

# CTST 2008 125 kHz Access

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# In the beginning.....

## ► Swipe Technologies

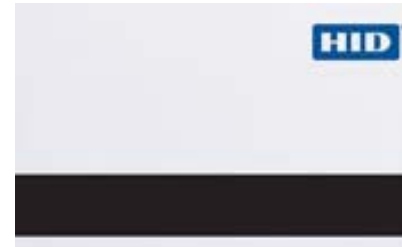
### ■ Magstripe

- Inexpensive
- Easy to clone

### ■ Wiegand

- Thicker card
- Hard to clone

## ► Still out there.....



# The Prox Revolution

## ▶ 125 kHz

- Convenience
  - Tap and Go
  - Multiple form factors
- Low Maintenance
  - No wear on the cards
  - Environmentally protected, vandal resistant readers
- Enough security



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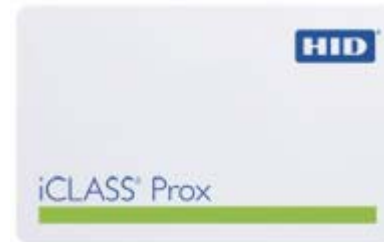
# Dual-Technology Cards (pt.1)

- ▶ 125 kHz and Magstripe or Wiegand
  - Ease the migration from legacy technology to something newer and more secure



# Dual-Technology Cards (pt.2)

- ▶ 125 kHz and 13.56Mhz
  - Leverage your existing door reader technology while upgrading to multi-application
    - Time and Attendance
    - Biometrics
    - Cashless vending
    - Mobile Verification
  - Increase your security to mutual authentication with diversified keys and encrypted data
    - Anti-cloning
    - Anti-replay

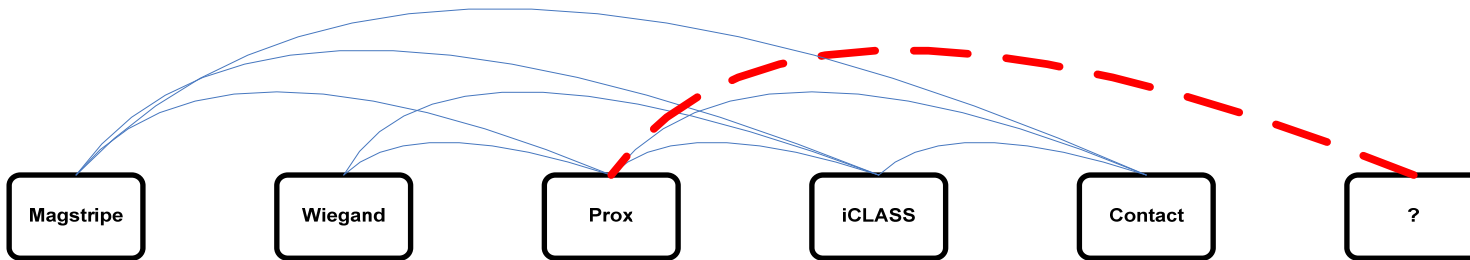
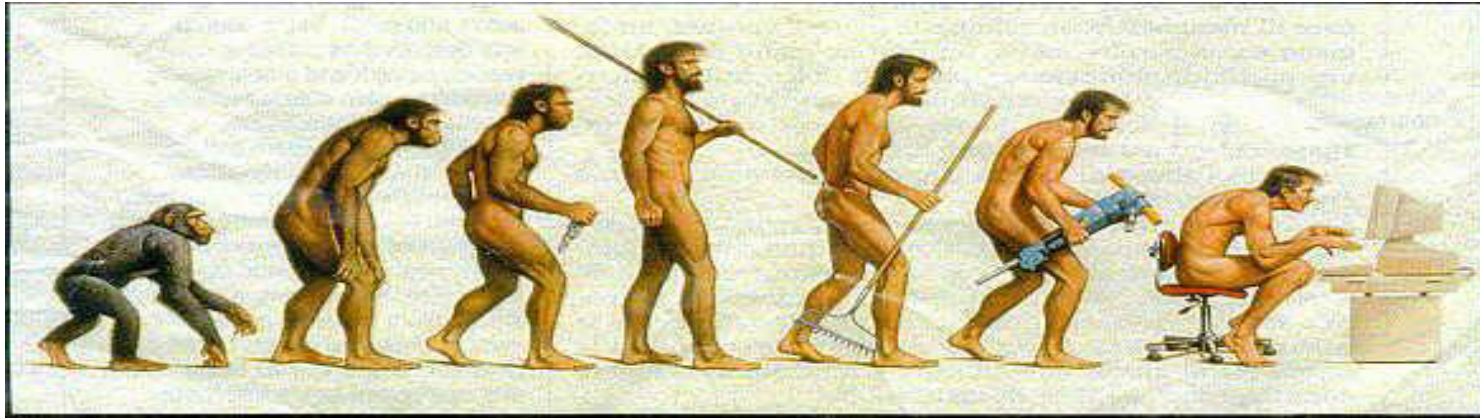


# Tri-Technology Cards

- ▶ 125 kHz, 13.56 MHz, and Contact Chip
  - Convergence – use the same card that gets you in the door to get you into your PC/Network
  - Start the conversation between the Physical Security and IT departments



# Everything Evolves



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# Questions?

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