MxPro 5

Graphical Control Software

The Graphical Control Software is a highly configurable solution to customers requiring presentation of their sites via a Graphical method.

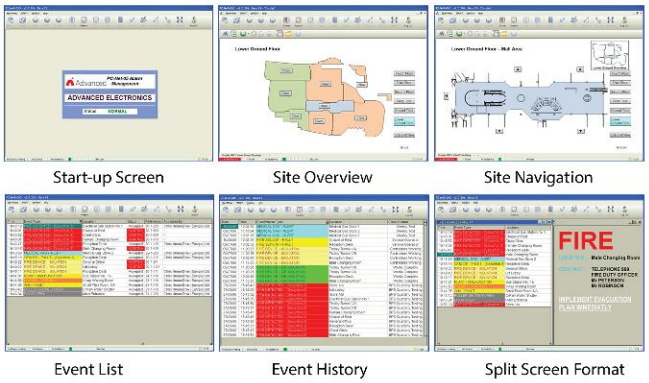
End users are presented with site maps, buttons, text, and images to easily monitor, navigate, and control the fire alarm equipment installed on-site.

Simple control buttons permit the user to Enable/Disable field devices, and can also provide a means for Silence/Reset functionality. Analogue values can also be obtained from all field devices via the menu selections.

The software also includes an extensive History Log to monitor all activations received, and can be easily analysed using the extensive search methods available.

The software provides a cost effective solution for all types of installation, and is suitable for use with single panel to multi-site applications.

Applications / Limitations:
The BMS/Graphics Interface will be required for interfacing all control panels to a PC.
There is limited functionality in sub address support.
Peripheral bus devices are not supported.





Features

- Standard ‘Windows’ based PC application
- Ad-NeT Network Compatible
- Windows providing Graphics, Text, or Event List
- User-friendly Configuration
- Event and Alarm History
- Zoom Graphic/Symbol Control

Specification

Processor	Intel Pentium i5 or higher (32 bit and 64 bit OS supported)
Recommended Operating Systems	Windows 10 or 11
Memory	Memory 8Gb RAM (Minimum Recommended)
Disk Space	256Gb Hard Drive (Minimum Recommended)
Graphics	1920 x 1080 - 16 million colours
Sound Card	Windows compatible
Loudspeakers	Any amplifier and speakers
Monitor	19 inch (Minimum Recommendation)
Pointing Device	A mouse is essential (two-button mouse with scroll wheel)
UPS (battery backup)	Recommended

RS232 Serial Ports	1-6 (application dependent)
USB Port	Required if using a USB port software dongle – Confirm at time order is placed for software
LAN Port	Required for networked system PCs
CDROM Drive	Not required
Backup Device	External disk or USB memory stick)
Printer	Optional
Serial Port	1 x Serial port for communications with Graphics Interface. (Additional serial ports may be necessary if connectivity to other services are required)
CD ROM Drive	Required for software installation
Antivirus	Required for networked system PCs
Firewall	Required for networked system PCs
Warranty	A PC with on-site warranty support is recommended
Options	**Touch-Screen Monitor (Minimum Specification suggested):** 19 inch (Minimum Recommendation). 1 x Additional Serial / USB port for communications with Touch Screen Controller. Touchscreen operation at basic Operator level is possible. Systems using graphics maps screen resolution 1920 x 1080 can use monitors up to and above 50 inches.

Order Codes and options

Pc-Net-005-L1:	MxPro Graphical Control Software (Standard Version – Connectivity of 3 Node max)
Pc-Net-005-L2:	MxPro Graphical Control Software (Standard Version - Connectivity of 15 Nodes max)
Pc-Net-005-L2P:	MxPro Graphical Control Software (Premium Version - Connectivity of 15 Nodes max)*
Pc-Net-005-L3:	MxPro Graphical Control Software (Standard Version - Connectivity of 200 Nodes max)
Pc-Net-005-L3P:	MxPro Graphical Control Software (Premium Version - Connectivity of 200 Nodes max)*
Pc-NeT-005-SWM:	Smart Watch Module
PC-NeT-005-SWM4R:	Smart Watch Module - 4 Inputs
PC-NeT-005-SCU:	Smart Cube Unit
*:	Package options can be found on the following page.

Compatibility

The Pc-Net Graphical Control Software is compatible with all MxPro 4 & MxPro 5 control equipment.

Package Options

The regular PC-NET-005 package in each level contains the basic software, which allows for connection to other systems over TCP. The premium software version (PC-NET-005L* P) also includes all of the available features and options shown below.

Groups

This option allows PC Net terminals to communicate with one another using a TCP/IP network. Groups can connect masters to masters or masters to slaves. The Smart Cube also connects to a PC Net terminal using this option.

The Groups line is monitored and should a network connection go down, each PC net terminal will report there has been a connection error.

Slaves

This option is a ‘No’ control version of the PC net software. A slave will allow for 24 hours, real time monitoring from a master terminal with reporting and accept alarm capabilities but will not allow control of the panel and devices. A slave will gather its information from a master and cannot be connected to a panel or panel network.

Event Printer

This option gives users the ability to connect Line printers to the PC net terminal. With recent developments in the software, the capability to automatically print a graphic from a normal printer or laser printer in an alarm condition now comes as standard on all packages.

Service and History Mode

Normally an additional module, the SMART (Service Management and Reporting Tool) allows users to produce service reports which accurately show the total percentage of devices being tested on an annual basis. This module can be used by both the end user and Service provider as a way to demonstrate value adds and commitment to testing 100% of sites devices.

Auto Update Module

When more than one PC Net is connected in a group the standard practice when upgrading one is to take a backup and travel to each terminal to restore each one independently. The new auto update module allows a user to makes changes on one master PC Net and propagates the changes to any other master/slave connected via groups. This mimics a client/server application and drastically reduces upgrade times.

SMS Texting (requires additional hardware & Licence key upgrade - POA)

When an event occurs a text message is sent to one or more mobile phones notifying a person/ persons of that event. With additional hardware (to be quoted separately) the PC Net can send event information via text message to multiple numbers as well as filtering messages for certain numbers only e.g. Fires go to Estates, Faults go to Engineers. SIM cards are to be supplied by the customer.

Email Module(requires additional hardware & Licence key upgrade - POA)

The PC Net is now capable of send emails when an event occurs. Each event can be sent to a multitude of addresses. This means for example that Fire events can be sent to person A,B and C whilst faults are sent to person X, Y and Z. Email can be configured to only be sent during certain times. Two types of email can be sent. Either a single alarm message or a generalised overview of alarms in a certain period of time.

Advanced, The Bridges, Balliol Business Park, Newcastle upon Tyne, NE12 8EW, UK T: +44 (0)345 894 7000 E: enquiries@advancedco.com
W: www.advancedco.com

As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.