MxPro 4

Pc-NeT-Programming Suite - obsolete

Pc-NeT-Programming Suite allows the configuration of the MxPro 4 series fire panels and is equipped with the latest programming options expected from a modern fire control panel.

In addition to the standard configuration options, the package allows sophisticated cause-and-effect, variable sensitivities and time critical settings to be defined. The software also has a Virtual Panel display, supports remote diagnostics and allows flexible connection either directly or via modem for all of the functions.



Features

- Allows full configuration of the MxPro 4 panels and network
- User-friendly Windows based software
- Virtual panel display
- Supports remote diagnostics
- Assistants menu to check your design and configuration
- Panel branding via electronic logo
- Service Tool for predicting false alarms and providing customised end user reports

Order Codes and Options

Pc-NeT-003:	MxPro 4 & 5 Series Configuration Software & Lead
Pc-NeT-003-USB:	MxPro 4 & 5 Series Configuration Software & USB Upload/download Lead
Pc-Net-004 :	MxPro 4 & 5 Series Remote Dial-up Software
Pc-Net-005-L1 :	Mx Graphical Control Software (up to 3 Node Connection)
Pc-Net-005-L2:	Mx Graphical Control Software (up to 15 Node Connection)
Pc-Net-005-L3:	Mx Graphical Control Software (up to 200 Node Connection)

Compatibility

BMS/Graphics Interface will be required for interfacing the MxPro 4 panels to a graphical PC.

More Information

PC-NeT-003 MX Pro configuration Software

PC-Net-003 is a powerful, windows based tool to allow programming of the advanced Cause and Effect options available on the Mx-Pro series fire alarm control panels.

PC-NeT-004 MX Terminal Dial Software

PC-Net-004 is a stand-alone PC based virtual panel control and display package for either direct or remote connection to a Mx-4000/5000 series fire panel.

PC-NeT-005 Mx Graphics

The Advanced Pc-Net Graphical Control System is highly configurable so that the end user can be presented with site maps, text and images in order to monitor the full fire system. Isolation status and analogue values are available by simply selecting icons and devices.

Powerful graphical control and indication with historic log and analysis feature providing an instant report by date/time as well as event type, sensor address and operation.

PC-NeT-007 Mx Logo Programmer

PC-Net-007 allows the installers logo to be uploaded to the panels graphical display for the simple branding of the panel.

PC-NeT-015 Mx Service Tool

PC-Net-015 is a Windows based PC application, allowing the retrieval of analogue values, panel meter readings and event logs from the Mx control equipment in order to provide customised reports service and maintenance as well as the end user (meter reading and event logs not available on Mx-Pro 4)

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PC Net Graphics - obsolete

The MxPro 4 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 4 Processor, 1.8 GHz or higher (32 bit and 64 bit OS supported)
Recommended Operating Systems	Windows 7 Pro 32/64 bit
Memory	Memory 512 MB RAM (Minimum Recommended)
Disk Space	40Gb Hard Drive (Minimum Recommended)
Graphics	XGA Graphics Accelerator supporting a minimum 1024 x 768 resolution
Sound Card	Windows compatible sound card & speakers / On-board sounder required for event notification
Monitor	Minimum 17" and support a screen resolution of 1024 x 768
Parallel Port	Required if using a parallel port software dongle – Confirm at time order is placed for software
USB Port	Required if using a USB port software dongle – Confirm at time order is placed for software
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
Backup Device	Recommended
Warranty	A PC with on-site warranty support is recommended
Options	**Touch-Screen Monitor (Minimum Specification suggested):** 17" supporting a screen resolution of at least 1024 x 768

	Any resolution above 1024 x 768 can be supported however, Graphical bitmaps must be created in the appropriate format for the resolution selected. If monitors are to be used in a Portrait manner a horizontal screen resolution of at least 950 pixels must be available. 1 x Additional Serial / USB port for communications with Touch Screen Controller.

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 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 are 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 hour, 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): 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: The PC Net is now capable of sending 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.

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MxPro 4

ipGateway - obsolete

The ipGateway connects to an existing Ad-Net fire panel network and provides a gateway to the network from any remote location over the internet.

By gathering real time information from the fire network it gives a visual indication of the state of the fire panel network through a standard web browser.

The state of each device on the network is displayed in a clear and concise manner.

Interaction with the fire network is also available, providing the functionality to enable/disable zones, enable/disable devices, reset, mute, and silence/resound sounders on the network.

The ipGateway can also be configured to react to events on the network by sending emails to configured recipients.

Applications / Limitations

Provides remote access to devices on an Ad-Net/Ad-Net+ Network.

Configurable event email notification.

Features

- Remote access to Ad- Net fire network using a standard web browser
- Password protected
- Multiple user permissions
- Event notification via email
- Configurable over the internet
- No proprietary software required

Specification

Supply Voltage input	18-28V DC
Supply Current	48mA(/FT: 86mA) at 24V DC
Enclosure H x W x D mm	IP30: 218 x 300 x 45
Weight	2 Kg
Knockouts	4 top, 4 bottom, 4 bottom rear
Temperature range	-5°C to 50°C / 95% humidity (non-condensing)
Serial Interface	Isolated RS 232 interface
Fault Input	Monitor input for power supply fault output
Indications	On-board LED indicators for heartbeat, network transmit/receive, RS232 transmit/receive, LAN Activity, LAN Connectivity, LAN Run 7
Ethernet Interface	10Base-T, RJ45

Order Codes and Options

MXP-554:	ipGateway (Card Only) Standard Network
MXP-554/FT:	ipGateway (Card Only) Fault Tolerant Network
MXP-554-BX:	ipGateway (Boxed) Standard Network
MXP-554-BX/FT:	ipGateway (Boxed) Fault Tolerant Network

Compatibility

The ipGateway can be connected to any Ad-Net/Ad-Net+ network system and Local Area Network. This interface can be configured using PC-NET-003 configuration software v5 onwards, and panel software version 23.02 onwards.

Browsers – Most versions of Internet Explorer and Firefox.

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