

## NetAXS®

### Cloud-Hosted Access Control

NetAXS is now integrated with MAXPRO® Cloud. MAXPRO Cloud is fully integrated access, video and intrusion 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 any standard 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 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



Property Management



Franchises



Commercial Offices



Professional Services



Remote Facilities



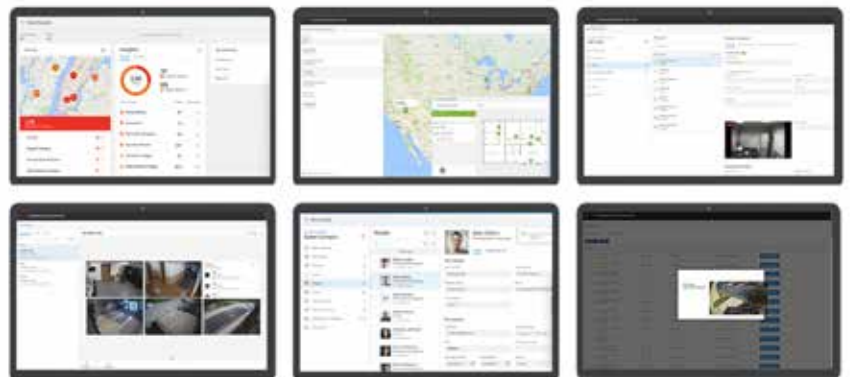
# NetAXS® Cloud-Hosted Access Control

## 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
- Easy video integration with associated cameras and doors

### Intuitive User Interface

- Customizable Dashboards
- Google Maps
- Dynamic Floor Plans
- Live Control
- Multi-site Access, Video & Intrusion
- Integrated Multi-site Viewer
- Multi-site User Access Management
- Live Alarms & Event Monitoring



### Powerful Mobile App

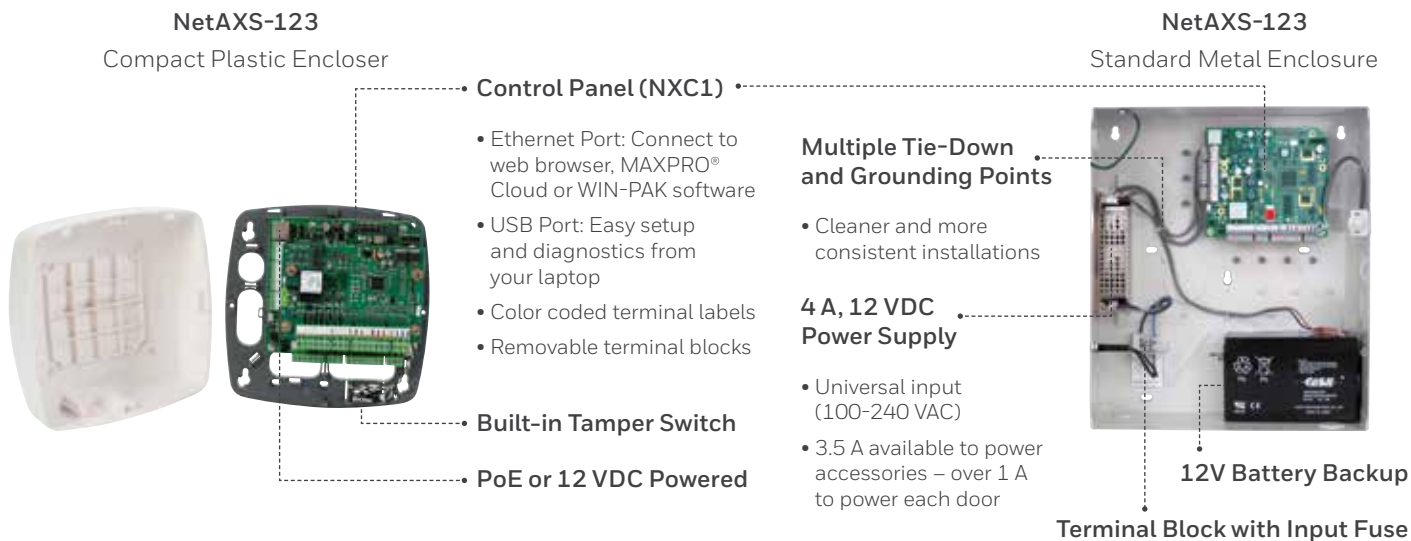
- Dashboard View, Health, Status & Events
- Multi-location Site Management Access, Video & Intrusion
- Arm & Disarm Site
- Lock & Unlock Doors
- User Access Management
- Multi-site Integrated Viewer
- Video Playback of Events
- Alarms and Real-Time Notifications











# NetAXS® Cloud-Hosted Access Control

## QUICK REFERENCE GUIDE: NETAXS-123

### Cloud-based access control, scalable and distributed architecture



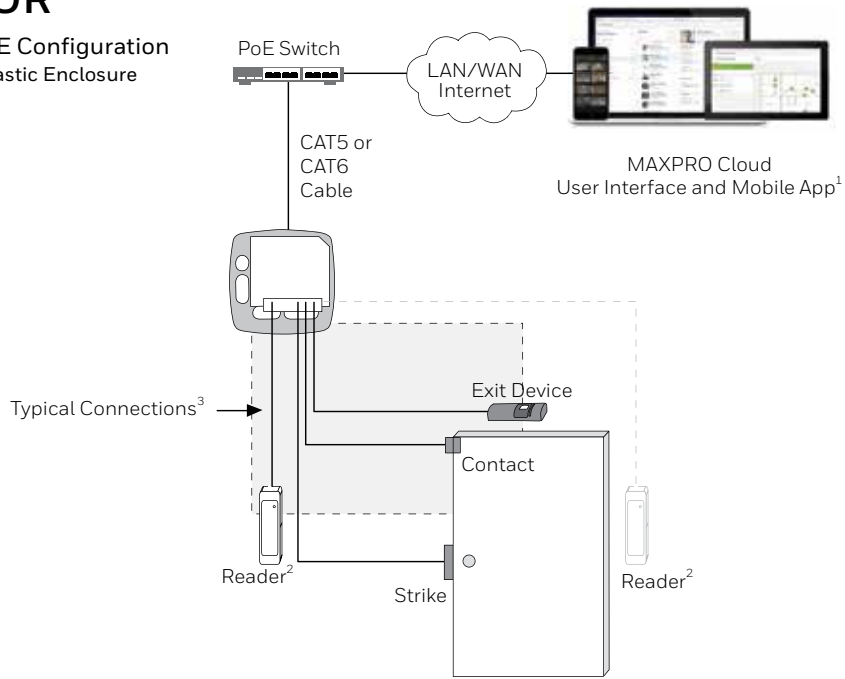
NetAXS-123			Indoor and Outdoor (IP 65 Rated)	
				
<b>NX1P</b> 1 Door Compact Plastic Enclosure	<b>NX1MPS</b> 1 Door Standard Metal Enclosure	<b>NXD1</b> 1 Door Add-on Board	<b>OP10HONS</b> Mini-Mullion Mount	<b>OP40HONS</b> Wall Mount
				
		<b>NXD2</b> 2 Door Add-on Board	<b>OP30HONS</b> Mullion Mount	<b>OP90HONS</b> Vandal Resistant

NetAXS WEB-BASED ACCESS CONTROL			NetAXS WEB-BASED ACCESS CONTROL: READER KITS			RECOMMENDED ACCESSORIES			
ORDER PART NUMBER	DOORS			ORDER PART NUMBER	DOORS			PART NUMBER	DESCRIPTION
	1	2	3		1	2	3		
NX1P*	✓			NX1P10 (1) NX1P, (1) OP10HONS	✓			<b>OMNIPROX READERS</b> <b>OMNIPROX (SUPPORTS HOLD LINE)</b> OP10HONS Mini-Mullion Mount OP30HONS Mullion Mount OP40HONS Wall Mount OP90HONS Vandal Resistant	
NX1MPS	✓			NX1MPS10 (1) NX1MPS, (1) OP10HONS	✓			<b>REQUEST-TO-EXIT</b> IS310WH IS310WH entry level RTE, white IS310BL IS310BL entry level RTE, black IS320WH IS320WH fully featured RTE, white IS320BL IS320BL fully featured RTE, black	
NX1P + NXD1*		✓		NX1P10 + NXD10P10 (1) NX1P, (1) NXD1 (2) OP10HONS		✓		<b>CARDS</b> PX425 34bit OmniProx Clamshell proximity 25 card pack PVC425 34bit OmniProx ISO proximity 25 card pack PVC525 34bit OmniProx ISO proximity with mag stripe 25 card pack PX-KEY-H 34bit OmniProx key fob	
NX1MPS + NXD1		✓		NX1MPS10 + NXD10P10 (1) NX1MPS, (1) NXD1 (2) OP10HONS		✓			
NX1MPS + NXD2			✓	NX1MPS10 + NXD20P10 (1) NX1MPS, (1) NXD2 (3) OP10HONS			✓		

## SYSTEM OVERVIEW

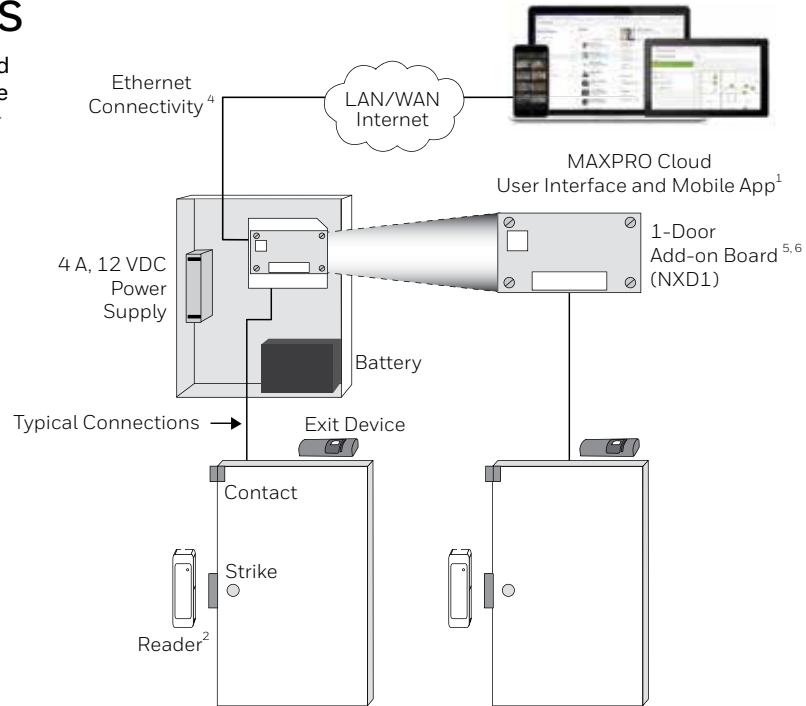
### 1 DOOR

Typical PoE Configuration  
Compact Plastic Enclosure



### 2 DOORS

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

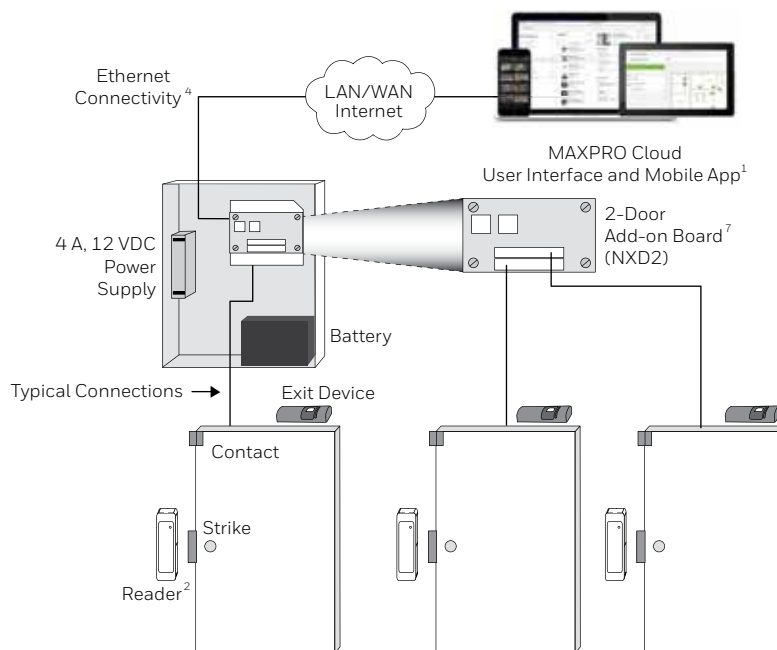


# NetAXS® Cloud-Hosted Access Control

## SYSTEM OVERVIEW

### 3 DOORS

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



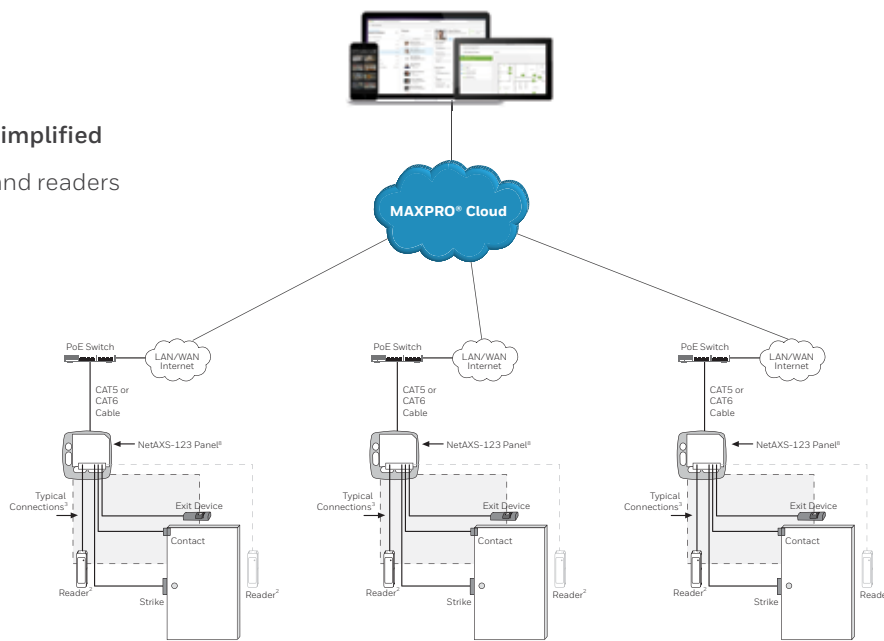
## MULTI-SITE ACCESS CONTROL – SIMPLIFIED

Each panel is configured as a gateway

Registration is plug and play

Multi-site 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



Site 1

Site 2



Site 3

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			
			
		<b>NX1P</b>	<b>NX1MPS</b>
READERS/DOORS	Door/Reader Capability	1 DOOR Controller <sup>1,2</sup>	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 <sup>3</sup> – 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	450 mA, 12 VDC is available to power strike, reader(s) and input devices when using PoE	1.15 A per door for locks/strikes, readers and input devices (3.5 A @ 12 VDC total)
	Power for Locks/Strikes	If higher current is needed, power by external 12 VDC supply	
	Backup Battery System	External <sup>4</sup>	12 VDC, 7 AH battery
ENCLOSURE	Material	High Impact Plastic	Metal
	Physical Enclosure Size	7.75"H x 7.75"W x 2.75"D	13.9"H x 11.9"W x 4.7"D
	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<sup>®</sup> Cloud-Hosted Access Control

## SPECIFICATIONS AND FEATURES

NetAXS-123		
		
	<b>NX1P</b>	<b>NX1MPS</b>
<b>LEDS</b>	Status LEDs	12 LEDs total (12V power, PoE, over current, Ethernet, reader(s), door state, run, relay status)
<b>COMMS</b>	Built-in Communication Options	Ethernet, USB <sup>5</sup>
<b>HOST</b>	3 modes of Operation	MAXPRO Cloud WIN-PAK XE, SE, PE, CS Standalone
<b>DOOR CONTROL</b>	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 <sup>3</sup>
	Interlocks for custom actions	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) <sup>3</sup>
<b>CARDS AND DATABASE</b>	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) <sup>3</sup>
	Maximum Card Format Size	75-bit (maximum card # = 64-bits) <sup>3</sup>
	Time Zones	127 <sup>3</sup>
	Access Levels	128
	Holidays	255 <sup>3</sup>
	Default Card Formats	8 Default Card Formats Supported (Additional Card Formats can be enrolled at the panel)
<b>POWER</b>	Universal Power Supply Input	Power over Ethernet (PoE) 802.3af
		Yes 93-264 VAC, 50/60 Hz input
<b>MAXPRO CLOUD</b>	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: <ul style="list-style-type: none"> <li>- Customer Accounts, Groups and Sites</li> <li>- Operators and site permissions</li> <li>- User Credentials and Cards</li> <li>- Access persona (Privileges)</li> <li>- Panels, Doors and Readers</li> <li>- Schedules and Holidays</li> <li>- Inputs and Outputs</li> <li>- Interlocks</li> <li>- Rules</li> <li>- Viewer, Calendar search</li> <li>- Map based door status monitor and control.</li> <li>- Reader-B activation and de-activation.</li> </ul>

# NetAXS<sup>®</sup> Cloud-Hosted Access Control

## SPECIFICATIONS AND FEATURES

NetAXS-123



NX1P



NX1MPS

MAXPRO CLOUD	Events and Notifications	<ul style="list-style-type: none"> <li>Rule based configuration of Events and Notification</li> <li>Email and Push Notifications</li> <li>Live Alarm Monitoring</li> <li>Door-Camera Association</li> <li>Today's Notifications</li> <li>Dashboard View</li> </ul>
	Reports	<ul style="list-style-type: none"> <li>Multi-site Automated Reporting, Daily, Weekly and Monthly</li> <li>Event Reports</li> <li>Card Reports</li> <li>Audit Reports</li> <li>Export pdf and excel formats</li> <li>Dashboard View</li> </ul>
	Control	<ul style="list-style-type: none"> <li>Lock and Unlock Doors</li> <li>Momentary Unlock</li> <li>Block Access</li> <li>Lock Down</li> <li>Return to Normal/time schedule</li> <li>Site level door control operation via mobile app</li> <li>Input shunt and unshunt</li> <li>Door control via Alarm page</li> </ul>

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.

**For more information:**

[www.honeywell.com/security](http://www.honeywell.com/security)  
[www.maxprocloud.com](http://www.maxprocloud.com)

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