Don't Go Back In Time:

Go Back to the Future With Increased & Affordable Security During Classroom Lockdowns

HELUG 2024 – Stanford University

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July 16, 2024

Agenda

- Who is Allegion?
- Our Wireless Locking Porfolio with On Guard
- The Importance on Real-Time
  - Classroom Lockdown
  - Student Housing
- What About Mobile?
- Questions / Discussion

About Allegion

❑ **We help secure your openings**

    ❑ *Mechanical*
        ❑ Doors, frames, locks, exit devices, closers, key systems, protective hardware

    ❑ *Electronic*
        ❑ Card readers, integrated locksets, electrified hardware – strikes/maglocks/panics, and credentials – plastic & mobile

❑ Incorporated in 2013; previously known as Ingersoll Rand

❑ Global, in >140 countries, US HQ in Indianapolis, >$3.3B in revenue

❑ Premium brands: Schlage / Von Duprin / LCN / Stanley / Locknetics

❑ Long-standard business partner with Lenel & On Guard

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Integrated Locks

- ❑ **AD Line**
  - ❑ Modular design – communication methods & read heads
    - ❑ Communication
      - ❑ -200 standalone
      - ❑ -300 wired, 900 MHz frequency, 200' range in building
      - ❑ -400 wireless, through a Panel Interface Module
    - ❑ Read heads

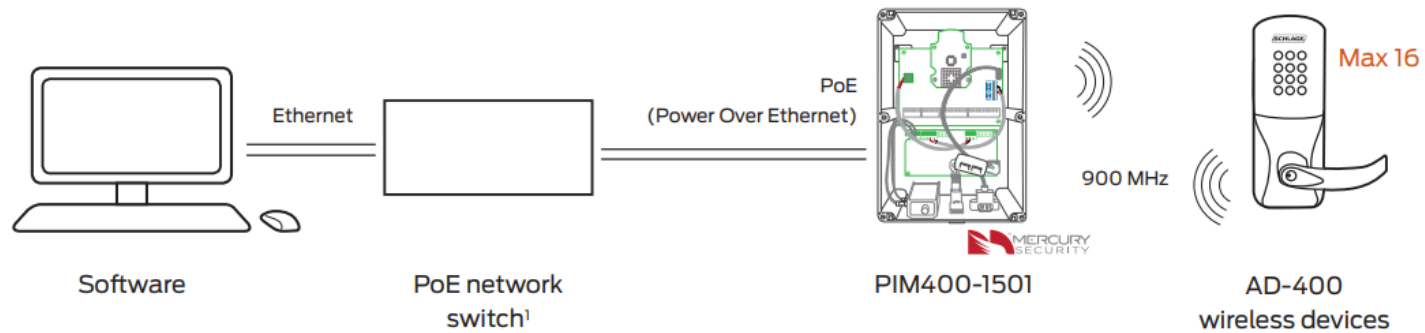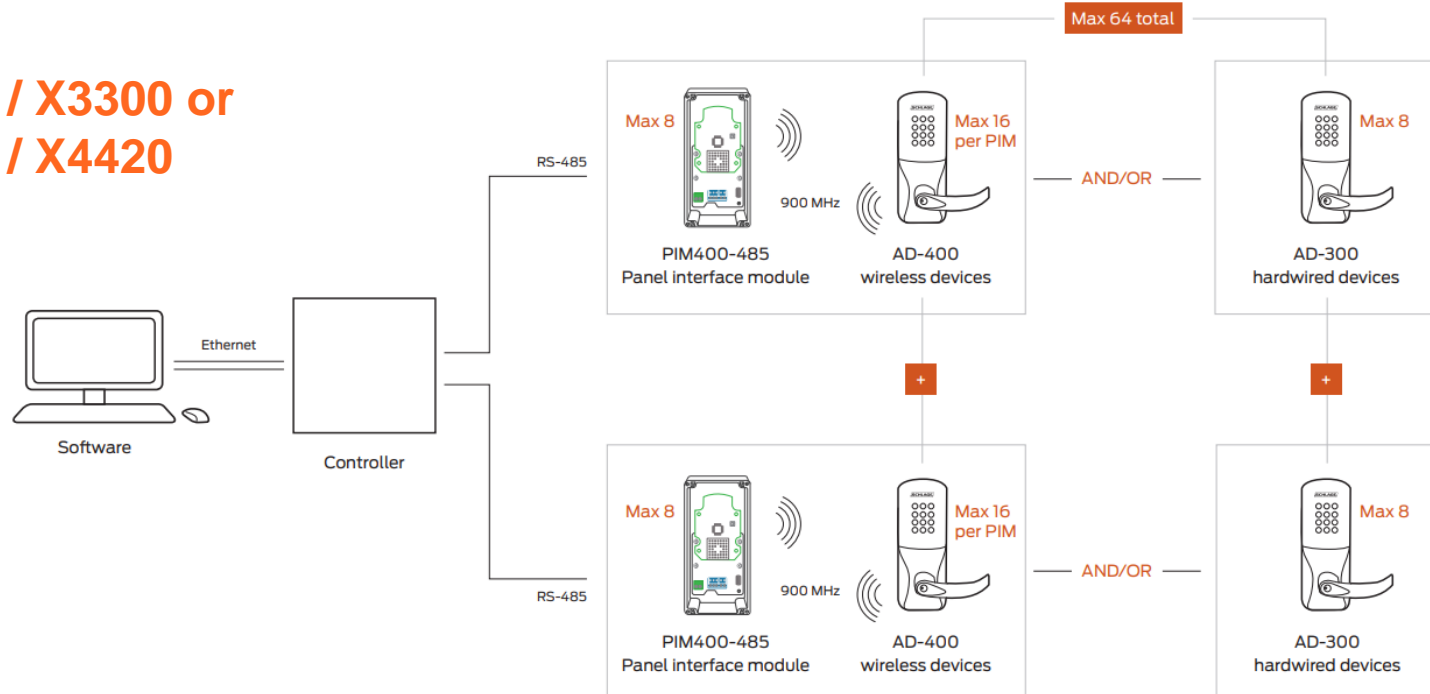| Multi-Technology	Si with HID Support	Magnetic Stripe (swipe)	Keypad
• Proximity • Smart • NFC mobile ➕ KEYPAD option	• Smart • NFC mobile ➕ KEYPAD option	➕ KEYPAD option	

- ❑ 2-way real-time communication between lock and panel, **200'**
- ❑ Leverages panel infrastructure
- ❑ Initial programming/configuration via SUS App / Android
- ❑ WRI – leverage same wireless tech for line-power available but communications challenging – Parking Gates, Elevators
- ❑ 20-40% cost savings vs. traditional line-powered opening
- ❑ Hundreds of 000's deployed

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AD's managed by On Guard

2210 / X2210:

3300 / X3300 or 4420 / X4420

Integrated Locks

LEB Mortise Full Escutcheon

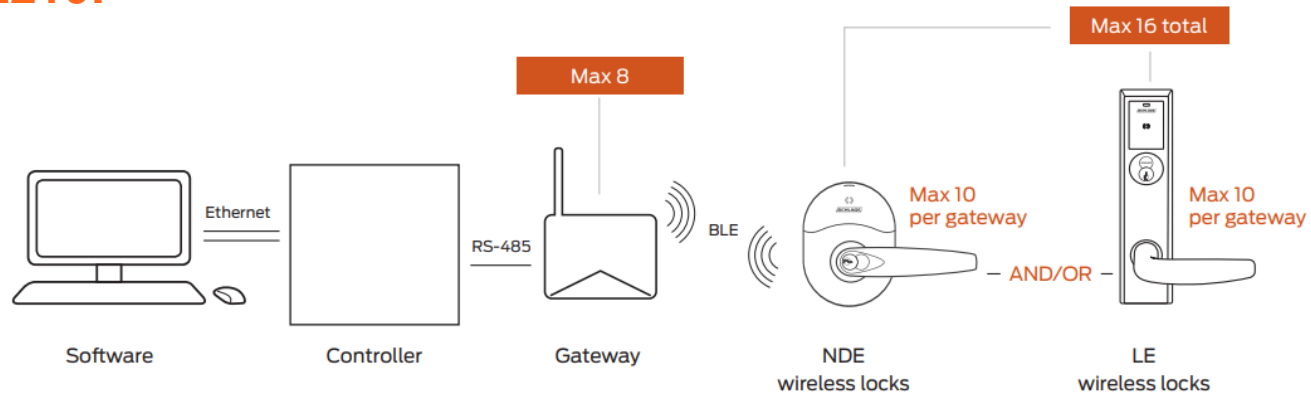*LEB Mortise Sectional Trim*
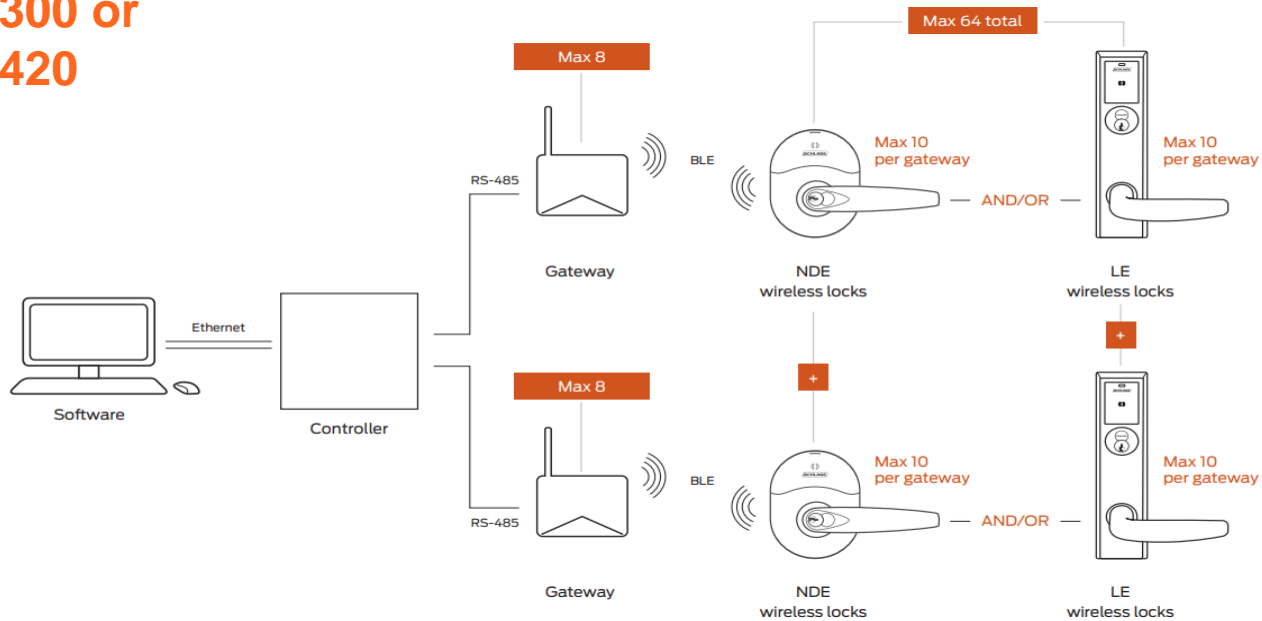
NDEB Cylindrical

❑ Engage Line

- ❑ NDEB = cylindrical
- ❑ LEB = mortise
- ❑ Built for aesthetics
    - ❑ Smaller footprint on the door
    - ❑ Section trim for LEB mortise version
- ❑ Contactless only reader – 125 kHz prox / DESFire / Wallet
    - ❑ Or Si option for HID iClass / SE / SEOS / Wallet
- ❑ BLE communication
    - ❑ **25-30'** range from transceiver (Gateway)
    - ❑ Real-time communication with host system via access panel
- ❑ Cost savings of 30-50% vs. traditional line-powered opening
- ❑ Economy/Value line

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NDEBs & LEBs managed by On Guard

2210 / X2210:

3300 / X3300 or 4420 / X4420

The Importance of Real-Time / ADs

❑ Classroom Lockdown
    ❑ Security threat / hostile intruder

❑ Student Rooms
    ❑ Wellness checks

❑ AD400s
    ❑ Heartbeat: Periodic check-in
        ❑ Monitoring communication
            ❑ Panel / PIM / Lock
        ❑ Users – database in panel
        ❑ Forced event to change door state
            ❑ Remote lockdown
            ❑ Remote unlock
            ❑ Via Wake-On-Radio (WOR) Feature
    ❑ Consider local lockdown solutions to complement global/remote lockdown – Office or Privacy Function
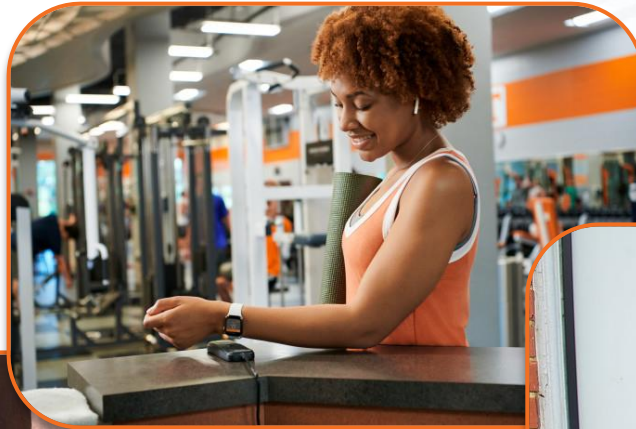
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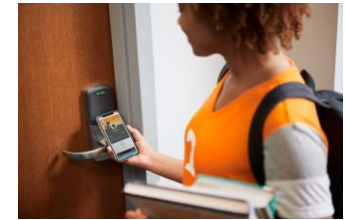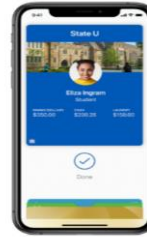# The Importance of Real-Time / NDEBs & LEBs

- ❑ Classroom Lockdown
    - ❑ Security threat / hostile intruder

- ❑ Student Rooms
    - ❑ Wellness checks

- ❑ NDEB/LEB
    - ❑ Persistent Communication (BLE) – Gateway to Lock
        - ❑ Monitoring communication status
            - ❑ Panel / GWE / Lock
        - ❑ Users – database in panel
        - ❑ Forced event to change door state
            - ❑ Remote lockdown
            - ❑ Remote unlock
    - ❑ Consider local lockdown solutions to complement global/remote lockdown – Office or Privacy Function

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What About Mobile?

Why Mobile Wallet

❑ Students

- No need to carry a traditional ID
- Enhanced experience, quick response times
- Loads into the Wallet like a debit/credit card, boarding pass, concert/event ticket
- Can be self-deployed - no need to visit the card office
- **Student account balances visible**
- **Meal plan allowances available**
- Low / zero power options on newer iPhones
- Full use case support – works with door access and to secure student transactions

❑ Campus

- Improved efficiencies in your card office
  - Better use of your staff
  - Less printers and peripherals required

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Some of Our "Student ID" Wallet Campus Customers

Deployments with Lenel On Guard Campuses

2021

2024

2025

Allegion Products That Can Read Allegion or Transact NFC Wallet Credentials

AD300/400 Locks
With MT/MTK heads
*August, 2016

LE or LEB Locks

NDE or NDEB Locks

MT or MTB Series Readers

**BE / FE Series Multi-Family
Dead-Bolts and Interconnected Locks**

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Allegion Wallet Eco-System Partners

Allegion Products That Can Read HID NFC Wallet Credentials

AD300/400 Locks HID
Or With Si/SiK heads
* As of December, 2023

LEBSi Locks for HID

NDEBSi Locks for HID

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Take-Aways

❑ Consider AD & NDEB/LEB products for wireless, affordable classroom lockdown or student housing applications where real-time connectivity is needed.

❑ Both have a long-standing track record of success on Lenel On Guard campuses.

❑ Insure your interior door access plans address future planning needs for the potential to go mobile.

❑ Leverage your manufacturer experts and fellow HELUG campuses that have been there and done that!

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Question & Discussion

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Thank you for your time!

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