

## VegaNET Display System



With the advancement of technology the requirements for monitoring fire detection and extinguishing systems within buildings and complex sites has come to the forefront. To meet these requirements a centralised monitoring system, the VegaNET Display System has been developed which offers a high degree of system integrity.

### Features

- Text and graphics versions
- Prominent user controls with attractive appearance
- Compatible with Kidde analogue addressable systems and network outstations
- Print graphical pages with automatic event logging
- Multi level password protection
- Unlimited number of graphical pages
- Language text translations

### Clear presentation

The VegaNET Display System is a PC Windows™ based application designed primarily for the monitoring of fire alarm systems. Providing the user with a means to view the entire system or campus enabling rapid recognition and identification of source and extent of each event, particularly during multiple alarm conditions. The presentation of alarm information is provided in a simple, standard text or graphical format, giving operators the right information on which to make appropriate decisions.

### Networked system

The VegaNET Display System is designed specifically for connecting to the Kidde range of fire detection panels providing full interrogation of sophisticated features. Powerful network cards located within each fire control panel enable up to 32 remote panels to be supervised. This provides the operator with an instantaneous overview of all systems located with immediate access to detailed information as required. Alternatively,



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using network outstations incorporated within the system design, monitoring of third party equipment via discrete digital inputs can be achieved.

### Priority rating

The VegaNET Display System provides central control and monitoring for remote sector nodes using full-duplex transfer of information, status and commands over a networked system. The system allows each alarm device or input to be allocated a priority, which ensures that the operator is presented with the most urgent high priority alarms, followed by those of lesser importance. Monitoring of non-fire related events such as plant, security, and process are also catered for by the system.

### Comprehensive reporting

A system event log is provided with the capability to provide comprehensive incident reports for future analysis. The export facility enables reports to be stored in Word or Excel format.

### Installations currently using the VegaNET Display System include:

- Hospitals
- Refinery and chemical site monitoring systems
- Shopping centres
- Airports and military installations
- Power stations
- University campus

### System capacity

- 32 (nodes) addressable fire alarm panels or outstations per network
- 6 x computers running VegaNET Display System application
- 6 x remote VFD repeaters and geographic mimics
- Connect 6 networks together providing 192 node capability

### Alarms

- Ten priority queues
- Drop-down alarm display window
- Active status reporting
- At a glance, site-wide system status monitoring
- Common messages - 600 character alarm intervention text per device

### Event - Logs

- System log
- Priority log
- Backup of logs
- Compile event report and register

### Print Functions

- Automatic for all priority events
- Restrict priority event facility
- Print graphic map pages

### Configuration

- Interface to standard Kidde network
- Remote access
- Interface to third party equipment – BMS, Access, CCTV



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### VegaNET in action



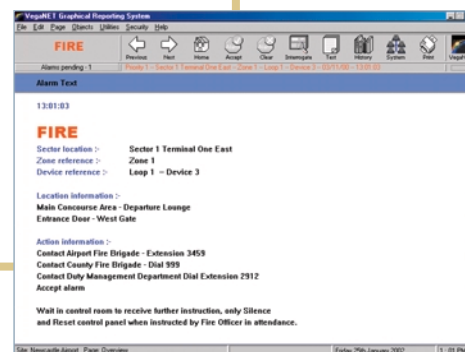
Overview page  
Showing location of building in alarm



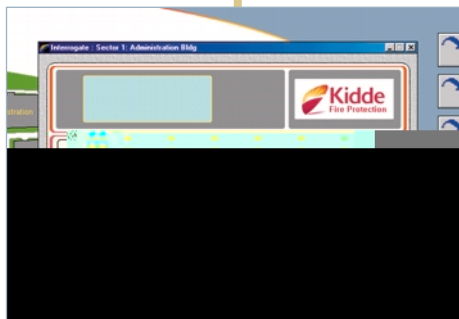
Level 1 page  
Showing building floor level in alarm



Level 2 page  
Defining location of detector in alarm



Text message window  
Provides device location user intervention details

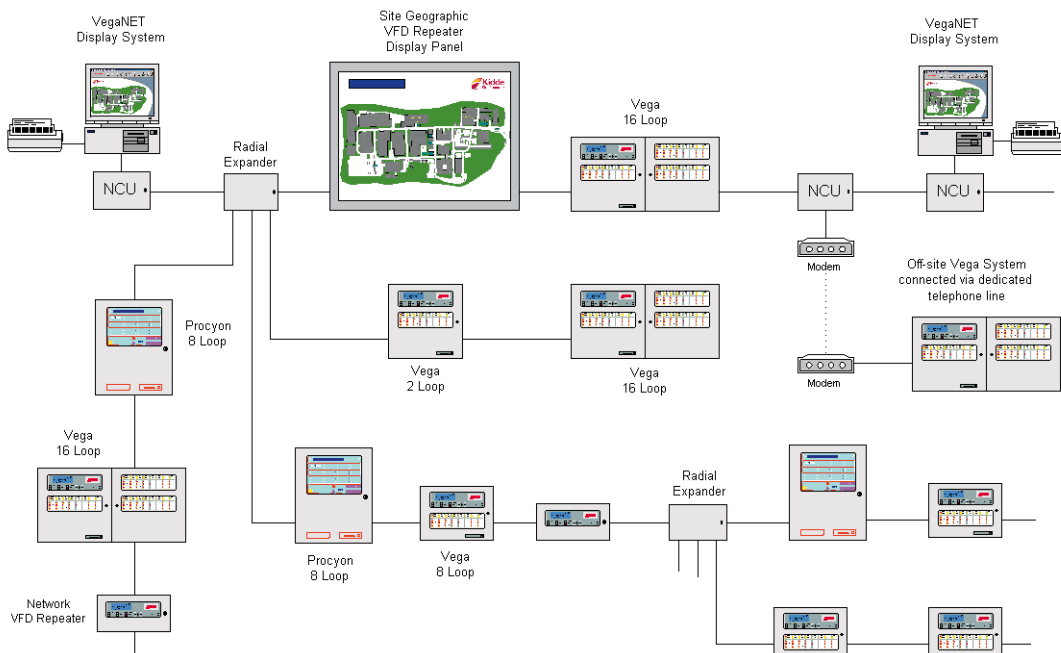


Sector interrogate facility  
Enables user to control remote sector panels

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### Typical complex system schematic

Consisting of multiple Kidde Vega and Procyon fire alarm panels, network outstations, modem interface to off-site systems, radial expanders line boosters. Maximum cable distance between network equipment 1km using preferred cable type Belden 9729 or equivalent.



Text Reporting System – computer, printer, software and TRS Run Time Module (RTM) VN2000, Network Control Unit VN2100

Part No  
VN3000

Offline RTM for engineering of site files

Part No  
VN2002

Graphics Reporting System – computer, printer, software and GRS Run Time Module (RTM) VN2001, Network Control Unit VN2100

Part No  
VN3001

PowerPoint Presentation CD

Part No  
VN2003

50 Minute Run-Time Module

Part No  
VN2004

Text Reporting System – Application installation CD, TRS - RTM

Part No  
VN2000

Network Control Unit – interface between computer and network cable

Part No  
VN2100

Graphics Reporting System – Application installation CD, GRS - RTM

Part No  
VN2001

Network Radial Expander – Line Booster

Part No  
VN2103

Vega Network Interface Assembly

Part No  
VN2104

### Kidde Fire Protection

#### UK Sales Office – Head Office

Thame Park Road, Thame, Oxfordshire OX9 3RT

Tel: +44 (0)1844 265003. Fax: +44 (0)1844 256156. E-mail: info@kfp.co.uk Web: www.kfp.co.uk

#### UK Sales Office

Unit 12, Atley Way, North Nelson Industrial Estate, Cramlington, Northumberland NE23 1WA

Tel: +44 (0)1670 713455. Fax: +44 (0)1670 735553

#### International Offices

Dubai: Tel: +971 4 337 2498. Fax: +971 4 337 5088

Hong Kong: Tel: +852 2195 3688. Fax: +852 2743 7477

Singapore: Tel: +65 424 7979. Fax: +65 424 7978

Australia: Tel: +61 3 9765 3850. Fax: +61 3 9765 3800