

DX CONNEXION™

# DX Connexion Fire Alarm System



**MORLEY**  **IAS**

FIRE SYSTEMS

by Honeywell



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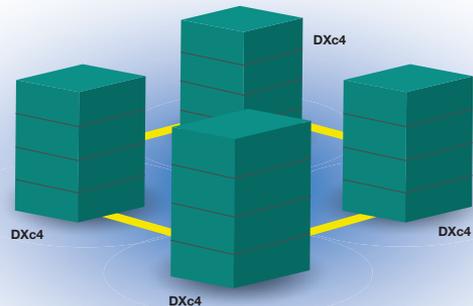
4 button presses and you can have a working fire alarm system. **How simple is that?**

## Scenario

A London based property developer owns a complex of four, four storey buildings comprising 30 to 40 luxury apartments in each block. The buildings require a fire detection and alarm system to protect the escape routes, common areas, car parks, plant rooms etc.

## Solution

Their Consulting Engineers have proposed the installation of four new Morley-IAS **DX Connexion** fire alarm control panels. The **16 loop, 80 zone capacity** of the Connexion's peer-to-peer network, and the flexibility to install up to **198 devices per loop**, provides a simple cost effective solution for their buildings. Additionally, the attractive modern panel facia and **large blue LCD display** fit well when **flush mounted** in the luxurious entrances to the apartment blocks. The choice of control panel is welcomed by the installer who has experienced the simple **4 button set-up** routine and **intuitive menu** structure provided as it reduces his installation and commissioning time significantly.



# DX CONNEXION™

## Fire Alarm System

The DX Connexion fire alarm system from Morley-IAS is an analogue addressable range of fire panels and devices, with the choice of 1, 2 or 4 loop panels that can be easily networked to provide larger systems. Despite the emphasis on ease of use and rapid set-up, the panels are still powerful enough to cater for any complex cause and effect requirements these buildings may have.

With a clear 6 line display and navigation keypad, similar to today's mobile phones, the DX Connexion is extremely intuitive to use as well as aesthetically pleasing to the eye.

With the right balance between value, performance, quality and reliability as well as easy maintenance, the DX Connexion system is the perfect answer for your fire system requirements. Additionally, as the building or site develops the flexible network capability ensures the fire alarm system can grow to meet the customer's needs.





## Devices & Specialist Devices

The Morley-IAS comprehensive range of sensors, modules and audio/visual devices provide the designer with the flexibility to install up to 198 devices on each loop and choose the right device for the application. The list below details some of the field devices that can be used with the DX Connexion control panel.

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**Optical Sensor:** Uses light to detect fire through the presence of invisible smoke

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**Heat Sensor:** Measures the temperature of surroundings to detect a fire due to an increase in temperature or a rapid rate of rise in temperature

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**Multi-Criteria Sensor:** Uses a combination of different sensing technologies including smoke and heat

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**Manual Call Points:** Used to raise an alarm manually

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**Input/Output Modules:** Allows other fire detection or sensing equipment to be interfaced to the control panel ie a sprinkler flow switch or a relay to “ground” a lift

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**Audio/Visual Devices:** A range of devices featuring a variety of audible alarm tones or visual indicators

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## Site-Wide Alarm Management System

### Scenario

Consulting Engineer Mike Jones also recognizes the need to present clear and concise information as to the status of an alarm event to the concierge. It is the concierge or out of hours security staff who make the call to the fire brigade when there is an alarm activation in one of the apartment blocks.

### Solution

A Morley-IAS PC based [Visualeyez](#) alarm management system will assist staff with the [day to day](#) management of the many fire sensors installed within the apartment blocks. The comprehensive software package will help Mike to [plan and record](#) his [maintenance](#) of the fire alarm system and importantly simplify his obligations to maintain adequate documentation.





## DISTRIBUTOR CONTACT DETAILS

For further details on these or any other Morley-IAS products please contact your local distributor, your local Morley-IAS Business Manager or please feel free to contact the head office using the details provided below. Morley-IAS by Honeywell – Providing complete fire solutions for fire industry professionals.

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