

Application Note

Touchpoint Pro



A modular design permits total flexibility so Touchpoint Pro can evolve to meet changing business needs.

Touchpoint Pro Modules - easy expansion of a system.

Touchpoint Pro uses a simple 'building block' approach which provides unrivalled flexibility. The simple plug-in Input / Output (I/O) Module, one of four key building blocks that form the Touchpoint Pro system, allows for easy expansion.



Analogue Input Module, Analogue Output Module, Digital Input Module and Relay Output Module

In new build Greenfield sites, users know from experience that expansion will be an aspect for consideration in the future. Integrators and Engineering Houses know that last minute modifications are requested frequently as clients' requirements often change.

The simple plug-in I/O Modules enable all users to easily expand the system without having to completely reprogram or even reorder a new system.

If the system has a free slot in the Communication/Power Rail, the user can simply fit a new Module of the required type to the spare slot.

The Touchpoint Pro system automatically recognises the new Module. The Module terminal wiring is plug and socket type, so the field cable can easily be connected. Once connected, the user can quickly set up and configure the Module with the touch screen

catalogue, by setting a custom channel, or copying from a configured channel. No shut down or reprogramming of the complete system is required. New Modules can be added while the system is still running and fully functional.

If the Communication/Power Rail has no spare slot available, the user can add a new 5, 7, 9 or 10-way Communication/Power Rail to the system, e.g. to a standalone cabinet, or by adding a new remote Touchpoint Pro unit to the system.

The two ring network cables are the only connections necessary to include the new Communication/Power Rail in the Touchpoint Pro system, and the Communication/Power Rail needs to be supplied by a new power supply unit. Once these actions are completed, the system is fully functional.



User interface or with the PC Configuration Software. Depending on the Module type, it can be simply configured by using the sensor

The Communication/Power Rail has space for 5, 7, 9 or 10 I/O Modules depending on the power supply option chosen and always consists of a Ring Coupling Module, DIN rail and backplanes.

The Touchpoint Pro Communication/Power Rail directly provides power and network connection to the I/O Modules, which eliminates the power and communication wiring and delivers savings on wiring costs.

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