



# AlarmLock ArchiTech™ Designer Access Control

Alarm Lock ArchiTech locks have customizable architectural style on the outside and proven wireless Trilogy Networkx keyless access control components on the inside

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Scalable from standalone to wirelessly networked to real-time enterprise integration

ArchiTech™ Networkx advanced wireless locks from Alarm Lock are available in ANSI/BHMA Grade 1 Certified mortise and cylindrical versions and 300+ architectural trims/finishes. Utilizing Alarm Lock's advanced proven, keyless access-control locking platform, they are scalable from standalone to wirelessly networked to real-time enterprise integration.

Satisfy your customers' designer and architectural tastes with hundreds of choices of architectural trims and finishes and choice of prox ID readers, future-proof and ready to adapt to multi-credential technologies including HID Prox, Magstripe, Smart Cards and PIV.

And although these locks look great on the door, you don't have to go door-to-door for ID updates, programming/ schedule changes or audit queries. All can be securely made over the wireless network, on-demand or schedule.

In this day and age of electronic security and access control, the products that security professions choose to offer and install are determined by several interrelated and interactive factors. ArchiTech meets these requirements.

**Scalability:** Describes the ability of a device to accommodate a growing number of users or system to handle a growing number of openings. An example would be how many cardholders a particular device can accommodate, the number of transactions the device can archive, and how many doors the security management system can support.



**Site conditions:** Refers to the location and conditions associated with each opening, as well as available infrastructure and resources on a site, and the location of the site relative to the rest of the enterprise or security management center for the entity. Site conditions also involve the security level requirements of the facility. Some sites may require a more robust design to withstand vandalism or rough handling. If the opening is subject to wet or harsh environmental conditions, that is also a factor to consider.

**Communications:** What data and control functions are part of the door device's functionality? Adding or removing credentials, reporting door alarms or invalid entry attempts or imposing emergency lockdowns would be examples of data and control functions. How these data and control functions are transmitted and received is another element. On some systems, system maintenance and control functions must be performed manually at the opening, while on more advanced and powerful systems, maintenance, control and reporting functions can be performed remotely and in real-time.

**Aesthetics:** Aesthetics of the equipment often involves more than appearance alone. Where security is concerned, the appearance and physical design of the equipment may act as a deterrent to criminal behavior and instill respect and recognition of the measures in place.

Where life safety is concerned, the appearance and physical design of the equipment may make it more apparent to end-users to recognize and use. Design factors also play a part in complying



**Durable ANSI/BHMA Grade 1 hardware in over 300 locks, levers, roses and finishes**

with accessibility standards set forth by Codes such as the ADA or IBC.

In some institutional and health-care scenarios, anti-ligature hardware helps prevent individuals from causing themselves injury or death. Anti-ligature hardware's design is intended to minimize the possibilities.

At the high-end of the market are the scenarios where consistency with other architectural features matters, and may be an important basis for specification and selection of products.

For enterprise level installations, open architecture is mandatory to assure seamless integration with other manufacturers' electronic access control software.

"Before ArchiTech, access locks fell into one of two camps, either they were very smart and functional but utilitarian looking or they were aesthetically pleasing, designed to blend into an architect's vision for a building," explains Alarm-Lock's Bob Swoope. "Networx ArchiTech™ Access Lock Series blends architecturally-pleasing designer aesthetics with Alarm Lock's advanced proven, keyless access-control locking platform, scalable from standalone to wirelessly networked, to real-time enterprise integration."

Networx ArchiTech™ Access Lock Series is ideal for discriminating applications from high-rise residences or offices to universities. Unlimited combinations of 300-plus architectural trims and finishes are all ANSI/BHMA Grade 1.

Networx ArchiTech™ locks also features surface mounting or recessed (within the door) for still more options. It is low maintenance with long battery-life, providing years of use in even high-traffic areas, using off-the-shelf AA batteries.

ArchiTech's attractive Prox ID reader module adapts to different credential

technologies, including Prox, Magstripe, Smart Cards, etc. and will be compatible with future technologies. It also works across the continuum of access control requirements, from standalone, to real-time enterprise integrated, making it far more flexible and easy to standardize on and manage.

### ArchiTech Wireless Platform

**All Applications and Doors** - Cylindrical and Mortise models for wood and metal doors, for new and existing applications, with wireless surface mount or mortised-in electronics and batteries.

**Customize To Match Any Aesthetic Look, For Every Décor** - Durable ANSI/BHMA Grade 1 hardware in more than 300 locks, levers, roses and finishes

**Future-Proof Multi-Technology Access ID Credentials Replace Cumbersome Keys** - HID® Prox, Mag Stripe, Smart Cards, PIV, key-fobs and remote buttons

**Emergency Lock-Down / Unlock** option via lock, button, keyfob or server (where networked).

**Flexible System Programming** Locally using a USB-Style Software Key or remotely across a wireless network (using free Alarm Lock DL-WINDOWS Windows-based software) or integrated on an enterprise class IT environment, in real-time, using either ContinentalAccess® CA3000 v2.9+ or Lenel® OnGuard® v6.6 and 6.5+

**Networking Choices** - Choose 802.11 or Ethernet network with wireless encrypted bi-directional gateways, in which many locks communicate to a single gateway, or use a wireless RF USB key equivalent. For entry door applications and the like, used in conjunction with strikes and mags,



**ArchiTech combines all Trilogy & Networx features in a designer package**

use with Networx NetPanels. Or, use as a single-door control, as part of the IT-Network environment, with CA3000 or OnGuard®, as above.

### ArchiTech Standalone Keyless Platform

#### Features:

- 5000 Users, 500 Scheduled Events, 40,000-event audit trail
- Surface-mount or mortised-in electronics and battery pack
- Mortise and cylindrical locks
- Real Time Clock
- Uses 4 AA Batteries - 3 to 4 year battery life
- Operated via access card, fob, key fob etc
- DL-Windows Software for programming
- USB Radio Key Programming Method or Via Networx Gateways
- Manual card enrollment option for quick installation
- Wireless programming range: up to 20 feet from lock

#### Specifications:

- ANSI / BHMA Grade 1 Certified, UL Listed 3 Hours
- Includes standard lever rose hardware design
- Compatible with all 300+ optional architectural trim / lever or knob designs
- Stainless steel latch, 2-3/4" backset
- Auto-Reverse lock body tested to 6 million cycles
- Lock Body - Self cleaning long life motor
- Door closure monitor / electronic deadbolt monitor
- Key override standard or high security
- Optional integrated door position indicator switch

### ArchiTech Networx

- Supports up to 5000 key-free users
- Multiple access credential technologies, prox, mag stripe, smart cards, fobs, or stationary button (adapts to future technologies)
- Global Lock-Down/Unlock in

- emergency activated from lock, fobs, panic button or server
- 500 Scheduled Events, lock, unlock, queries, etc.
- 40,000-event audit trail, with time- and date-stamp of access by user
- Recessed and surface-mount models
- Mortise and cylindrical versions
- Real-time clock
- Uses 4 standard AA Batteries – 3 to 4 year battery life, credential dependent
- Compatible with infinite selection


of architectural trims, 300+ lever designs

- Built-in wireless capability

### **Specifications:**

- Administrative DL-Windows Software for programming (For Real-time Access Options, also see Enterprise Platform options with Lenel OnGuard or Continental Access CA3000)
- PC Radio USB Key Programming Method or Via Networx Gateways (in Ethernet, 802.11 or POE models)

- Manual Card Enrollment Option
- Grade 1 locking hardware
- Electro-mechanical button for ANSI F20 Apartment Entry Function
- Integrated Door position switch
- Seamlessly Integrates with Networx NetPanel Wireless Access Panel for use with electric strikes, mag locks and/or remote keypads

For more information, contact your local locksmith distributor or visit [www.alarmlock.com/architech-series-networx-locks.html](http://www.alarmlock.com/architech-series-networx-locks.html). 

## Architech Q&A: Bob Swoope

**W**e enlisted the services of Alarm Lock Systems' Vice President of Sales Bob Swoope to explain some of the fine points of Architech's feature set. Following are the Ledger's questions and Swoope's answers.

### **What was the inspiration for the new ArchiTech Networx?**

There is a need for architecturally-pleasing designer aesthetics within our wireless line. Since Napco owns both Marks USA and Alarm Lock, it was a simple fusion between the two companies to produce a product with all the Trilogy & Networx features wrapped in a designer package, allowing architects to match existing hardware within a building.

#### **What markets is it directed to?**

- Schools & Dormitories
- Hospitals
- Multi-Dwelling Co-ops & Condos
- Senior Residences
- Corporate, Law Offices & Courthouses

### **What are the different configurations, relating to the mortising of the electronics and card reader options?**

ArchiTech Networx series features both a surface mounted electronics/battery box on the inside of the door and a fully mortised version so the electronic/battery is concealed inside the door, allowing for a very sleek installation. It is currently compatible with HID's 125K cards and soon will be compatible with the iClass or Smart Cards 13.56M.

#### **Can ArchiTech hardware be used on fire rated doors?**

#### **What about hollow metal doors?**

Yes and yes

### **Is the ArchiTech scalable; for example deployed as a single standalone, then doors added incrementally?**

Yes

### **For a single door, what would the locksmith require to deploy an ArchiTech?**

The locksmith would require a lock, Free DL Windows Software, and a USB Radio Dongle wireless programmer.

### **For networked applications, can you please briefly explain the 802.11 and Ethernet interfaces?**

You would choose one of the three (3) Gateway choices - Ethernet, 802.11 & Power over Ethernet Plenum Rated (POEP) - and connect to the end user's existing IT network. We have two version of software, single PC V4.1.96 or server/work station based V5.1 to uses depending on how you want to manage your system.

#### **Which interface does Networx use?**

Windows OS W7, W8

#### **Which interface does CA3000 use?**

Windows Server 2003, 2008, 2012, Windows 8.1, Windows 7, Windows XP

#### **What is the Lenel Open Access Alliance?**

It is a group of electronic access control manufacturers who have set out to set up a common interface standard between their products to encourage system integration. Check out this link: <http://www.lenel.com/news/2014/04/lenel-openaccess-alliance-program-attracts-new-solutions-onguard-security-platform>

### **How does the ArchiTech control an electric strike or maglock?**

We have a single-door, two-reader panel that requires power and local wiring from the panel to the readers and strikes/Mags. The panel contains the electronics, 1.5amp power supply and the radio that is communicated to by the gateway.

#### **How is the USB Style Software Key used?**

We call it a USB Radio Dongle. It is a miniaturized radio that plugs into the USB port of a PC and allows programming of locks within a 100-foot radius. Very simple idea that does not require connection to a customer's existing IT network.

### **What are the variations on lockdown deployment with ArchiTech?**

10 second lockdown from the PC running the software.