

6.2: VIGILON FIRE DETECTION AND ALARM SYSTEM

10 reasons to specify Vigilon

GENT
by Honeywell

1 The Power of Vigilon Supports the largest number of fire detection and alarm products on the same 2 cables with soft or SAFE (Soft Addressed Firmware Encoded) addressing options.

2 Minimise False Alarms The combined power of S-Quad and the Vigilon panel provides quick, intelligible decision making. The S-Quad dual angle optical sensor recognises a clear distinction between smoke and steam.

3 Rapid Fire Detection The 4 separate sensing elements in the S-Quad, including CO, can be set with individual sensitivity levels and sensor 'states' can be programmed for different time periods to suit all applications and environments.

4 Cost Savings Cable runs are shorter. 2 core costs less than 4 core. Overall cable costs are normally 30% less than other systems.

5 Create Seamless Network Connect up to 200 panels together and retain control on large or complex sites. Also, new buildings or extensions are easily accommodated onto the existing system.

6 Customise your Fire Plans Evacuating public areas or production lines is disruptive and costly. Vigilon Compact's powerful software gives you flexibility. Areas throughout the building can be sectorised to give an evacuate or alert signal on alarm, or can be configured with pre-set delays.

7 Safe Evacuation Voice messaging capability through the sounder functionality of S-Quad ensures quick and safe evacuation in the event of a fire.

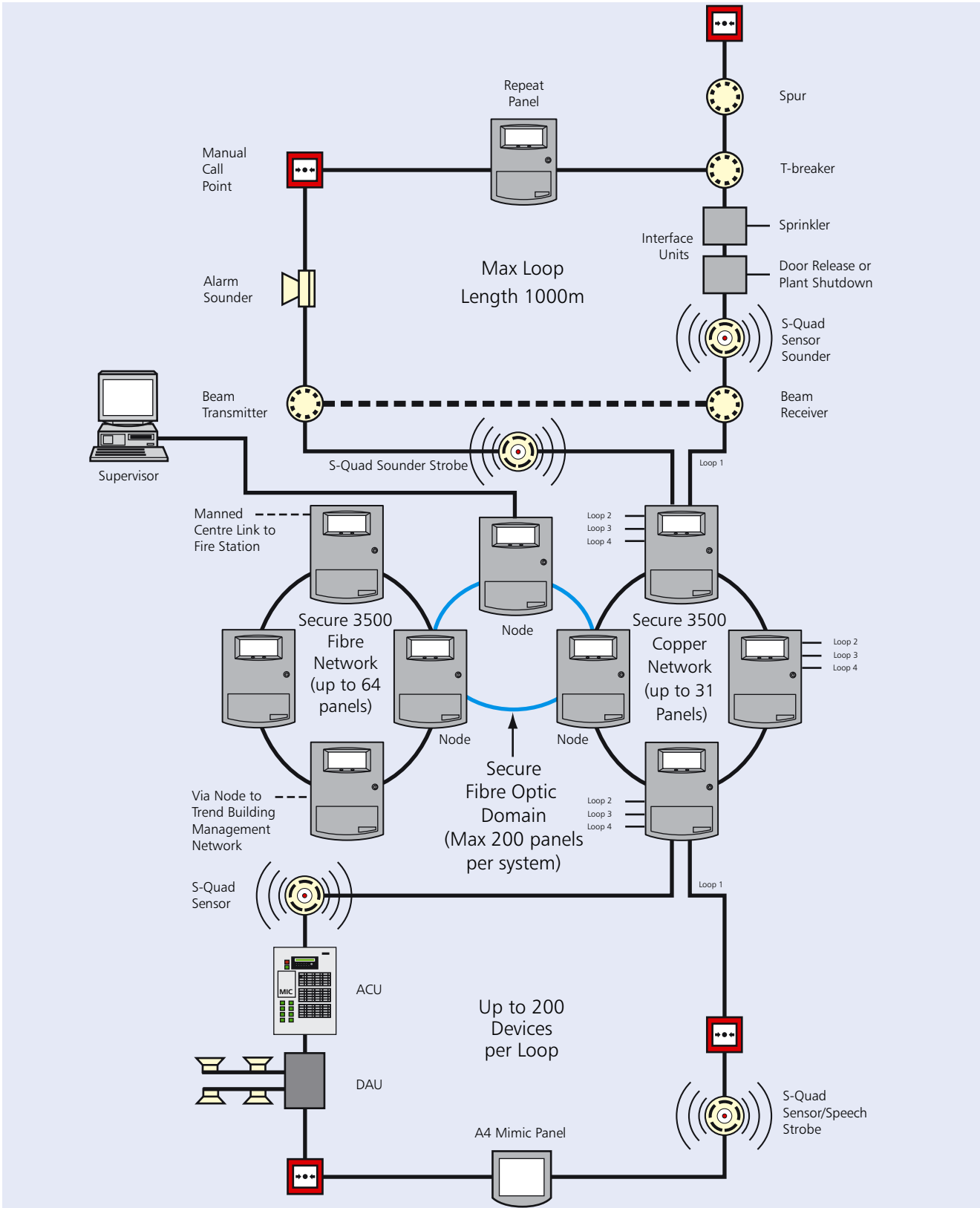
8 Loop powered sounder/strobe Loop powered sounder/strobes save on cabling and interface costs whilst ensuring compliance with the Disability Discrimination Act 1995. Built-in high intensity flashing strobes warn those with hearing difficulties of a potential fire hazard – **now a legal requirement in all public buildings.**

9 Clear Information An 8-line by 40 character display means the user is not limited in describing the position or nature of an emergency. A clear backlit LCD display reduces confusion and speeds response.

10 Integrated Voice and Graphics Systems Vigilon may be integrated with Gent's Vigilon Voice evacuation system, or connected to Supervisor, a graphic display for single point control and monitoring.



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System Architecture



Vigilon architecture is extremely flexible, from single loop panels up to 200 panels in a system.

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Vigilon System Overview

The feature-packed Vigilon analogue addressable fire detection and alarm system from Gent offers medium to large sized building owners the latest in system flexibility and control panel aesthetics.

Vigilon offers a degree of system sophistication that has not previously been available and incorporates a host of features designed to make it the simplest system to install, configure and use.

As well as providing the user with clear comprehensive information in the event of a fire, Vigilon additionally provides an entire historic log of the system's management information. Should a system fault occur a detailed explanation is shown and the user can at any time navigate through the faults history.

S-Quad Extra Sensory Detection

Gent's new S-Quad sensor range for Vigilon is the UK's most innovative solution to the detection and signalling of fires. Patented dual angle optical scatter smoke detection improves both the speed and integrity of fire detection. This advanced sensing technology is coupled with an integral sounder with speech capability and strobe in the same intelligent device, making S-Quad a truly unique fire detection and alarm sensor.

The S-Quad sensors inherit all the advantages of Vigilon's 34000 range combined with extra features, making Vigilon and S-Quad an industry leading combination for fire detection and alarm signalling.

S-Quad features

