Kidde
United Technologies

Technology that saves lives

Versatile

VM Standalone and Networked Life Safety Solutions

See what's possible now.

Shine brighter

VM Series represents the latest generation of life safety control panels for mid to large sized applications. With large multi-message displays, intuitive interfaces, and stylish contoured cabinets — these systems capture the imagination, and catch the eye. But behind the LCD display is where they really shine.

New TCP/IP-enabled microprocessors and chipsets take full advantage of the latest advances in computing technology, leading to smarter, faster, higher-capacity processing and more efficient designs. VM Series's patented *Voltage Boost*™ technology, for example, delivers constant voltage on NAC and AUX circuits – even at low battery power – resulting in lighter cable requirements and longer runs. That saves time and money.

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Fire alarm and emergency communications solutions for mid to large sized buildings.

Go further.

VM Series delivers high performance features exactly where you need them because flexibility is where VM's leading edge computing power is put to best use. In fact, VM Series can handle jobs that range from a single stand-alone control panel, to a sophisticated network comprising as many as twenty four control panels processing data from up to 24,000 device addresses. VM supports carbon monoxide detection integrated right into the same device that detects smoke, helping reduce installation costs while providing detection of potentially deadly carbon monoxide gas.

Networking at the speed of light
Networking is among VM Series' strong suits. A simple VM network can comprise up to 24 panels – enough to serve the needs of most campuses and larger buildings. Highly efficient RS485 connectivity, plus fiber-optic communications deliver faster response times and more sophisticated diagnostic capabilities, while cost-effective remote annunciation solutions keep basic monitoring and control always within reach.

Versatility built right in
The VM control panel has room for three fully-programmable front panel switch/LED strips. Each strip includes 12 switches with two associated LEDs (one quad-color, and one yellow), and a custom label area. LED color designations are assigned by the installer.

Perfect for retrofits
VM Series is particularly well-suited to retrofit applications. All connections are made over standard wiring – no shielded cable required. This means that in most situations existing wiring can be used to upgrade a legacy control panel to VM Series technology without the expense or disruption of rewiring the entire building.

Power that goes the distance
Patented *Voltage Boost*™ technology delivers a constant 22.5 V on NAC and AUX circuits – even at low battery power. This means lighter gauge cable can be used for equivalent distances compared with conventional power supplies, or longer wire runs on the same gauge cable. Either way, this breakthrough technology saves time and equipment costs, making VM not only a high-performance solution — but a cost-effective one as well.

Tuned up and in synch
VM's four on-board Notification Appliance Circuits are fully synchronized to UL 1971 standards — without the need for external modules or other electronics. It's ample 10-amp power supply is finely tuned to get the most out of the widely-acclaimed low profile Genesis notification appliances.

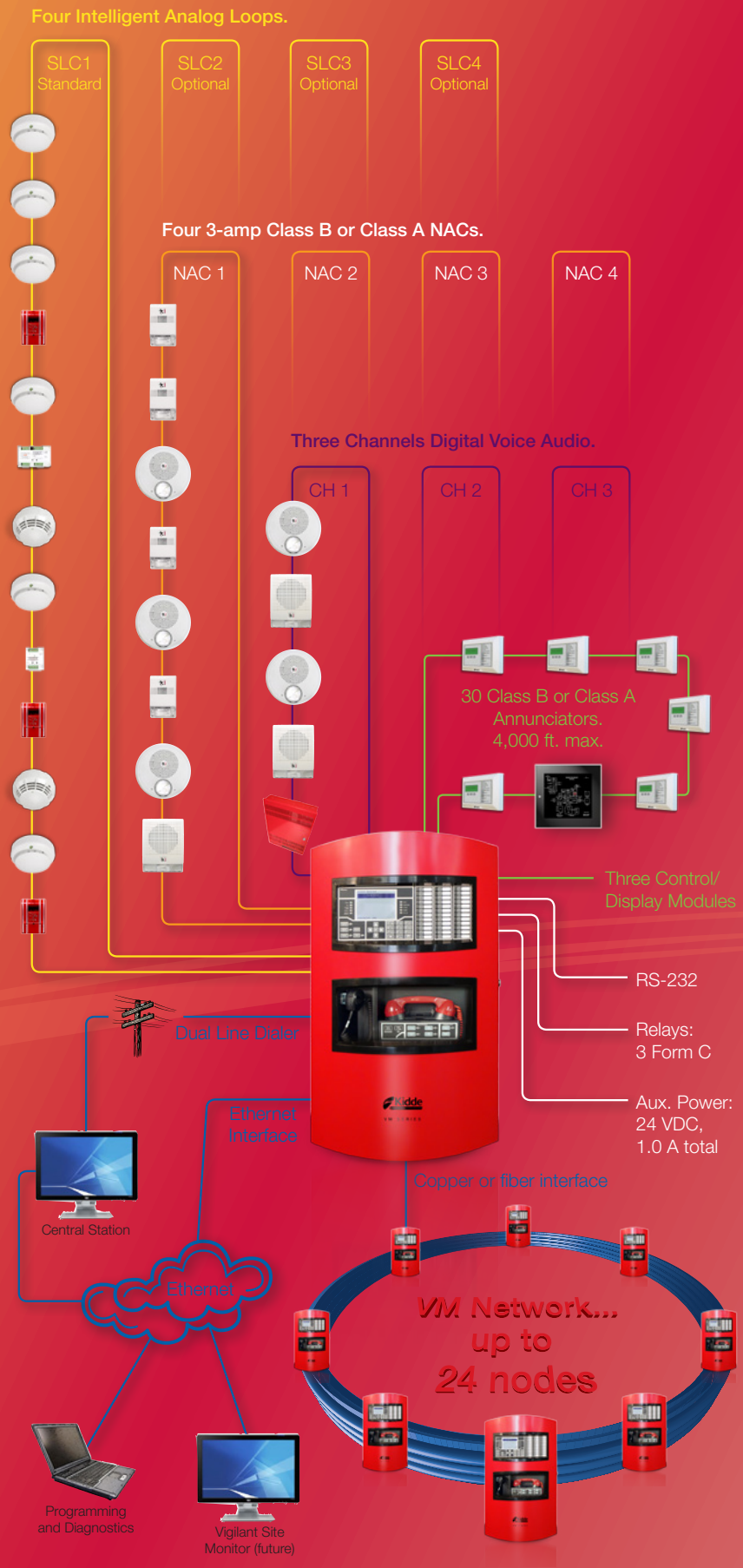
The smart choice
Electronic addressing eliminates the tedium of setting dipswitches, and automatic device mapping ensures that each device resides on the system at its correct location. Meanwhile, innovative programming features allow the system designer to customize powerful built-in features to precisely suit the needs of the building owner.

VM Series' modular design makes system configuration quite literally a snap. With a range of option cards that extend networking, audio, and communications capabilities — VM control panels can easily keep pace with even the most demanding jobs. Ethernet programming, Central Station Communication, Email, and diagnostics makes these panels accessible any time, from anywhere — so service personnel can spend more time doing, and less time looking... and that makes for fewer disruptions and happier building owners.

Face time:

VM features large tactile control buttons, quad-color LED indicators, and a 24-line by 40-character backlit LCD capable of displaying eight simultaneous events.

Aim higher.



VM option cards allow you to fine tune any application to deliver exactly the features you need at the lowest possible price.

- **VM-SLC Signaling Line Circuit Card** provides one Class B or Class A signaling line circuit loop on a VM-CPU main board or VM-SLCXB that supports up to 125 detector and 125 module addresses. The card also provides resettable 24 VDC for powering conventional two-wire smoke detector circuits on GSA-Series modules.

- **VM-SLCXB Signaling Line Loop Controller** provides up to two expansion Class A or Class B data circuits for VM Series detectors and GSA modules. It includes one preinstalled VM-SLC signaling line circuit card. A second SLC card (separately purchased) can be added to provide an additional device loop. Each device loop supports up to 125 Detector and 125 module addresses.

- **PS10-4B Power Supply Board** provides the required power and related supervision functions for the control panel as well as filtered, regulated power. It also provides 24 VDC for operating ancillary equipment.

- **VM-PMI Paging Microphone Interface** provides controls for emergency voice/alarm communication and two-way firefighters' telephone communication. The VM-PMI consists of an audio mounting bracket, EAEC Emergency Audio Evacuation Controller card, enclosure, and paging microphone.

- **VM-MFK Master Firefighters' Telephone** adds two-way firefighters' telephone capability to a VM-PMI Paging Microphone Interface. The VM-MFK and the VM-PMI comprise the fire command center.

- **EAEC Emergency Audio Evacuation Controller Card** provides the audio source interface for emergency voice/ alarm communication and two-way firefighters' telephone communication. In addition, the card includes an RJ-11 connection for downloading an audio database.

- **VM-REMICA Remote Microphone** provides remote paging capability throughout a building or campus. Each VM-REMICA has two inputs for connecting other remote microphone units. The paging circuit supports up to 63 interconnected remote paging stations.

- **VM-NOCF Fiber Network Option Module** provides a fiber optic, or combination fiber optic and RS-485 communication path, for VM-1 control panels.

- **VM-NOC RS-485 Network Option Card** is used to connect up to eight VM-1 panels. The card enables two independent RS-485 circuits for network data and digital audio communications. Class B and Class A wiring is supported.

Stay tuned.

Facilities will benefit from a sophisticated system designed and tuned to function as a whole. That's because VM features control components and field devices engineered and manufactured by to the highest standards of interoperability.

Audio that speaks for itself

VM Series features three channels of integrated digital audio with up to two minutes of on-board programmable message storage. Its optional paging control center includes a high quality paging microphone to which can be added a firefighters' telephone. Auxiliary inputs are available for mass notification operations and connection to external systems.

Economical annunciation

Up to 30 R-Series LCD, LED annunciators and driver interface cards may be configured for each control panel on the VM Series network. Compatible annunciators include a range of LED and LCD models that provide zone or point annunciation, as well as common control capabilities. VM Series also supports graphic annunciation with optional graphic annunciator interface modules. Each interface provides common control, indicators, and 32 LEDs. Expansion units provide 48 led outputs.

Detection you can count on

VM Series intelligent detectors are meticulously engineered to deliver high-performance features for smoke, heat and CO detection. These detectors resist air movement caused by heating and air conditioning, making them reliable performers ideally suited to modern building interiors. All detectors feature comprehensive self-diagnostics, and continuously adjust their sensitivity to compensate for changes in the environment such as the presence of dirt, smoke, temperature, and humidity.

Small signals, big splash

VM's Genesis notification appliances represent the rebirth of emergency signals with looks and features ideal for life safety and mass notification applications. Field-configurable wall strobes, horns, and chimes about the size of a deck of playing cards offer a discreet alternative to bulky devices, while speakers and ceiling models with clean modern lines blend inconspicuously with any surrounding.

A complete system finely tuned for seamless interoperability.

Value, efficiency, and a legacy of fire protection innovation

When building owners and designers do business with Kidde, their investment is underwritten by a 100-year history of dedication to the fire alarm industry. That's why today architects and engineers agree that when it comes to protecting people and property, Kidde life safety systems remain the technology of choice.

Our strength is in our dealer network — the people and organizations we entrust with the technology that has charted the course of detection and alarm for decades. Kidde Engineered Systems Dealers are independent contractors who add value to the Kidde life safety solution. They enjoy exclusive access to products, custom design innovations, and factory training — and they are adept at ensuring that each proposal is strong and competitive.

These strengths set Kidde installations apart, and have earned this brand a special place among life safety solutions available today.

See what's possible now.
Contact your Authorized Kidde Engineered Systems Dealer today.

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Technology that saves lives

Contact us...
Email: kidde.fire@fs.utc.com
Web: *Kidde.com/EngineeredSystems*

Kidde is a UTC brand.
1016 Corporate Park Drive
Mebane, NC 27302

K85000-0372

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