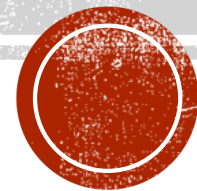# ALLEGION UPDATE FOR HELUG

Jeff Koziol

July 11th, 2023

AGENDA

- Wi-Fi Integration with On Guard
- Credential Interoperability
- Mobile Wallet Credentials
- Questions & Discussion

WHO ARE WE?

- Provider of:
  - ID cards
  - Mobile credentials
  - Card readers
  - Electronic door locks
  - Mechanical hardware
- HQ: Carmel (Indy), IN
- Annual revenue: ~$3.3B
- Global: 140+ countries
- Incorporated: 2013, formerly part of Ingersoll Rand
- Brands: Schlage, Stanley Access Technologies, Von Duprin, LCN, Locknetics

WI-FI OFFLINE WITH LENEL ON GUARD

Mortise Addison (LEB-ADD)

Mortise Greenwich (LEB-GRW)

Cylindrical (NDEB)

- LEB Mortise & NDEB Cylindrical Locks
  - Option for Greenwich segmented escutcheon for enhanced aesthetics

- Works with Lenel On Guard v. 8.X and higher

- Direct Wi-Fi integration; no intermediate hardware required

- ANSI/BHMA Grade 1 certified

- *Complements real-time NDEB/LEB RS485 + LNL panel option*

- Works with Prox / NXP Mifare Classic, Plus & DESFire 1/2/3, NFC and . . .

CREDENTIAL INTEROPERABILITY

NEW

LEBSI   NDEBSI   AD400-SI or SIK

- Our locks and readers can read
  - Allegion/Schlage NFC Wallet Creds (Apple/Google) from CBORD, Atrium, Touchnet
  - Can also read **Transact** NFC Wallet Creds for Apple/Google

- Options for NDEB / LEB / AD300 / AD400 locks to read:
  - **HID** iClass
  - **HID** SEOS
  - **HID** NFC Applet Wallet
  - *Standard* or *Elite Keys*

- AD300s or AD400s - "Si" & "SiK" option – Fall of '23 for **HID** NFC Wallet Creds

CONSIDERING RE-CARDING?

- DESFire (NXP) one of the **most open** and **secure** card architectures
- Consider a site-specific Encryption Key for your institution
- Encryption Key should be created to an industry standard (PACSA)
- Creates independence from a single manufacturer for:
  - Cards
  - Readers
  - Wired/Wireless Locks
- Provides high level of interoperability between reader manufacturers

CONSIDERING MOBILE?

WHY MOBILE WALLET?
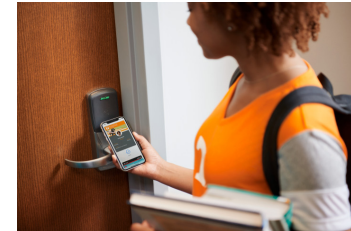
- ❑ Students
    - ▪ No need to carry a traditional ID
    - ▪ Enhanced experience, quick response times
    - ▪ No intent required; works black screen without the need for App*
    - ▪ Loads into the Wallet like a debit/credit card, airline boarding pass, concert/event ticket
    - ▪ Can be self-deployed - no need to visit the card office
    - ▪ Student account balances visible
    - ▪ Low / zero power options on newer iPhones
    - ▪ Full use case support – works with door access and to secure student transactions
- ❑ Campus
    - ▪ Positions you as a technology leader
    - ▪ Positions you as a campus who best services your students
    - ▪ Improved efficiencies in your card office
        - ▪ Better use of your staff
   - ▪ Less printers and peripherals required

CASE STUDY – BY THE NUMBERS

- *32,017 mobile credentials* provisioned
- *>90% student adoption,* excluding remote students
  - Android – 1,884 or 6%
  - Apple – 30,133 or 94%
    - iPhone – 29,991
    - Apple Watch – 3,920

- Facilities statistics from last 100 days
  - *2.4 million taps* at contactless readers
    - 1.4 million iPhone or 61.2%
    - 148,000 Apple Watch or 6.1%
    - 52,500 Android or 2.2%
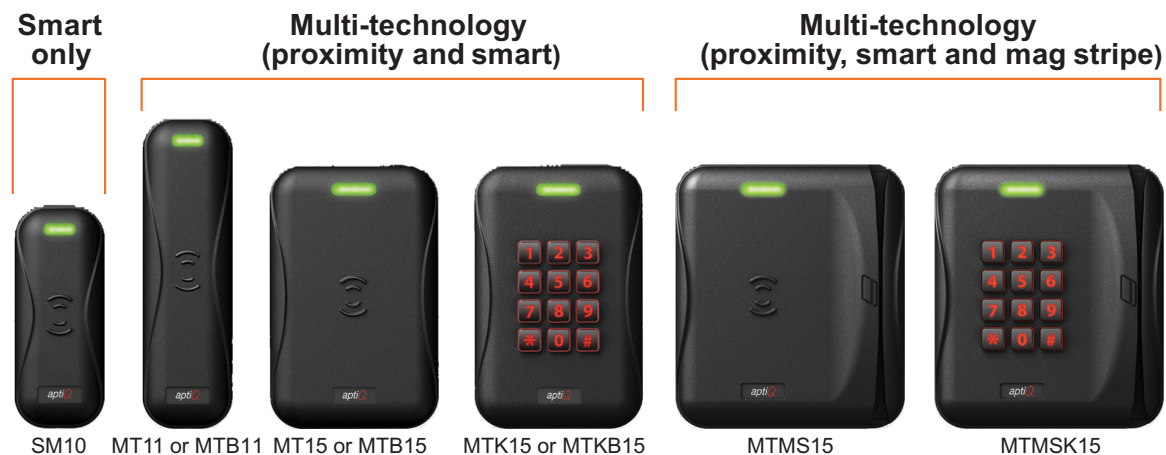   - 805,000 Contactless Card or 30.5%

- As of 4/17/23

ALLEGION™

MOBILE STUDENT ID FLOW DIAGRAM
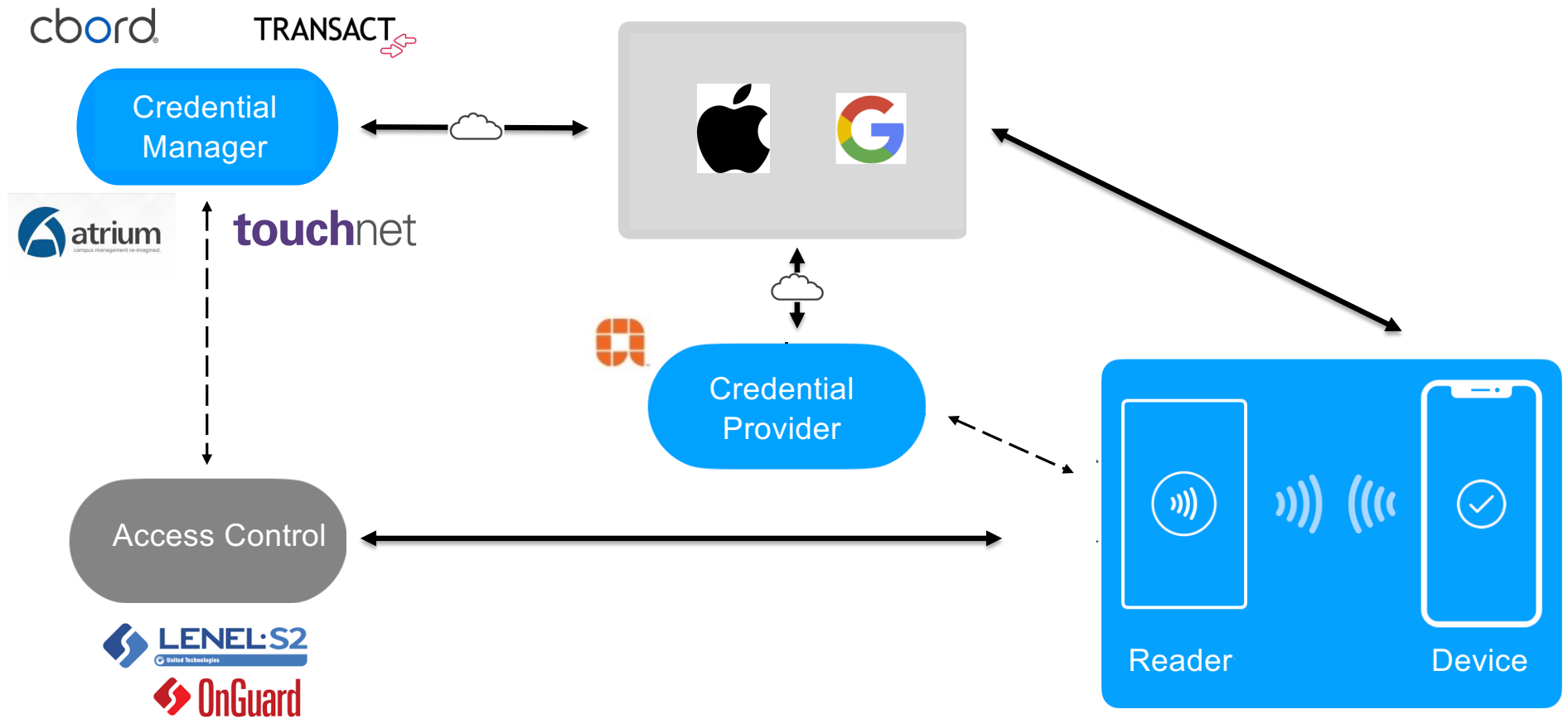
HARDWARE OPTIONS – ACCESS

- "MT" and "MTB" Multi-Technology, Wired Readers
  - 6 basic SKU's
  - Read 125 kHz prox & 13.56 MHz – Mifare Classic/Plus/DESFire cards
  - Can read Mobile Student ID (NFC) credentials for iOS & Android devices
  - Supports OSDP and Wiegand output protocols

Smart only	Multi-technology (proximity and smart)			Multi-technology (proximity, smart and mag stripe)	
SM10	MT11 or MTB11	MT15 or MTB15	MTK15 or MTKB15	MTMS15	MTMSK15

HARDWARE OPTIONS – CASHLESS

- For non-access control applications
- Readers from 3rd party partnerships

  - Dining
  - Bookstore
  - Copy/Print
  - Vending
  - Laundry
  - Other

MT20

OEM200

rf IDEAS

ELATEC
RFID Systems

CASTLES
TECHNOLOGY

QUESTIONS / DISCUSSION

Thank You

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