# SYNCRO AS NETWORKING



The flexibility of the Syncro System can be further enhanced by connecting control panels and repeaters together using a high integrity network.

A simple 2-wire connection between each panel allows events to be transmitted to other parts of the system to provide indication or control on a system wide basis.

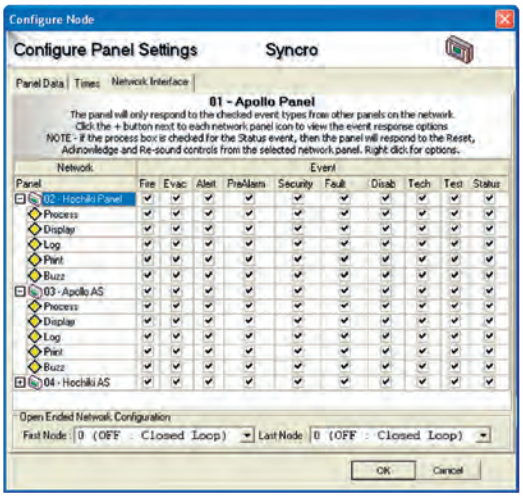
Using the Loop Explorer configuration programme, up to 64 nodes can be programmed to respond in a variety of ways to any system events as required.

This flexibility extends the comprehensive cause and effect programming capability of Syncro control panels to the entire network allowing actions, test modes or disablements to be started from any point.

The fault tolerance of the network is such that that any single open or short circuit fault will not result in any loss of information. Multiple faults are isolated and the network breaks into smaller networks which continue to work autonomously.

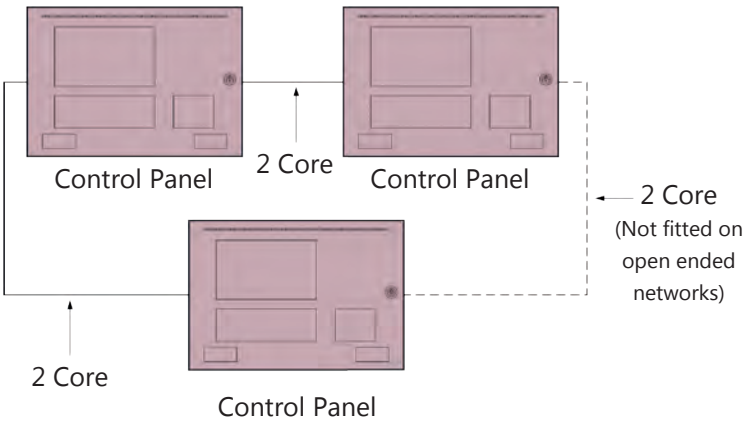
## FEATURES

- Up to 64 nodes.
- High integrity protocol.
- Fully secure against short or open circuit faults.
- Simple 2-wire loop connection.
- Repeaters share network connection.
- Network wide test and disablement functions.
- Network wide cause and effect logic.
- Flexible configuration options.
- Panels configurable to act on a network events or not as required.
- Apollo & Hochiki panels supported on single network.




Flexible network configuration options using simple to follow PC configuration programme.

Two core loop wiring ensures network integrity by providing full isolation of faulty wiring segments.




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| **Product code** | K555 |
| **Protocol** | RS485 |
| **Connection** | Two wire loop |
| **Current consumption** | 40mA |
| **Integrity** | Full isolation of faulty nodes or wiring segments |
| **Indicators** | Data in and data out communications status |
| **Cable length** | Tres to adjacent nodes |
| **Cable type** | Belden 9271, Belden 9860, FP200 Gold |
| **Compatible panels** | Syncro AS (required for networking) |