



# Cellular Cloud-Based Access Control (ACaaS)



**Introducing AirAccess** - The 1st revolutionarily-easy, new cellular-based access control system, right-sized for the fastest growing, high-volume segment of commercial security— today's small and medium size businesses (SMB). Virtually wire-free from the cloud to the doors, AirAccess offers a profitable new business model for creating new commercial accounts faster and adding new RMR twice as quickly, providing ACaaS, Access Control as a Service. Making all the right connections for you literally and figuratively, it's effortlessly cellular, combining an economical hosted access system with super-easy installation and without IT/ISP issues.

Now, dealers, integrators and locksmiths alike can quickly deliver the enhanced security, and bells & whistles SMB accounts want. They'll get the fluid mobile, cloud-based access system that keeps them in charge and informed anywhere they go, 24/7, with customized SMS notifications on any smart device, and even optional real-time central station monitoring, but without the investment, server hardware, updates or onsite security staff.

## Easiest All Around:

- **Easiest to Install and Operate, cloud-based access, wireless panels with standard readers &/ or networked wireless locks**
- **Easiest Connection - Proven StarLink® cellular communications** makes direct connections for you, outside your customers' IT network or ISP (no ports or static IPs needed)
- **Easiest Setup** - Cloud-based software auto-learns network devices so it's simply plug and play
- **Easiest ACaaS System for Fastest Growth** - Provides 2X RMR-Earnings from hosted access control &/or real-time security monitoring
- **Easiest to Bid & Budget** - Flat monthly system fees, saves enduser accounts the need to devote resource to an on-premise access system - *Lowest TCO wins you more accounts*





## Simply Uses the #1 Top-Selling StarLink Cellular Communications & Wireless Access Locks for More Valuable, Dependable Services

While all-new, AirAccess is built on a proven foundation of the industry's top-selling StarLink® Cellular Communicators, and Alarm Lock Trilogy Networkx® access control and wireless lock technologies, all from NAPCO Security Technologies, delivering the ideal integrated, scalable security solution today's businesses need, using their standard IDs &/or the built-in mobile credentials in the AirAccess App.



### AirAccess Starter Kit 1: AA-KIT1A

- StarLink Cellular Communicator with transformer, makes the connections for you, outside the client network/server/firewall for easy setup.
- Gateway for Networking Wiegand Prox readers and NetworkPanel or up to 63 Access Doors (w/ Trilogy Networkx or ArchiTech Locks)
- AirAccess cloud-based software is ready to connect to. Nothing extra to buy, no local server, No software to load or licenses. Auto-setup wizard for installation ease. For accounts, it's equally easy – and you can give them as much or as little control as you'd like.
- Free App with mobile credential



### AirAccess Starter Kit 2: AA-KIT2APOW

- StarLink Cellular Communicator w/ Standby Battery Backup Power in Locking Metal Enclosure, makes the connections for you, outside the client network/server/firewall for easy setup.
- Gateway for Networking Wiegand Prox readers and NetworkPanel or up to 63 Access Doors (w/ Trilogy Networkx or ArchiTech Locks)
- AirAccess cloud-based software is ready to connect to. Nothing extra to buy, no local server, No software to load or licenses. Auto-setup wizard for installation ease. For accounts, it's equally easy – and you can give them as much or as little control as you'd like.
- Free App with mobile credential



### Wireless NETWORKPANEL for use w/ Readers

- Wireless Network Panel for universal use with most standard IDs & readers
- Supports standard 26-63 bit format Wiegand Readers (Farpoint®, HID®, Schlage®, Exceed ID™)
- Supports 1 Door/2 Reader (IN/OUT). Just plug in to power w/ supplied transformer
- Door Position Switch & Request to Exit
- Ideally used where wiring isn't possible, such as a gate
- May also be used with existing or new electrified hardware (electric strike, mag lock, etc)
- Metal enclosure, 12V power supply with transformer and provision for rechargeable backup battery



### AirAccess Gateway: AA-GATEWAY

- Interfaces Networkx locks or NetworkPanel and readers with a PC network via a hardwire Ethernet connection. (Included in Kits 1&2)
- Each Gateway supports up to 63 Locks/NetPanels max.
- Enhanced with additional extended potential range
- Supports up to seven (7) Expanders (model AL-IME2 Expanders). Each Expander can extend the AirAccess Gateway's coverage area by approximately 100 feet
- Optional version with power adapter (See page 6)



### Expander: AL-IME2-EXP

- Optional Expander extends the coverage area of AirAccess Gateways to Trilogy Networkx Locks or NetPanels within a PC network
- Allows greater distances for the placement of up to a maximum rated capacity of 63 Networkx locks / NetPanels per AirAccess Gateway.

**AL-IME2-EXP-POE** - Power Over Ethernet version



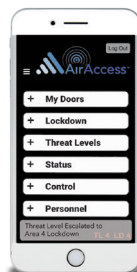
### AirAccess Cellular Communicator w/transformer: AA-LTEA

- Uses proven, Class-Leading StarLink Cellular Technology
- Standard ABS Housing
- Makes cell connections for you, outside the client network/server/firewall
- Scalable solution, ea. radio supports 500 users/account and up to 378 doors (6 Gateways x 63 Locks/NetPanels max per Gateway)
- *Included in AirAccess Starter Kit 1*



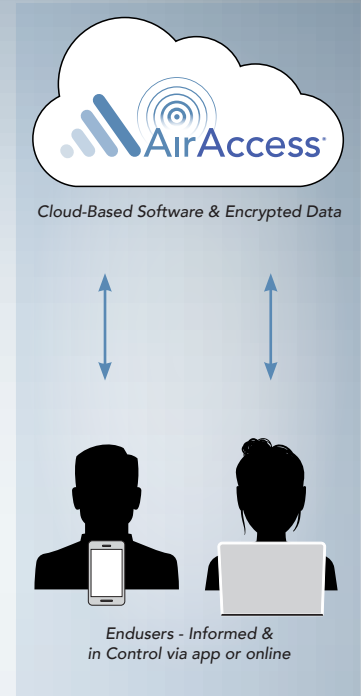
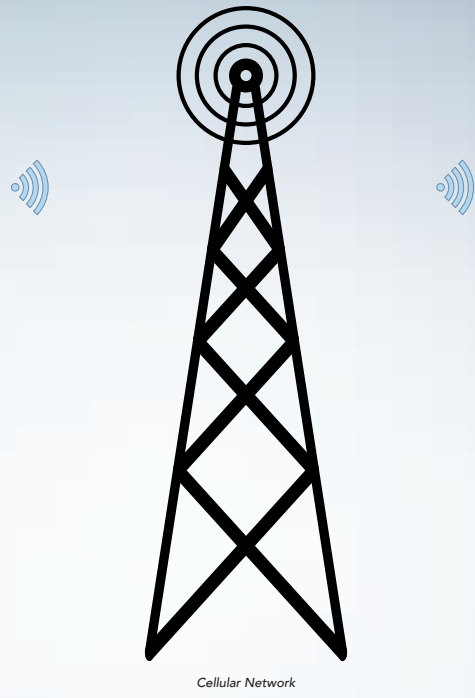
### AirAccess Cellular Communicator with standby battery backup and power: AA-LTEA-PW

- As above, but in Locking Metal Enclosure
- Uses Proven, Class-Leading StarLink Cellular Technology
- Provision for Standby Power with Rechargeable, sealed lead-acid battery, sold separately
- *Included in AirAccess Starter Kit 2*



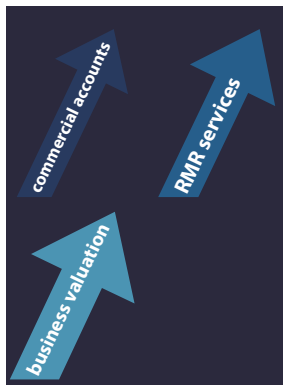
### AirAccess Mobile App

- Virtual universal credential built-in for access through Networkx Prox Locks or wiegand readers used with NetworkPanel
- Complete system control from any smart phone/ smart device (IOS, Android)
- Contactless Cloud-based Solution – No cards/badges to carry
- SMS Alerts/Notifications
- Manage & Control Doors, Initiate lockdown and more
- Download from the Apple Store or Google Play



## Virtually Wire-Free from the Cloud to the Door

AirAccess Cellular makes direct connections for you - instead of relying on a customer's busy IT department or resources. Choose standard wiegand readers or wireless Prox Locks and communicate over cyber-protected cell-networks to give customers 24/7 peace of mind and cloud-based control.



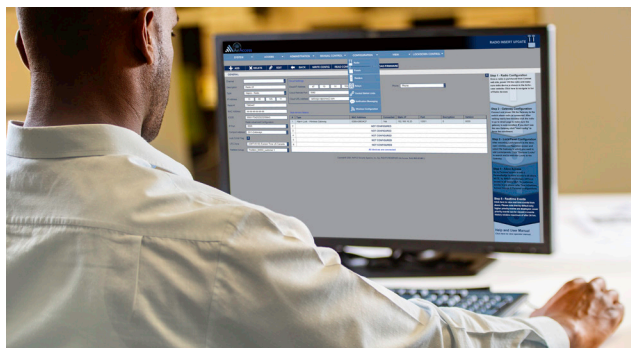
## Cost-Effective, Scalable Cellular-Cloud-Based ACaaS & Ecosystem that helps you add business & generate new RMR faster than ever.

### Cellular-networked for quick installation, account acquisitions & servicing:

- No Client IT Resources
- No ISP issues, no static IPs or ports to open
- No local server or software to load/upgrade

### Scalable Solution, Just Add-on Cell-Radios

- Each Radio Supports up to 500 users per account
- And up to 378 doors (Gateways control up to 63 Locks/Panels; Up to 6 Supported/ Radio)



## Intuitive Cloud-Based AirAccess Software Included

Simple 5-Step Wizard automatically helps set up the plug-and-play network, and learns AirAccess Cell Communicator(s) to the Cloud - Creating easily deployed, securely hosted, perennially up-to-date systems: No more licenses or time-consuming hardware or software upgrades onsite; minimal tech training, too.

## Right-Sized for Small & Medium Sized Businesses (SMBs) -

The Largest Segment of Today's Commercial Market. Designed with the features they want most to run their businesses smarter and more securely, instead of worrying about distracting day-to-day security challenges, investments or upgrading old hardware.

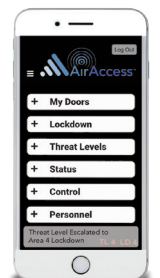
Free customizable sales trifold mailers for offices, restaurants and general business prospects.



- Professional Offices
- Single Tenant
- Multi-Tenant
- Daycare
- Retail
- Quick-Turn Restaurants
- And More

## Easy App Gives You & Your Accounts the 24/7 Control & Mobile Credentials You Both Want

Easy App with built-in credential and control of doors, users and lockdown/threat status. SMS notifications keep accounts connected 24/7 with their premises from anywhere - Get text alerts in case of an emergency, a forced door, or even an alarm event in real-time. Customize this for the value-added service you want to provide and/or just the alerts they want to see.





# Just Add Choice of Doors - Wiegand Readers &/or PIN/Prox Locks

## Choose Any Standard Wiegand Readers with Network Panel



### NAPRP-300HA Mini Mullion Mount Prox Reader

- 125 kHz Pyramid Proximity Reader
- Mount: Mullions, including metal door and window frames, as well as flat surfaces
- Dimensions: 1.7" W x 3.2" H x 0.7" D
- Read Range of up to 5 inches
- Wiegand ABA Track II Interface



### NAPRP-500HA Single Gang Prox Reader

- 125 kHz Pyramid Proximity Reader
- Mount: Metal or plastic US single-gang wall box, as well as flat surfaces
- Dimensions: 3" W x 4.6" H x 0.4" D
- Read Range of up to 8 inches
- Wiegand ABA Track II Interface



### NAPRP-620HAB Mullion-Mount Proximity Reader & Keypad

- 125 kHz Pyramid Proximity Reader
- Mount: Mullions, including metal door and window frames, as well as flat surfaces
- Dimensions: 1.78" W x 6.1" H x 0.91" D
- Read Range of up to 5 inches
- Wiegand Interface



### NAPRP-640HAB Single Gang Prox Reader & Keypad

- 125 kHz Pyramid Proximity Reader
- Mount: Metal or plastic US single-gang wall box, as well as flat surfaces
- Dimensions: 3" W x 4.6" H x 0.75" D
- Read Range of up to 7 inches
- Wiegand Interface



Wireless Network Panel for universal use with most standard IDs & readers (use w/ standard 26-63 bit format Wiegand Readers)

## WITH READERS



## WITH LOCKS



## Choose Alarm Lock Networkx Wireless PIN/Prox Locks for Inside or Out



### Networkx PDL6200 Cylindrical Lock

- 5000 user credentials with 4-9 digit PINs or IDs
- Provide all standalone Trilogy lock functionality plus global network and emergency lockdown features
- Flexible System Monitoring, Control & Programming
- Grade 1 durability, rugged clutch mechanism and weatherproof for use inside or out
- Built in Wiegand ID reader accepts most proximity cards and keyfobs
- For Prox iClass™ 13.56 mHz ID cardholder support with DPS/REX as above, specify model **PDL8200**
- **PDLN4100**, similar to above, w/ Privacy Pushbutton on inside door, programmable duration (No DPS/REX)
- **PDL6300** Double-sided (shown left) cylindrical prox lock, functionality from 2 sides of the door; PIN/Prox access logged coming and going (No DPS/REX)



Double-Sided option available



### Networkx PDL6600 Mortise Lock

- High Security Keyless Access Lock for locking or retrofitting mortised-in mortise door prep
- 5000 user credentials with 4-9 digit PINs or IDs
- Door Position Switch/Request to Exit (DPS/REX)
- Flexible System Monitoring, Control & Programming Weatherproof and long-life battery operated
- 1-3/8" mortise cylinder included
- Choice of classroom or deadbolt functions & finishes
- For Prox iClass™ 13.56 mHz ID cardholder support with DPS/REX, specify model **PDL8600**
- **PDLN4500DB** Mortise deadbolt w/ Privacy Pushbutton on inside door, programmable duration (No DPS/REX support)



### Networkx ETPDN-RX Exit Trim

- Add Trilogy Networkx keyless pushbutton convenience and labor-savings to any panic exit bar
- Same specs as above
- Models available for Von Duprin™, Sargent™, Yale™, Corbin/Russwin™, Dorma™, Marks USA M9900 or Arrow™ push bars
- Weatherproof and long-life battery operated
- For Prox iClass™ specify model **ETPDNI-RX**



# Alarm Lock Wireless Access Lock Comparison

Model & Feature	P/DL6200	P/DL6600	PDL6300	P/DL 1300NW	PDL1300NWET	ETDLN, ETPDN	N90S/T	N90L	N95S/T	N95I/J
Lock Type	Cylindrical	Mortise	Cylindrical, Double-sided	Narrowstilet trim	For use with Narrowstilet Exit Trims	For use with Exit Device	ArchiTech Cylindrical Surface Mount, Ethernet	ArchiTech Cylindrical Surface Mount, Ethernet	ArchiTech Mortise Surface Mount, Ethernet	ArchiTech Mortise Insert Electronics, Ethernet
User Credentials	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Code Length	4-9 digits	4-9 digits	4-9 digits	4-9 digits	4-9 digits	4-9 digits				
Programming	Keypad / PC	Keypad / PC	Keypad / PC	Keypad / PC	Keypad / PC	Keypad / PC	Card Reader/PC	Card Reader/PC	Card Reader/PC	Card Reader/PC
Vandal-Proof Keypad	All metal, 12 button	All metal 12-button	All metal 12-button	All metal, 12 button	All metal, 12 button	All metal, 12 button				
Audit Trail Events	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000
Time Schedules	254	254	254	254	254	254	254	254	254	254
AirAccess App Mobile Solution	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Global Lockdown	Lock, server or keyfob	Lock, server or keyfob	Lock, server or keyfob	Lock, server or keyfob	Lock, server or keyfob	Lock, server or keyfob	Lock, server or keyfob	Lock, server or keyfob	Lock, server or keyfob	Lock, server or keyfob
Function							Apartment	Flashing lockdown strobe indicator (inner door)	Storeroom, Apartment, Automatic Deadbolt	Storeroom, Apartment, Automatic Deadbolt
Door Position Switch	PDL6200; PDL8200 with iClass support	PDL6600; PDL8600 with iClass support				ETPDN-RX; ETPDNI-RX with iClass support	Ask your Sales Representative for more on ArchiTech Door-Position Monitoring Models			
Request to Exit	PDL6200; PDL8200 with iClass support	PDL6600; PDL8600 with iClass support			ETPDN-RX; ETPDNI-RX with iClass support					
Weather-Proof -31 to 151° F	Standard	Standard	Standard	Standard	Standard	Standard				
Handing	Non-handed	Handed	Non-handed, fully field reversible	Non-handed, fully field reversible	Non-handed, fully field reversible	Non-handed, fully field reversible	Non-handed	Non-handed	Handed; Field Reversible	Handed; Field Reversible
Door Thickness	1-5/8 to 1-7/8" (others on request)	1-5/8 - 1-7/8"	1-5/8 to 1-7/8" (others on request)	1-3/4"	1-3/4"	1-5/8 to 1-7/8" (others on request)	1-5/8 to 1-7/8" (others on request)	1-5/8 to 1-7/8" (others on request)	1-5/8" to 1-7/8"	1-5/8" to 1-7/8"
Backset	2-3/4" (included); 2-3/8" option.	2-3/4" (included)	2-3/4" (included)	31/32, 1-1/8 & 1-1/2"; Stile Thickness 1-3/4"	31/32, 1-1/8 & 1-1/2"; Stile Thickness 1-3/4"		"1-5/8"" to 1-7/8"" others upon request 2-3/4" (incl'd)	2-3/4" (included)	2-3/4" (included)	2-3/4" (included)
Battery/Cycles Typical	4 C cells; 500,000 or up to 5 years	4 C cells; 500,000 or up to 5 years	4AA; 600,000 or up to 3-4 years	4AA; 100,000 or up to 3-4 years	4AA; 100,000 or up to 3-4 years	4 C cells; 500,000 or up to 5 years	4 AA, 3 years / 100,000 (w/ Power Saver Circuit)	4 AA, 3 years / 100,000 (w/ Power Saver Circuit)	4 AA, 3 years / 100,000 (w/ Power Saver Circuit)	4 AA, 3 years / 100,000 (w/ Power Saver Circuit)
Ratings	BHMA Grade 1 Lockset; 3hr. Fire Rated UL	BHMA Grade 1 Lockset; 3hr. Fire Rated UL	BHMA Grade 1 Lockset; 3hr. Fire Rated UL	3Hour Fire Rated UL	—		BHMA Grade 1 Lockset; 3hr. Fire Rated UL	BHMA Grade 1 Lockset; 3hr. Fire Rated UL	BHMA Grade 1 Lockset; 3hr. Fire Rated UL	BHMA Grade 1 Lockset; 3hr. Fire Rated UL
Architectural Finishes	US26D, US10B	US26D, US10B	US26D, US10B	US26D, US10B	US26D, US10B	US26D, US10B	Customizable; Std US26D, 10B	Customizable; Std US26D, 10B	Customizable; Std US26D, 10B	Customizable; Std US26D, 10B

Note: For Comprehensive Benefits with AirAccess System, choose lock models color-coded in blue, specifying Door Position Switch and Request to Exit Features (DPS & REX).

## or Designer ArchiTech® Customizable Wireless Access Locks with Trilogy Electronics

- Surface-Mount or Mortised-in Electronics and Battery Pack
- 5000 User Credentials, 254 Time Schedules & 8,000 Event Audit Trail
- Choice of oval or square reader
- Models N90 & N95 support either 125 kHz or 13.56 mHz formats
- ANSI / BHMA Grade 1 Certified, UL Listed 3 Hours (trim-dependent)
- Model N90L includes flashing lockdown strobe indicator on inner door
- Operated via access card, keyfob or AirAccess App
- Wireless programming range: up to 100 ft.
- Mortise version compatible with all 300+ optional architectural trim, lever or knob designs



Concealed electronics



Mortised-in electronics and batteries



Cylindrical; Surface Mounted Electronics (back box not shown)



Mortise; Surface Mounted Electronics



Mag stripe Reader



Keypad Model

Note: Please consult technical documentation for complete specifications.



# AirAccess Cellular Cloud-Based ACaaS Ordering Information

**AA-KIT1A** AirAccess Kit 1 includes cellular communicator w/ X-Former (AT&T Network); Gateway for networking Wiegand Prox readers and NetworxPanel or up to 63 access doors (w/ Trilogy Networx or ArchiTech Locks); AirAccess cloud-based software + App

**AA-KIT2APOW** AirAccess Kit 2 includes cellular communicator w/ standby battery backup power, in locking metal enclosure (AT&T Network) (Note- rechargeable 12V battery sold separately.) Gateway for networking Wiegand Prox readers and NetworxPanel or up to 63 access doors (w/ Trilogy Networx or ArchiTech Locks); AirAccess cloud-based software + App

**AA-GATEWAY** AirAccess Gateway for networking up to 63 access doors (supports Wiegand Prox readers and NetworxPanel or Trilogy Networx or ArchiTech Locks), w/ X-Former & wire

**AA-GATEWAYPOE** AirAccess Gateway as above, but Power Over Ethernet version, plus hardwire Gateway interface capability

**AA-GATEWAY-PW** Same as AA-GATEWAY, but with power adapter

**NETWORXPANEL** Wireless Networx Panel in locking metal enclosure for use with standard 26-63 bit format wiegand readers; supports popular ID formats & AirAccess App credential. 1 Door/2 Reader (In/Out) & Door Position Switch. Supplied transformer plugs into AC power; rechargeable standby battery backup power (12V battery sold separately.)

**SOFTWARE** Free Cloud based software, included with each AirAccess Kit. No software to load. No local server required. Easy On-Screen Wizard plug and play setup

**AL-IME2-EXP** Gen. 2 Wireless Expander.

**AL-IME2-POE** Power over Ethernet version of above

**AA-LTEA** AirAccess additional cellular communicator w/ X-Former (AT&T Network). Scalable solution, just add radios for increased coverage; each supports up to 500 added users/ account and up to 378 doors (6 Gateways x 63 locks/panels max. per Gateway). ABS, included in AA Starter Kit 1

**AA-LTEA-PW** As above, AirAccess additional cellular communicator w/ standby battery backup power, in locking metal enclosure (AT&T Network) rechargeable 12V battery sold separately. Included in AA Starter Kit 2

**AA-TRF** Optional Transformer for batt'y backup

**AAPOESW** Optional POE switch

**RR-4BKEYFOB** 4-button keyfob

**AL-NSG** Optional Gateway Simulator Aid

**AL-NSM** Optional Site Survey Tool for Gateways

**NAPRP-500HA** Single-Gang Box Wiegand Proximity Reader, pyramid shape

**NAPRP-300HA** Mullion Mount Wiegand Proximity Reader, pyramid shape

**NAPRP-640HAB** Single-Gang Box Wiegand Reader/Backlit Keypad Combination, Standard Pyramid Format

**NAPRP-620HAB** Mullion Mount Wiegand Reader/Backlit Keypad Combination

**PDL6200** Cylindrical Trilogy Networx PIN/Prox. wireless access control lock with built in Wiegand proximity ID card reader and Door Position Switch/ Request to Exit feature (DPS/REX)

**PDL8200** As above, with iClass support

**PDL6600** Mortise Trilogy Networx PIN/Prox. wireless access control lock with built in Wiegand proximity ID card reader and Door Position Switch/Request to Exit feature (DPS/REX)

**PDL8600** As above, with iClass support

**ETPDN-RX** Trilogy Networx wireless access lock exit trim with built-in Wiegand proximity ID card reader with Door Position Switch & Request to Exit feature

**ETPDNI-RX** As above, with iClass support

**PDL1300NWET** Networx narrow stile exit trim with built in Wiegand proximity ID card reader. No Door Position Monitoring (No DPS/REX)

**PDLN4100** Networx Cylindrical PIN/Prox Lock with Privacy Pushbutton on inner door, activated by occupant for a programmable duration. (No DPS/REX)

**PDLN4500DB** Networx Privacy PIN/Prox Lock above, but in Mortise Deadbolt format. (No DPS/REX)

**PDL6300** Cylindrical Trilogy Networx double-sided PIN/Prox. wireless access control lock with built in Wiegand proximity ID card reader. (No DPS/REX)

**PDL1300NW** Networx narrow stile wireless access prox lock trim with built in Wiegand proximity ID card reader. (No DPS/REX)

**Check with your Sales Rep on Door- Position Monitoring ArchiTech models**

**N90S/T** ArchiTech cylindrical customizable lock, with surface mount electronics, choice of lever, reader and optional Bluetooth LE, iClass, keypad, or Magstripe reader. **Model N90L with flashing lockdown strobe indicator on inner door**

**N95S1RW92LAD32D** Mortise ArchiTech wireless access control lock w/ built in oval-shaped prox ID reader. Round rose, Square lever. Fully distributed processing, Long Battery life. Left-handed. Automatic Deadbolt function for monitored door position in AA system. US32D finish.

**N95S1RW92RAD32D** As above, but right-handed

**N95S2RW92LAD32D** As above, with square reader, left-handed

**N95S2RW92RAD32D** As above, with square reader, right-handed



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