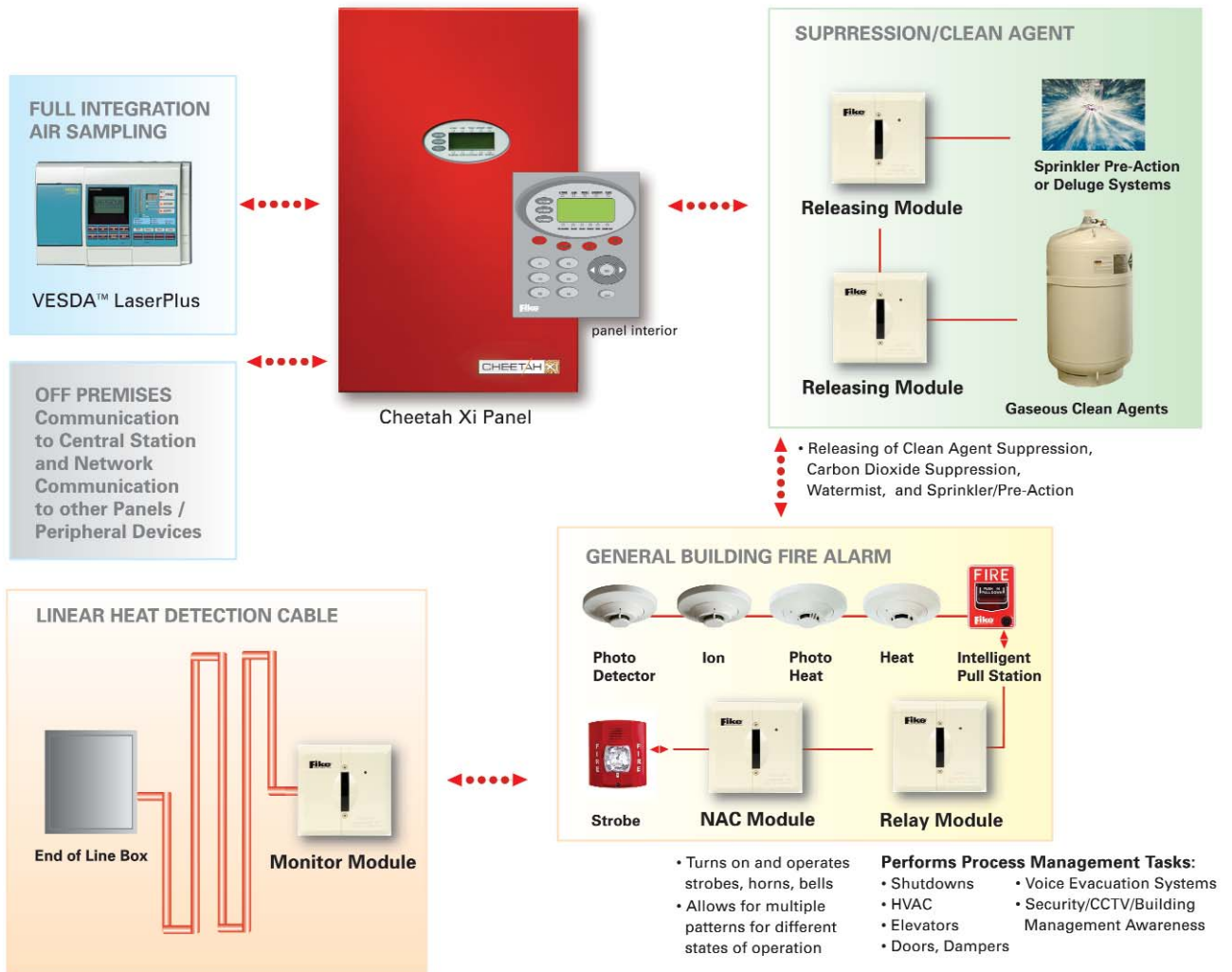
Fike®

# C H E E T A H   X i   F L E X I B I L I T Y

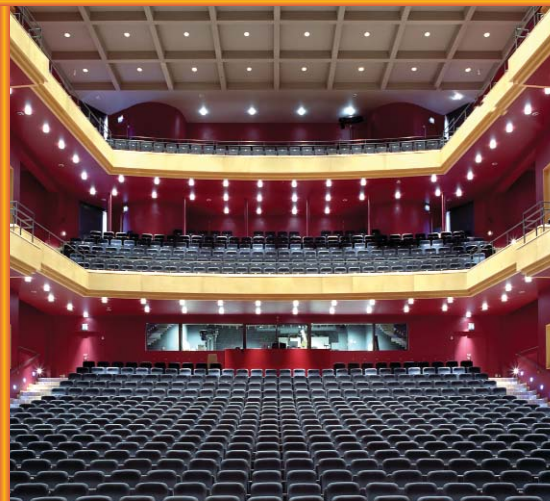
## CHEETAH Xi PERFORMS OPERATIONS WITH SPEED, INTELLIGENCE AND FLEXIBILITY

Our intelligent Cheetah Xi system can be programmed to relay information and perform process management tasks. Fike can help you design the ideal Cheetah Xi system for your facility.

## ONE PANEL FITS ALL YOUR NEEDS FOR LIFE SAFETY AND FIRE PROTECTION



# E X T R E M E   P E R F O R M A N C E





# C H E E T A H   X i   I N T E L L I G E N C E



Cheetah Xi 1016

Fike's intelligent Cheetah Xi system turns every device into a peer. These peers not only communicate up-to-the-second information to the control panel, they also communicate with each other.

Each device is capable of generating accurate and highly detailed information. Conventional systems give you a general idea of a fire's location — for example, the second floor of your building. Cheetah Xi's intelligent sensors tell you precisely which device is in alarm and specific information on that hazard — for example, a specific location on the second floor.

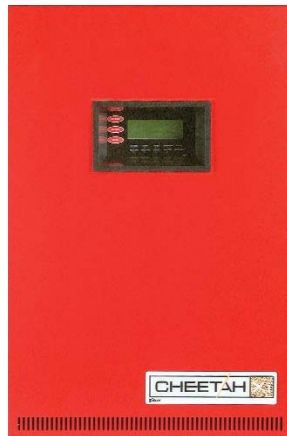
In addition, Cheetah Xi modules can be programmed or tied in to other systems such as:

- Shutdowns
- Voice Evacuation Systems
- Doors
- Releasing of Clean Agent Suppression, Carbon Dioxide Suppression, Watermist, Foam, and Sprinkler / Pre-Action
- HVAC / Smoke Control
- Dampers
- Elevators
- Security / CCTV / Building Management Awareness

## FIRE SUPPRESSION SOLUTIONS THAT FIT YOUR NEEDS

The Cheetah Xi gives you the freedom to design the ideal system for your facility. The 1016 system comes standard with two Signaling Line Circuits (expandable to four loops) that support 254 devices each. And you can network up to 128 Cheetah Xi's and/or the Fike CyberCat fire alarm panels, for up to any combination of 130,048 sensors and modules!

Now, the addition of the Cheetah Xi 50, brings all that power and technology to stand-alone or smaller business applications. The Cheetah Xi 50 intelligent fire suppression system is flexible, fast and efficient, in an economical package.



Cheetah Xi 50

**Same Speed. Same Intelligence. Same Great Value.**

## FLEXIBLE WAYS TO PROGRAM YOUR SYSTEM

### Control Panel

- Basic programming / configuration through the keypad
- Auto Address feature
- Address intelligent devices
- Address / configure devices via C-Linx software

### InfraRed (IR) Remote Tool

- Communicate bi-directionally with any intelligent device
- Easily address devices
- Access / test hard-to-reach intelligent devices



### Handheld Programmer



- Address intelligent devices
- Address / configure devices via C-Linx software
- Handheld training panel for new technicians

## CHEETAH Xi PROTECTS ANY OCCUPIED SPACE

Whether you're protecting a new building or retrofitting an existing space, Cheetah Xi has the flexibility to address all your requirements.

- Data Centers
- Telecommunications
- Generator Rooms
- Internet Service Providers
- Mining
- Museums
- Warehouses
- Office Buildings
- Retail Stores
- Schools
- Industrial Facilities



## C H E E T A H   X i   F L E X I B I L I T Y

Cheetah Xi gives you the freedom to design the ideal system for your facility. You can easily control just a few devices or up to 130,048 devices. Plus, you can mix and match sensors and modules in virtually any combination needed for your specific application. With Cheetah Xi, the possibilities are endless.

### STAND ALONE SYSTEMS

#### CHEETAH Xi 1016

- 2 Signaling Line Circuits (SLCs) expandable to 4
- Supports up to 1,016 devices
- Any combination of sensors and modules
- Supports up to 31 Remote Annunciators



#### CHEETAH Xi 50

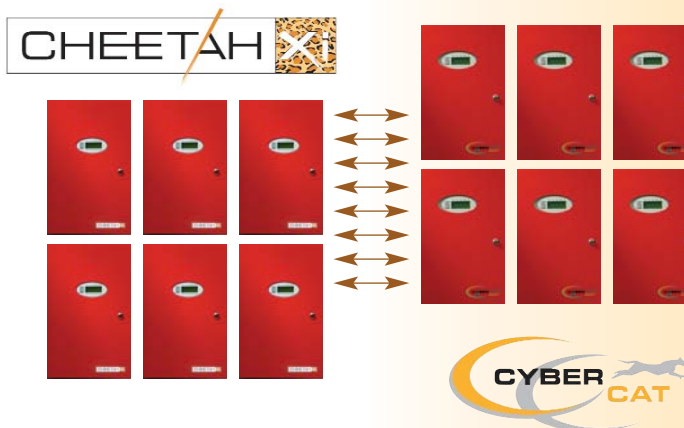
- 1 Signaling Line Circuits (SLC)
- Supports up to 50 devices
- Any combination of sensors and modules
- Supports up to 31 Remote Annunciators



### NETWORK SYSTEMS

#### CHEETAH Xi SYSTEM NETWORK with Fike CYBERCAT® FIRE ALARM PANELS

- Connects up to 128 Cheetah Xi control panels and CyberCat panels in any combination
- Supports 130,048 devices
- Any combination of sensors and modules



## E X T R E M E   S A F E T Y







I N T E L L I G E N T  
S U P P R E S S I O N  
C O N T R O L  
S Y S T E M



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CHEETAH Xi – ONE PANEL FITS ALL  
YOUR NEEDS FOR LIFE SAFETY  
AND FIRE PROTECTION



# Fike®

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