Honeywell
THE POWER OF CONNECTED

Hosted Video Services

NetAXS®

Cloud Hosted Access Control



NetAXS is now integrated with MAXPRO® Cloud. MAXPRO Cloud is a fully integrated Access Control and Video Security as a service platform. Ideal for small to medium businesses MAXPRO Cloud makes single or multi-site building security simple and scalable. Users can manage their security system from anywhere at any time via a web browser or our innovative award winning app.

Remote configuration and management of sites, devices, schedules and users reduces operational costs and streamlines efficiencies across multi-site installations.



Our cloud ready NetAXS-123 panel makes installation easy with plug and play connectivity, auto registration of doors and readers and no expensive servers or site software to install, reducing creation costs and installation time.

- Cloud hosted – scalable, expandable, efficient – No servers or software required
- Secure, HTTPS Login and 256 bit encryption, High availability data centers
- Integrated access control, intrusion and video with plug and play device connection
- Pre configure accounts, sites, schedules and people, saving installation time at site
- Configure and manage sites, devices, schedules and users across multiple sites from the cloud
- Designed for small to medium, single or multi-site businesses
- Device firmware can be pushed from the cloud without having to roll a truck
- Easily grow and scale with your customers needs

Retail



Professional Services



Convenience



Commercial Offices



Remote Facilities



Property Management



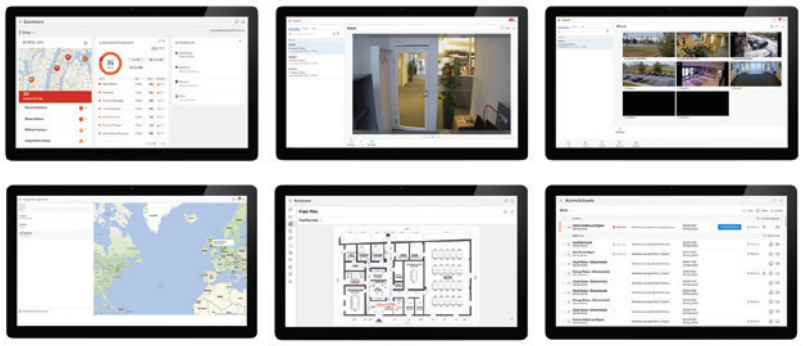
NetAXS® Cloud Hosted Access Control

SYSTEM BENEFITS

- Secure cloud based managed access
- Plug and play cloud ready access control panels
- Multi-site access deployments made easy with cloud based configuration and management
- Access from anywhere via standard web browser
- Multi-site management via app for iOS and Android™
- Lock and unlock doors from anywhere
- Automated and Scheduled reporting
- Easy to install and cost effective
- Fully scalable architecture with distributed gateway deployment
- Manage user credentials across large scale deployments
- Remote configuration reduces truck rolls
- Remote firmware updates
- Map based configuration and management
- Real-time notifications with event clips
- Health and status of Video, Access Control and Intrusion systems across all customer locations

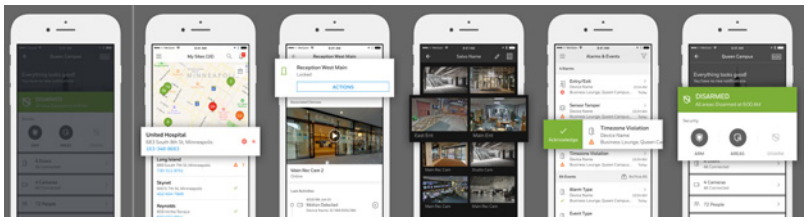
Intuitive User Interface

- Dashboards
- Google Maps Based Overlay
- On demand/Scheduled reports
- Integrated Access Control, intrusion and Video Viewer
- Customizable Floor Plans
- Real-time Alarm/Event Monitoring



Powerful Mobile App

- Dashboard View, Health, Status and Events
- Multi-location Site Management Access Control, Intrusion and Video
- Remotely Lock and Unlock Doors
- User Access Management
- Integrated Access Control , Intrusion and Video Viewer
- Recorded Video Playback
- Alarms and Notifications
- Intrusion alarm system arming and disarming

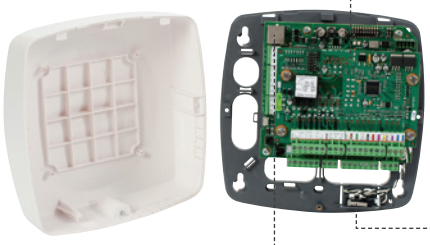


NetAXS® Cloud Hosted Access Control

QUICK REFERENCE GUIDE: NETAXS-123

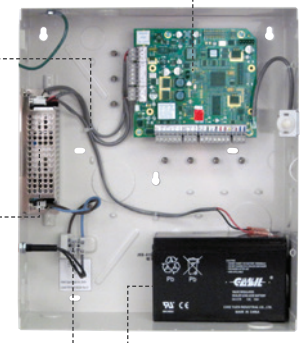
Cloud based access control, scalable and distributed architecture

NetAXS-123
Compact Plastic Encloser



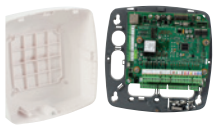
- **Control Panel (NXC1)**
  - Ethernet Port: Connect to web browser, MAXPRO® Cloud or WIN-PAK software
  - USB Port: Easy setup and diagnostics from your laptop
  - Color coded terminal labels
  - Removable terminal blocks
- **Built-in Tamper Switch**
- **PoE or 12 VDC Powered**

NetAXS-123
Standard Metal Enclosure



- **Multiple Tie-Down and Grounding Points**
  - Cleaner and more consistent installations
- **4 A, 12 VDC Power Supply**
  - Universal input (100-240 VAC)
  - 3.5 A available to power accessories – over 1 A to power each door
- **12V Battery Backup**
- **Terminal Block with Input Fuse**

NetAXS-123	Indoor and Outdoor (IP 55 Rated)



NX1P
1 Door Compact Plastic Enclosure



NX1MPS
1 Door Standard Metal Enclosure



NXD1
1 Door Add-on Board



NXD2
2 Door Add-on Board



OM30BHOND
Mullion Mount



OM15BHOND
Mullion mount



OM40BHOND
wall mount



OM55BHOND
wall mount with Keypad

NetAXS WEB-BASED ACCESS CONTROL			
ORDER PART NUMBER	DOORS		
	1	2	3
NX1P*	✓		
NX1MPS	✓		
NX2P		✓	
NX2MPS		✓	
NX3MPS			✓

RECOMMENDED ACCESSORIES	
PART NUMBER	DESCRIPTION
OMNICLASS READERS	
OMNICLASS (SUPPORTS HOLD LINE)	
OM30BHOND	Mullion Mount
OM15BHOND	Mullion Mount
OM40BHOND	Wall Mount
OM55BHOND	Wall Mount with Keypad
CARDS	
OKP0N34	34 bit OmniClass PVC Smart Card 2K2
PXKEYH2K2	34 bit OmniClass PVC Smart Card 2K2

NetAXS® Cloud Hosted Access Control

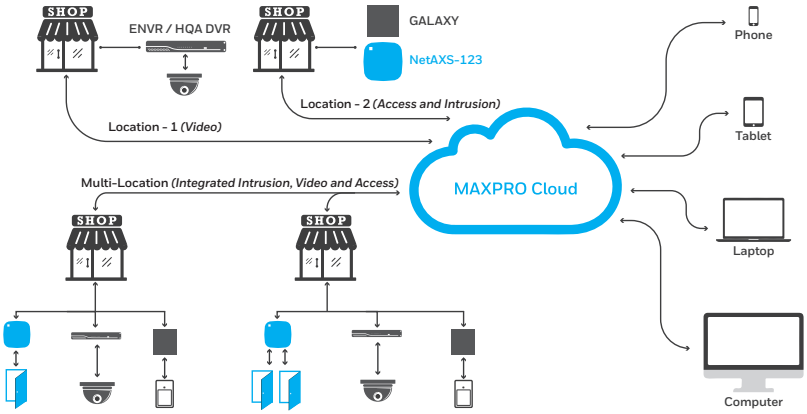
MULTI-SITE INTEGRATED VIDEO, INTRUSION AND ACCESS CONTROL

Each panel is configured as a gateway

Registration is plug and play

Multisite Configuration and Management Simplified

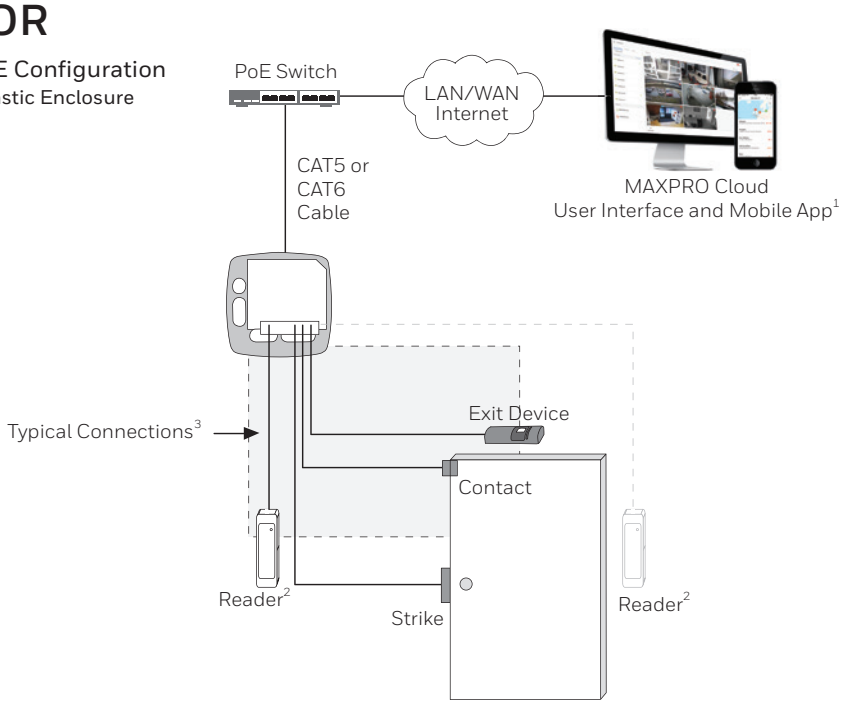
- Configure and manage multi-site panels and readers
- Manage user credentials
- Manage schedules
- Add and delete cards
- Lock and unlock doors
- Associate cameras and doors
- Access anytime anywhere



SYSTEM OVERVIEW

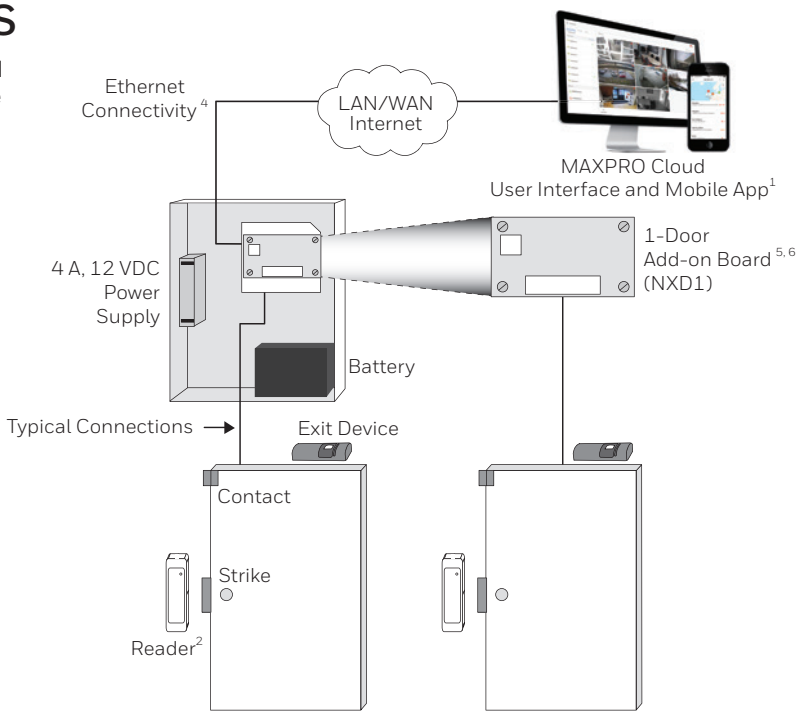
1 DOOR

Typical PoE Configuration
Compact Plastic Enclosure



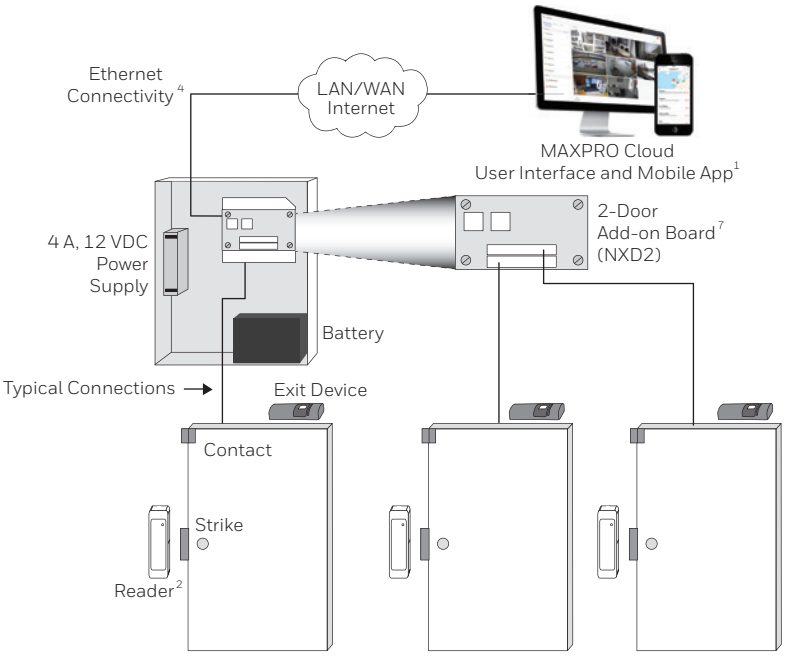
2 DOORS

1 Door Standard Metal Enclosure
shown with 1-Door Add-on Board



3 DOORS

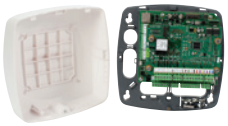
1 Door Standard Metal Enclosure
shown with 2-Door Add-on Board



1. Also compatible with WIN-PAK® XE, WIN-PAK SE, WIN-PAK PE and WIN-PAK PRO CS (Managed Access)
2. When using an IN and OUT reader, BOTH readers must have HOLD lines
3. 450 mA, 12 VDC is maximum available to power strike, reader(s) and input devices when using a 802.3af PoE connection. If unit is externally powered with a 12 VDC supply, higher current is available.
4. USB compatibility for local configuration
5. 1-door add-on board compatible with compact plastic enclosure
6. Requires external power when used in compact plastic enclosure
7. 2-door add-on board is not compatible with compact plastic enclosure
8. NetAXS-123 panels should be configured as gateway panels when connected to MAXPRO Cloud.

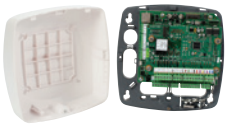
NetAXS® Cloud Hosted Access Control

SPECIFICATIONS AND FEATURES

		NetAXS-123	
			
		NX1P	**NX1MPS**
READERS/DOORS	Door/Reader Capability	1 DOOR Controller[1, 2]	1, 2 or 3 DOOR Controller (NXD1 or NXD2 add-on board is required for 2nd or 3rd door)
	Dual Reader Control Capability (IN/OUT Reader per Door)	YES[3] – IN and OUT reader capability per door (readers must have HOLD line capability)	
	Reader Compatibility	Standard Wiegand protocol supported, ABA not supported	
OUTPUTS	Number of Outputs	Two SPDT relays (jumper selectable NO or NC contacts) per door rated at 3 A @ 28 VDC Two open collector outputs (OC) (16 ma, 12 VDC): reader LED (Aux) and reader buzzer (Aux) per door are available.	
	Output Expandability	2-door solution has 8 total outputs: 4 relays, 4 OC (requires NXD1 add-on board)	2-door solution has 8 total outputs: 4 relays, 4 OC (requires NXD1 add-on board) 3-door solution has 12 total outputs: 6 relays
	Relay Power Source	Selectable: +12 VDC self-powered - OR - 0 to 28 VDC externally supplied source	
INPUTS	Number of Inputs	Controller has a total of six configurable four-state supervised input points. (Factory default settings are Status, REX, Reader Tamper A, Reader Tamper B, Power Fail and General Input)	
	Input Expandability	2-door solution has a total of 10 inputs (requires NXD1 add-on board)	2-door solution has a total of 10 inputs (requires NXD1 add-on board). 3-door solution has a total of 14 inputs (requires NXD2 add-on board);
	Power-Fail and Panel Tamper	Yes	Yes
	"Off the Wall" Tamper Capability	Yes	--
POWER INPUT	Unit Input	Power over Ethernet (PoE) 802.3af or external 12 VDC supply	93 VAC to 264 VAC, 50/60 Hz input provides 12 VDC, 4 A output
	Socket or Hardwire AC Input	--	Yes
	Control Board Power Input	Power over Ethernet (PoE) or +12 VDC	+12 VDC from included power supply
POWER OUTPUT	Power for Reader(s) and Input Devices Power for Locks/Strikes	450 mA, 12 VDC is available to power strike, reader(s) and input devices when using PoE If higher current is needed, power by external 12 VDC supply	1.15 A per door for locks/strikes, readers and input devices (3.5 A @ 12 VDC total)
	Backup Battery System	External[4]	12 VDC, 7 AH battery
ENCLOSURE	Material	High Impact Plastic	Metal
	Physical Enclosure Size	197 H x 197 B x 70 D (mm)	354 H x 303 B x 120 D (mm)
	Wiring Access Holes/Knockouts	7	19
INSTALLATION	Removable Terminal Blocks with Color Coded Labels	Yes	Yes
	Graphic Wiring Cards/Labels	Yes	Yes
	Captive Mounting Hardware	Yes	Yes
	Cable Shield Termination Points	--	Yes
SYSTEM INFORMATION	Real Time Clock	Date and Time will be sync'd when connected to cloud. Geo-Timezone has to be configured and downloaded to the panel manually by user	
	Clock Synchronization	Yes - via NTP network server	
	Processor	Freescale Coldfire 32-bit	
	System MTBF (mean time between failures)	250,000 hours	
	Temperature Ratings	32 to 120˚F (0˚C to 49˚C) Operating; -67 to 185˚F (-55˚C to +85˚C) Storage	
	Certifications and Approvals	CE and FCC compliant UL-294 listing	CE and FCC compliant UL-294 listing

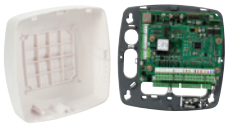
NetAXS® Cloud Hosted Access Control

SPECIFICATIONS AND FEATURES

		NetAXS-123	
			
		NX1P	NX1MPS
LEDs	Status LEDs	12 LEDs total (12V power, PoE, over current, Ethernet, reader(s), door state, run, relay status)	
COMMS	Built-in Communication Options	Ethernet, USB[5]	
HOST	3 modes of Operation	MAXPRO Cloud WIN-PAK XE, SE, PE, CS Standalone	
DOOR CONTROL	Door Control Modes	Card only, card and PIN, card or PIN, PIN only, lockdown, disabled, supervisor, escort, limited use card, expire on date, first card rule, snow day rule, time zone toggle, anti-passback, duress[3]	
	Interlocks for custom actions	Yes	Yes
	Anti-Passback Capability	Local and global capability, hard and soft implementation NetAXS-123 allows anti-passback using In and Out readers per door (local and global)[3]	
CARDS AND DATABASE	Card and Event Buffer Capacity	10,000 card capacity, 25,000 event capacity	
	Firmware Revisions and Updates	Cloud based f/w push	
	Database Backup	Cloud based configuration and Database Backup	
	Export Capabilities	Card database, alarms and events (CSV format)[3]	
	Maximum Card Format Size	75-bit (maximum card # = 64-bits)[3]	
	Time Zones	127[3]	
	Access Levels	128	
	Holidays	255[3]	
	Default Card Formats	8 Default Card Formats Supported (Additional Card Formats can be enrolled at the panel)	
POWER	Universal Power Supply Input	Power over Ethernet (PoE) 802.3af	Yes 93-264 VAC, 50/60 Hz input
MAXPRO CLOUD	Accessibility and Security	SSL HTTPS Login Standard PC or MAC Web Browser Access (Google Chrome Provides Best User Experience) Mobile App (IOS and Android)	
	Configuration	Map Based Configuration and Management: – Customer Accounts, Groups and Sites – Operators and site permissions – User Credentials and Cards – Access persona (Privileges) – Panels, Doors and Readers – Schedules and Holidays – Inputs and Outputs – Interlocks – Rules – Viewer, Calender search – Map based door status montitor and control. – Reader-B activation and de-activation.	

NetAXS® Cloud Hosted Access Control

SPECIFICATIONS AND FEATURES

		NetAXS-123	
		 NX1P	 NX1MPS
MAXPRO CLOUD	Events and Notifications	Rule based configuration of Events and Notification Email and Push Notifications Live Alarm Monitoring Door-Camera Association Today's Notifications Dashboard View	
	Reports	Multi-site Automated Reporting, Daily, Weekly and Monthly Event Reports Card Reports Audit Reports Export pdf and excel formats Dashboard View	
	Control	Lock and Unlock Doors Momentary Unlock Block Access Lock Down Return to Normal/time schedule Site level door control operation via mobile app Input shunt and unshunt Door control via Alarm page	

1. A second door may be added with a NXD1 add-on board however, PoE power restrictions apply (see footnote 2).
2. 450 mA, 12 VDC is maximum current available to power strike, reader(s) and input devices when using a 802.3af PoE connection. If unit is externally powered, higher current is available.
3. When using MAXPRO Cloud, this feature may have limitations or not exist.
4. An external UPS is required to power the PoE power source for battery backup.
5. USB port for setup and troubleshooting.
6. Software compatibility for NetAXS
   a) MAXPRO Cloud only supports NetAXS-123 configured as a gateway.

ORDERING INFORMATION

MAXPRO CLOUD ACCESS CONTROL SERVICES - MONTHLY FEES	REFERENCE
For one Door	**MPC-A000**

For more information:
www.maxprocloud.com/uk

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