

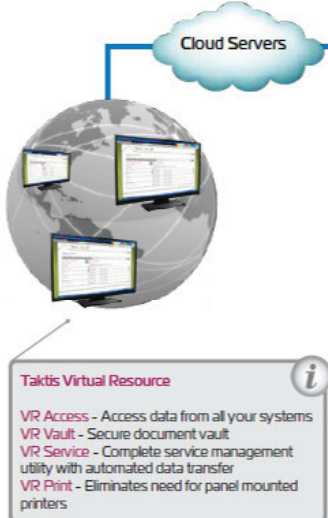
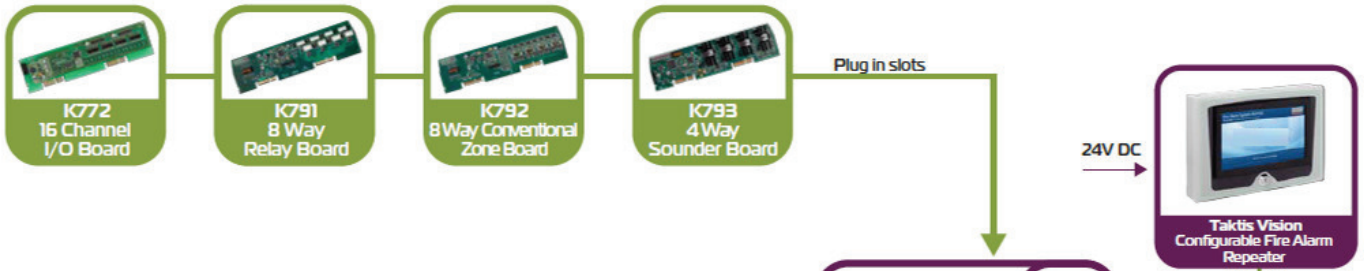


**Nexgen**

**Taktis** 

Power, Intelligence.....  
with a sense of feeling



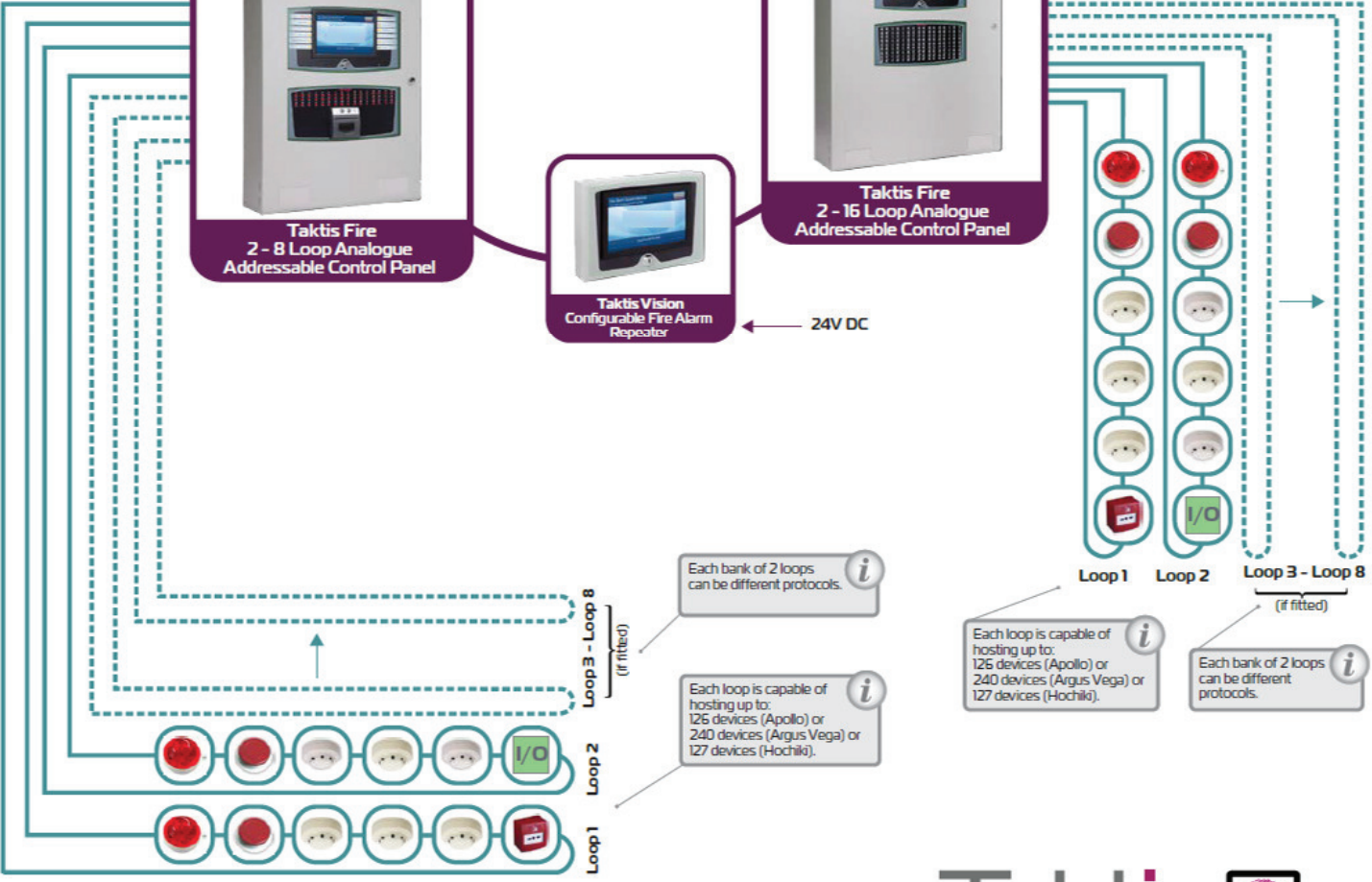


## High Integrity Configurable Network



The Taktis system is compatible with Apollo, Argus Vega and Hochiki protocols. Panels of any of the above protocols can be used on the same network.

Up to 128 Panels/Repeaters can be added to the network.



Power, Intelligence..... with a sense of feeling

# Overview

The Taktis product range combines the very latest hardware and software to produce a control and indication system, which is powerful and sophisticated, yet simple to use and understand.

The large graphical touch screen provides a clear, uncluttered and intuitive interface so the end user requires minimal training.

Initially configured as a fire detection and alarm system, the flexibility of the Taktis platform is such that it can be re-configured to realise many other control and indication applications, with direct integration into intelligent buildings.

Available in 4 slot and 8 slot variants, with each slot supporting a 2 loop detection card, the Taktis fire control panel ranges from 2 to 16 detection loops.

The generous quantity of sounder circuits, relays and inputs provided as standard can be further increased by the addition of one or more Taktis I/O plug in expansion cards.

The Taktis Network Card allows networking of up to 128 panels and repeaters meaning that Taktis can provide reassurance to all building owners/ operators whether responsible for a small system or a large complex.

Taktis Vision panels can be connected to the Taktis network to provide a fully functional repeater in a compact enclosure.

Not only do the products and services offered under the Taktis brand provide solutions to the most technically challenging applications in life safety, Taktis will deliver added value through ease of use, displaying clear information ensuring that when an event occurs appropriate action is taken swiftly.

The Taktis Media Gateway provides a means for the system to transmit real information back to our dedicated server network. This data is then accessed using the Taktis Virtual Resource (VR) software suite via a web browser.

The remote management features offered by Virtual Resource can result in reduced fault calls, improved technical support, efficient and proven maintenance, reduction of unwanted alarms, a full audit trail and improved overall service to the end user.

## Features

- Certified to EN54-2 & EN54-4
- 2 to 8 loop or 2 to 16 loop versions
- Multiple protocols supported on a single panel (in banks of two loops)
- 500 milliamp loop current
- 4 programmable sounder circuits each rated at 2.5 Amps
- 5.25 Amp or 10.25 Amp power supply options
- 3 programmable inputs
- 5 programmable relay outputs
- Up to 512 programmable I/O via optional plug in and serially connected expansion cards
- Hard wired fire and fault routing inputs and outputs
- 2 ancillary serial ports
- Modbus, LonWorks and BACnet interface options
- Modular electronics
- Over 4000 sub address points per panel
- NOT and TIME as well as COINCIDENCE, OR and AND operators in cause and effects
- Option to "invert" inputs and outputs
- Powerful, standard configuration templates
- Network up to 128 panels
- Configurable via USB port to PC or memory stick
- Expandable memory via standard SD card
- Optional Media Gateway communications card

At time of printing some features may not be fully implemented.

### Connectivity

The Media Gateway card plugs into one of the panel slots and provides connectivity to our servers using IP, GSM or Dial Up connectivity

The Media Gateway card is also used to meet integration application requirements.

### Taktis Display

Taktis utilises a full colour, 7" 800x480 touch screen graphical display to provide a clear, simple and intuitive user interface.

80 character zone location and 80 character device messages allow a clear, concise description of each detection device location to be configured.

Resistive touch screen technology permits control functions to be available, even when wearing protective gloves.

### User Access

Access to the Taktis menu and control functions is provided by a unique 6 digit pass code or by the optional enable control key switch.

Up to 64 individual login accounts can be configured, with different profiles and access permissions.

### Powerful, Network wide Cause & Effects

Taktis cause and effect capacity supports 5000 cause and effects comprising up to 40,000 inputs/outputs across the network.

The introduction of Groups in Taktis allows rationalisation and simplification of the system configuration.

Support for up to 5000 groups and up to 50,000 devices is provided.

### Taktis Display – Function Buttons

Up to 24 customer specific function buttons may be configured to provide control, disablement and engineering functions.

The functions buttons can be configured to be either available or hidden for each log in profile.

### Zone Indicators

Up to 144 zone indicators or 48 zone indicators plus panel printer are available.

Taktis supports up to 2000 detection zones and zone indicators.

