EASY INSTALL
Replaces any door lock, on any door type, neatly, quickly

MORE AFFORDABLE
Lowest labor & equipment costs without sacrificing top electronic access features

EASY NETWORK
No wires to run to doors. Uses customers' existing network or Ethernet & multi-lock gateways & optional repeaters

CENTRALLY MANAGED
Auto-Schedule program updates, queries, or free access by time, by door & more

USERS
Supports thousands of PIN, ID or iLock App users. Easily added/removed local or remotely

GLOBAL LOCKDOWN
or unlock in seconds from the server or any lock

Ask About New AirAccess

Networked Wireless Access Control that's ½ the cost of a hardwired system, now for every door & application

Based on Trilogy®, the #1 electronic standalone access locks, Networx™ Locking Products are networked to save staff labor, eliminating door-to-door programming and audit trail retrieval, by communicating wirelessly via Ethernet or 802.11B/G, all while providing the ultra dependability, functionality & long battery life, original Trilogys are known for. The expanded Networx line, for every type of door, combines to provide a quick, easy, economical access system for up to 2000 doors and 5000 users, with advanced features & functions, e.g., automatic schedules, event logs. But, with no wires to run, and no access panels or power supplies to buy or install, it can be a great time and budget saver for buildings, campuses or office suites. At its simplest, it's one Grade 1 wireless lock per door, installed in about an hour, all communicating to a single Gateway (your choice of gateways controls up to 63 locks), networked to any non-dedicated Windows-based PC. In addition to Wireless Trilogy Networx' unsurpassed battery-life, exceeding 5 years, they feature new network-wide capabilities, executed from any lock or the network's PC, including emergency priority global lockdown deployed in seconds, and you can activate (non-priority) system-wide free-passage or locking modes from the PC. For existing Trilogy installations, original standalone and new Trilogy Networx locks can seamlessly share one common database hosted on free Alarm Lock DL-WINDOWS software. For real-time access applications, Networx Locks offer enterprise network integration with several leading platforms.

- **Trilogy Networx Locks communicate wirelessly via Ethernet, Bluetooth LE or 802.11B/G** for a comprehensive wireless networked door access control system, eliminating door-to-door programming and audit trail retrieval and providing all standalone Trilogy lock functionality plus new network-wide and emergency lockdown features

- **Unsurpassed 5-year+ battery life, typical**, (Automatic battery status reports at the PC; visual and audible low-battery status indicators at lock(s).

- **Trilogy Networx and gateway modules have an integral transceiver for highly-efficient 900MHz bidirectional communications**, for longer range and less interference than with more common 2.4GHz spread spectrum devices. Alarm Lock devices require NO wiring; NO splitters or repeaters; NO hardwiring to the host/server; NO extra power supplies; and NO access controller/panels.

- **In seconds, emergency global lockdown can be activated from the Networx PC, any Networx lock or Keyfob** (RR-4BKEYFOB). (This priority emergency command is lightning-fast system-wide and supersedes all scheduled programs or updates, etc. However, if desired, locks may be selectively programmed to be excluded from emergency global lockdown function, i.e., they will ignore the command.)

- **System-wide free-passage enable or disable**, can likewise be activated from the Networx PC

- **Locks easily retrofit standard locks and support up to 5000 users with 3-6 digit numeric PIN codes and PDL-Series also support prox ID card users** (virtually all HID™ format proximity technology ID cards or credentials.)

- **On demand, in seconds, wirelessly change users, schedules, lock features or retrieve audit trails of up to 40,000 events/lock from any networked PC.** (Note: Transaction processing time is dependent upon system capacity, the more locks/gateways and the more data to be up/downloaded, the longer the time.)

- **Unattended programming updates or event log retrievals can be scheduled** to run automatically, saving manpower and productive time.

- **Seamless upgrade path for original Trilogy users:** Intermix with existing Trilogy standalone lock installations and share one database and familiar Trilogy lock and software functions: Trilogy Wireless Networx Locks seamlessly integrate in an existing Alarm Lock Trilogy standalone door access system and share the same single DL-WINDOWS database (requires v4.1.x or higher). Existing Trilogy users can easily add one wireless Networx Lock, or as many as two thousand, to an existing system seamlessly with no downtime.

- **Secure 128bit AES PC encryption and proprietary RF-link lock communication encryption** protects the system from interference or tampering (WEP or WPA compatible with wireless modem).

- **Remote System Management:** VPN-connection /remote capability for accessing the Networx System and controlling up to all 2000 locks, with all the security and peace-of-mind of your IT network. (No special modems required.)

- **Wireless locks are fully keypad programmable** and can be up and functioning even before their wireless network is configured, so IT departments don't have to coordinate with physical security departments or locksmiths

- **Free Alarm Lock DL-WINDOWS software doesn't require a dedicated computer** or a special computer network or costly server software licenses, it simply runs as a secure Microsoft Windows-based application, on any computer system (as basic as a desktop or laptop PC), a wired or wireless router, and a gateway module or on an internal LAN with static IP add

- **Minimizing hardware & installation costs, a single gateway module can interface between the PC network and up to 63 Networx locks**, with a range of up to 900' clear field range or up to 200' depending on building construction. At its maximum, a Trilogy Networx system can comprise up to 32 gateways for the networking of up to 2000 locks or access controlled doors. Gen. 2 or 3 Gateways & Expanders for easiest networking

- **Enterprise Software Integration Options for real-time access provided with Continental, Lenel & AirAccess by Alarm Lock**

- **Wall- or ceiling-mountable, compact gateway modules are available in wireless/hardwired and wired-only versions** (with Power Over Ethernet (POE) option). The hybrid model connects using either 802.11, Ethernet cable or 100Base-TX (using RJ45 Jack); the wired versions use an RJ-45 Ethernet cable. Networx communications support both wired Ethernet 10BaseT and wireless 802.11

- For the fastest most reliable networked system, in discovery setup mode, the system will locate and DL-WINDOWS will display each lock's signal strength at each installed gateway, so you can select it and optimize reliable communications and eliminate guesswork

- Lock programming, user- and usage-data are stored locally at the battery-powered lock for uninterrupted door access usage in a power outage or server offline situation

Enterprise Networks, Real-Time Performance

- Networx locks can be used as wireless, single-door controllers in real time too

- Use with Continental Access® CA4K®, CA3000, or Lenel OnGuard® Integrated Access Control & Video Security and *Alarm Lock AirAccess® Cell/Cloud-Based Platforms*‡‡

Trilogy Networx Lock Specifications:

- Weatherproof locks for indoor/outdoor use with wide operating temperature range (-31 to 151° degrees F)

- Cylindrical models boast industrial strength BHMA Grade 1 durability and all models feature vandal-resistant all-metal keypad for PIN codes

- PDL versions, HID Prox. Reader

- ADA-compliant leversets

- Easy-to-install modified ANSI A115 Series door prep; easily and neatly retrofit standard cylindrical knobsets and mechanical standalone locks, in under an hour. Non-handed

- 3 hour UL fire-rated deadlatch

- Manual key override standard; most IC cores

Up to 2000 locks and a PC communicate wirelessly through bidirectional Gateways – eliminating the need for door-to-door programming and audit trail retrieval. System Management with free DL-WINDOWS or Enterprise Solutions:

CA4K CardAccess 3000
Lenel
AirAccess

also supported on interchangeable core models

- Available in 26D satin chrome & 10B duronodic finishes and IC core preps (6-7pin)

Network Interface

INTERFACE: Ethernet 10Base-T or 100Base-TX (using RJ45 Jack)

PROTOCOLS: TCP/IP, UDP/IP, DHCP 802.11 Wireless Specifications

WIRELESS STANDARDS: IEEE 802.11b; 802.11g

FREQUENCY RANGE: 2.412 - 2.484 GHz

OUTPUT POWER: 14 dBm + 1.5 dBm/-1.0 dBm

MAXIMUM RECEIVE LEVEL: -10dBm (with PER < 8%)

DATA RATES WITH AUTOMATIC FALLBACK: 54Mbps - 1Mbps

RANGE: Up to 328 feet indoors

MODULATION TECHNIQUES: OFDM, DSSS, CCK, DQPSK, DBPSK, 64 QAM, 16 QAM

INTERFACE: Wireless 802.11b, 802.11g and 10/100 Ethernet

PROTOCOLS: TCP/IP, UDP/IP, DHCP

SECURITY: IEEE 802.11 - PSK with AES Encryption

In seconds, global lockdown or unlock can be implemented from any Trilogy lock, even if the DL-WINDOWS computer is inaccessible or totally offline!

128-bit Encryption

- 128-bit AES Rijndael encryption

AL Radio Link

- 900 MHz GFSK, 50 channels, 10mW power output

VOLTAGE: 5 - 6 volts AC/DC

OPERATING TEMPERATURE: -20° to 60°C (-4° to 140°F)

STORAGE: -40° to 85°C (-40° to 185°F)

AVERAGE POWER CONSUMPTION:

- 1300 mW (WLAN mode; maximum data rate)
- 300 mW (WLAN mode; idle)
- 750 mW (Ethernet Mode)

PEAK SUPPLY CURRENT: 650 mA

INPUT VOLTAGE: 5 - 6 volts AC/DC

OPERATING TEMPERATURE: -31 to 151° degrees F

STORAGE TEMPERATURE: -40° to 85°C (-40° to 185°F)

‡‡**Important: For enterprise integration** consult technical documentation to match proper AL hardware (Gateways, Expanders,etc.) with enterprise software Versions supported

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Easier Networking with Gen. 3 Gateways - Now with Offline-Preconfiguration from any Smart Device (63 Locks/Gateway)

AL-IM3-80211 Gen. 3 Hardwire & Wireless Gateway

The Trilogy Networx 3rd Generation Gateways interface up to 63 Networx locks with a PC network. The new 80211 model now features networking via either a hardwire Ethernet connection &/or wirelessly via a bi-directional radio. Similar in function to the original Networx Gateway Modules, and able to be intermixed with them, but now featuring dual mode installation flexibility and new "Offline-Preconfiguration" from any smart device or PC/laptop, i.e., enabling setup prior to getting on the job-site. Gen 3 Gateways require DL-WINDOWS version 5.5 + , support up to 7 of the same AL-IME2 Expanders (which extend the range up to 100 feet) ; 3 LED indicators display Gateway's operational status..

(Note: Orignal Gateways still supported)

AL-IM3-POE Gen. 3 POE Gateway

With all the features and functionality of the above, but AL-IM3-POE (Power Over Ethernet) Hardwired Gateway interfaces Networx locks with a PC network with hardwire Power-Over-Ethernet. Gen 3 Gateways require DL-WINDOWS version 5.5 + , support up to 7 of the same AL-IME2 Expanders (which extend the range up to 100 feet) ; 3 LED indicators display Gateway's operational status..

AL-IME2-EXP Expander

Trilogy® Networx™ Expander extends the coverage area of BOTH Gen 2 & 3 Series Gateways to Trilogy Networx Locks within a PC network, allowing greater distances for the placement of up to a maximum rated capacity of 63 Networx locks per Version 2 or 3 Gateways.

AL-IME2-PIE Plug-in Expander

As above, this Plug-In Expander extends the coverage area of either Gen 2 or 3 Series Gateways

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AirAccess

TRANSFORMS TRILOGY NETWORX LOCKS &/OR NETPANELS W/ STANDARD PROX READERS INTO MORE PROFITABLE , FULL ACCESS CONTROL SYSTEMS, W/ REMOTE MANAGEMENT, RMR & REAL-TIME LOCK-DOWN SECURITY & REMOTE APP W/ BUILT-IN CREDENTIAL. EASY NETWORKING WITH CELL-BASED RADIO UNITS THAT COMMUNICATE TO DEDICATED AIRACCESS GATEWAYS OVER LEADING LTE CELLULAR NETWORKS, & CONNECTS WIRELESSLY & AUTOMATICALLY, JUST LIKE A PHONE.

>> EASY 5-STEP WIZARD CLOUD-BASED SOFTWARE AND CELL COMMMUNICATOR UNIT INCLUDED IN STARTER KIT (#A4-KIT1A)- JUST ADD CHOICE OF WIRELESS DOOR TECH. WIRELESS DOOR TO THE CLOUD: TRILOGY NETWORX LOCK OR NETPANELS. GREAT W/ GATE OPERATORS TOO. SCALALE EXPANSION: EACH SUPPORTS 500 USERS/378 DOORS (63 GATEWAYS PER KIT. *(Note: Locks w/ Door Postion Monitoring Recommended.)*

*NOTE: Part numbers are either prefix **DL** for digital PIN code locks or **PDL** for digital locks with added built-in Prox ID Card Reader*

P/DL6100: Cylindrical Lock

- Provide all standalone Trilogy lock functionality plus new network-wide and emergency lockdown features
- 5000 users with 3-6 digit PINs or HID® ID cards
- Flexible System Monitoring, Control & Programming
- Unsurpassed 5-year+ battery life, typical, using 4 C-cell off-the- shelf batteries (supplied)
- Grade 1 durability, rugged clutch mechanism and weatherproof for use inside or out
- **PDL6100** with built in HID prox reader (shown left) accepts most HID Proximity cards and keyfobs; **DL6100** has keypad only; Prox only model available

- Door Position Switch/Request to Exit, specify model **PDL6200/PDL8200**. Real time access, must be used in Enterprise Software Integration with Continental Access, Lenel or Software House
- For Prox iClass™ ID cardholder support with DPS/REX, specify model **PDL8200**

PDL6300 Double-sided Cylindrical Prox Lock

- Double-sided Trilogy lock functionality from 2 sides of the door; PIN/Prox access logged coming and going
- Built-in HID prox reader accepts most HID Proximity cards and keyfobs
- Rugged clutch mechanism and Grade 1 durability ensure long life
- Flexible System Monitoring, Control & Programming
- Long life battery operated; 4AA batteries, 60,000 cycles, typ.
- Weatherproof for use inside or out - *A jetway favorite*

Remote keyfob support for lock, unlock or global lockdown activation (RR-4BKEYFOB)

P/DL6500: Mortise Lock

- Keyless Access Lock for mortise door prep
- High security mortise locking
- Flexible System Monitoring, Control & Programming Weatherproof and long-life battery operated
- 1-3/8" mortise cylinder included
- Choice of classroom or deadbolt functions & finishes
- **PDL6500** with built in HID prox reader (shown left) accepts most HID Proximity cards and keyfobs; **DL6500** has keypad only; Prox only model available
- Door Position Switch/Request to Exit, specify model **PDL6600/PDL8600**. †Real time access, must be used in Enterprise Software Integration with Continental Access, Lenel or Software House
- For Prox iClass™ ID cardholder support with DPS/REX, specify model **PDL8600**

P/DL1300NW: Narrow Stile Lock Trim

- Add keyless access, automatic lock & free passage schedules to glass doors; plus add remote keyfob support and emergency global lockdown in seconds
- Aluminum door retrofit outside trim for most Adams Rite® Series Latch Locks (1850, 1950, 4710, 4070, 4730, 4900 Series & MS1850S and MS1950S Series)
- 5000 users with 3-6 digit PINs or HID® ID cards; Flexible System Monitoring, Control & Programming
- Weatherproof and long-life battery operated
- **PDL1300NW** with built in HID prox reader (shown right) accepts most HID Proximity cards and keyfobs; **DL1300NW** has keypad only

P/DL1300NWET: Narrow Stile Exit Trim

- For use with Jackson®, Dor-O-Matic®, Von Duprin®, Dorma®, Arrow®, DCI® & Corbin® panic devices. ‡*NOTE: Must use P/DL1350NWET or P/DL1325NWET with Dor-O-Matic, 2090, Jackson 1095 & Dorma 5300 as they require more than 85° rotation. Dor-O-Matic, Jackson and Dorma devices require thumb-turn or knob; must purchase separate tailpeice assembly*

NETDK/NETPDK: Networx® Wireless Keypads

- Global lockdown and passage from keypad or PC, schedules, 35K event log, door position status indicator, request-to-exit, door ajar/kick-in, remote release options
- Ideal for use with strikes, mags, electrified exit devices
- 5000 users with 3-6 digit PINs or HID® ID cards
- Versatile for indoors or outside, ideal for education, healthcare, government, airports, courts & retail
- Familiar Trilogy operation; flexible system monitoring, control & programming
- **NETPDK** with built in HID prox reader accepts most HID Proximity cards and keyfobs; **NETDK** has keypad only

ETDLN/ETPDN: Exit Trim

- Add Trilogy Networx keyless pushbutton convenience and labor-savings to any panic exit bar
- Rugged clutch mechanism insures long life and durability
- Flexible system monitoring, control & programming
- Models available for Von Duprin™, Sargent™, Yale™, Corbin/Russwin™, Dorma™, Marks M9900 or Arrow™ push bars
- Weatherproof and long-life battery operated
- **ETPDN** with built in HID prox reader (shown right) accepts most HID Proximity cards and keyfobs; **ETDLN** has keypad only; Prox only model available
- For Request-to-Exit, specify model **ETPDN-RX**
- For Prox iClass™ ID cardholder support with REX, specify model **ETPDNI-RX**

ArchiTech™

Networx Locks are also available with designer, minimalist look and concealed electronics in choice of hundreds of styles & finishes in the ArchiTech™ line, www.architechnetworx.com

Model & Feature	P/DL6100	P/DL6500	PDL6300	P/DL1300NW	ETDLN, ETPDN	NETDK, NETPDK
Lock Type	Cylindrical	Mortise	Cylindrical	Narrow stile (also PDL1300NWET series for use w/ exit device)	For use with exit device	Keypad
User Codes	5000	5000	5000	5000	5000	5000
Code Length	3-6 digits	3-6 digits	3-6 digits	3-6 digits	3-6 digits	3-6 digits
Programming	Keypad / PC	Keypad / PC	Keypad / PC	Keypad / PC	Keypad / PC	Keypad / 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
Trim w/Rugged Clutch	Straight or curved lever	Straight or curved lever	Straight or curved lever	Straight or curved lever	Straight or curved lever	
Audit Trail Events	35000	35000	40000	35000	40000	35000
Scheduled Events	500	500	500	500	500	500
Reader/Credential Support	PDL6100 for HID Prox; PDL8200 for iClass support	PDL6500 for HID Prox; PDL8600 for iClass support	HID Prox	PDL1300NW for HID Prox	ETPDLN for HID Prox; ETPDNI for iClass support	NETPDK for HID Prox
Lockdown (Privacy)	Global lockdown via lock, server or optional keyfob	Global lockdown via lock, server or optional keyfob	Global lockdown via lock, server or optional keyfob	Global lockdown via lock, server or optional keyfob	Global lockdown via lock, server or optional keyfob	Global lockdown via lock, server or optional keyfob
Door Position Switch †	PDL6200; PDL8200 with iClass support	PDL6600; PDL8600 with iClass support				
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	
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"	1-5/8 to 1-7/8" (others on request)	
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"		
Cylinder	Large key-in-knob, incld -or- IC Prep for Best/Falcon/Arrow (cylinder not incldd.)	Generic mortise cylinder supplied	Large key-in-knob, incld -or- IC Prep for Best, only	1-1/4" mortise cylinder, supplied; for Best, Falcon, Arrow prep cam and housing available (cylinder not incldd.)	Generic rim cylinder supplied. For other manufacturers' cylinders, adapters can be ordered separately	
Special Order Cylinders	Yale, Medeco, Sargent, Corbin/Russwin, Schlage					
Relay Options	Yes	Yes	No	No	Yes	Yes
Battery/Cycles Typical	4 C cells; 500,000 or up to 5 years	5AA; 60000	4AA; 60,000 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 C cells; 500,000 or up to 5 years
Ratings	BHMA Grade 1 Lockset; 3hr. Fire Rated UL	3 Hour fire rated UL	3 Hour fire rated UL	3 Hour fire rated UL	3 Hour fire rated UL	
Architectural Finishes	US26D, US10B	US26D, US10B	US26D, US10B	US26D, US10B	US26D, US10B	US26D, US10B

Note: Standard finishes are US26D Satin Chrome & 10B Duronodic. Consult factory for any other finishes. All products proudly backed by Alarm Lock 2-year factory warranty.

ORDERING INFORMATION:

PDL6100 Cylindrical Trilogy Networx PIN/Prox. wireless access control lock with built in HID proximity ID card reader

DL6100 As above, with full-metal digital keypad only

PDL6200 Cylindrical Trilogy Networx PIN/Prox. wireless access control lock with built in HID proximity ID card reader and Door Position Switch/ Request to Exit feature

PDL8200 As above, with iClass support

PDL6500 Mortise Trilogy Networx PIN/Prox. wireless access control lock with built in HID proximity ID card reader

DL6500 As above, with full-metal digital keypad only

PDL6600 Mortise Trilogy Networx PIN/Prox. wireless access control lock with built in HID proximity ID card reader and Door Position Switch/ Request to Exit feature

PDL8600 As above, with iClass support

PDL6300 Cylindrical Trilogy Networx double-sided PIN/Prox. wireless access control lock with built in HID proximity ID card reader

PDL1300NW Networx narrow stile wireless access prox lock trim with built in HID proximity ID card reader

DL1300NW As above, with full-metal digital keypad only

PDL1300NWET Networx narrow stile exit trim with built in HID proximity ID card reader‡

DL1300NWET As above, with full-metal digital keypad only‡

ETPDN Trilogy Networx wireless access lock trim with built-in HID proximity ID card reader

ETDLN As above, with full-metal digital keypad only

ETPDN-RX Trilogy Networx wireless access lock trim with built-in HID proximity ID card reader with Request to Exit feature

ETPDNI-RX As above, with iClass support

NETDK DK Wireless Keypad, only

NETPDK DK Wireless Keypad with built-in HID proximity ID card reader

AL-IM3-80211 Gen 3 Hardwire & Wireless WIFI w/ AC power supply. (Supports Gen 2 Expanders.)

AL-IM3-POE Gen. 3 Gateway , Power Over Ethernet, plus hardwire gateway interface capability. No AC power required.(Supports Gen 2 Expanders.)

AL-IME2-EXP Gen. 2 Wireless Expander (supports Gen 2 & Gen 3 Gateways)

AL-IME2-PIE Gen. 2 Plug-in Wireless Expander, AC power required. (supporrts Gen 2 & Gen 3 Gateways)

DL-WINDOWS Free Alarm Lock Trilogy Windows-based software application, supports Trilogy Networx and Trilogy standalone locks, with single database. Downloadable online at www.alarmlock.com

RR-4BKEYFOB Optional 4-button remote keyfob

AL-NSG Optional Gateway Simulator Aid

AL-NSM Optional Site Survey Tool for Networx Gateways

AA-KIT1A AIRACCESS Starter Kit (just add choice of door tech for real-time Trilogy Networx Mgt fpr full info see ALA537 Spec Sheet, or go to www.airaccess.com or ask any Alarm lock Rep.