

“Integrated Access Control”

Presented by **PERSONA**



6TH ANNUAL CANADIAN CAMPUS CARD WORKSHOP
OTTAWA, ONTARIO OCTOBER 12 - 14, 2011

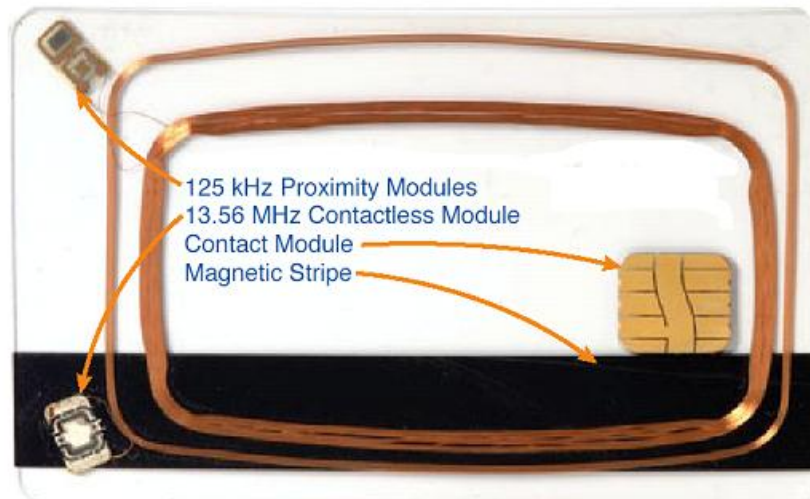


Agenda

- One Card ID Integration
- Different Types of Access Control
- Open Architecture
- Interfacing vs. Integration
- Questions/Answers



One Card-ID Integration



1

Library
Printing / Copy

2

On-line Access Control

Banking
Retail
Food Service
Vending
Laundry
Off Campus Merchants
Parking

3

Off-line Access Control

Mag, Prox, Contactless-Migration Cards



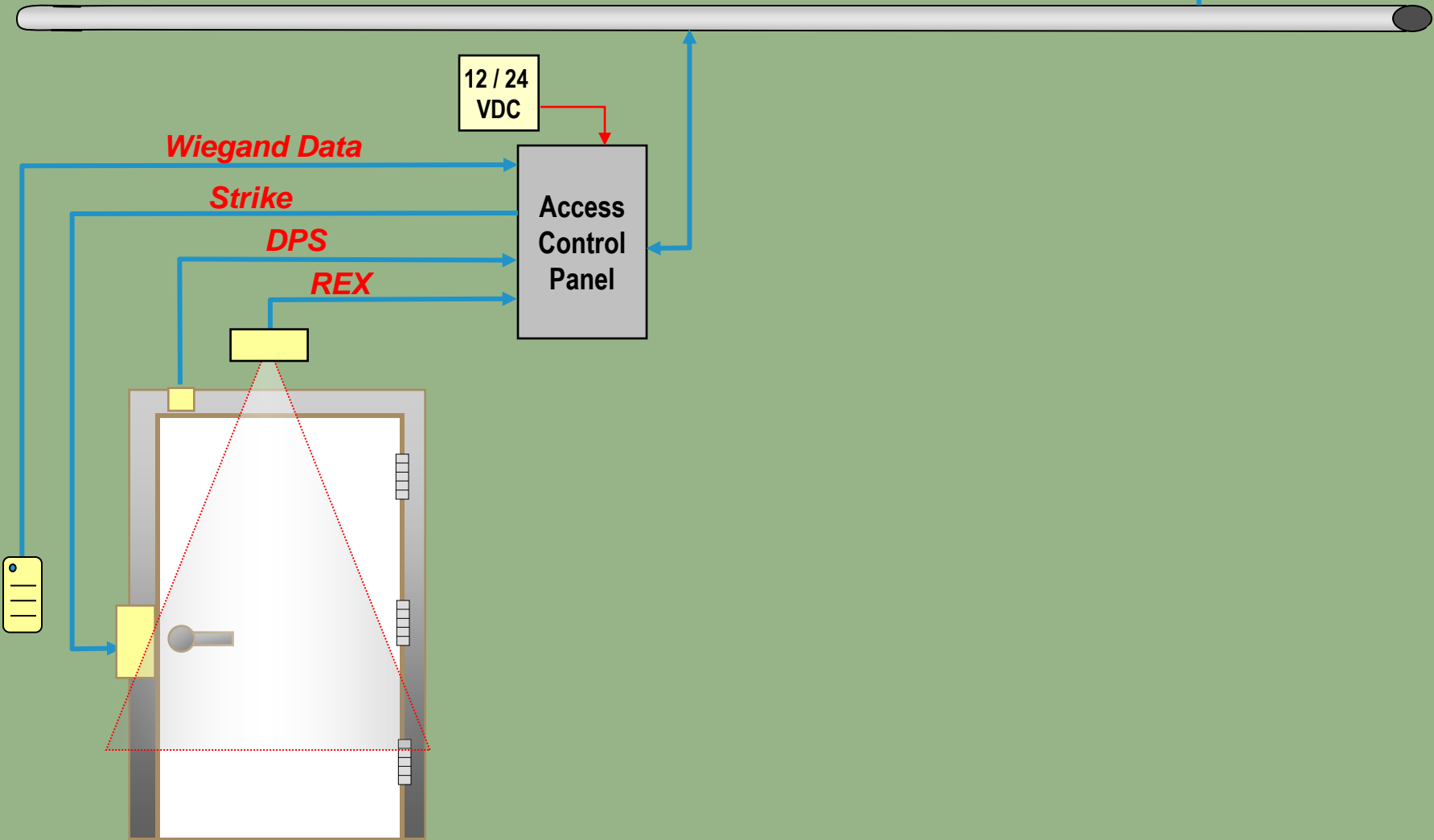
Brands of Contactless Cards

- 13.56 MHz Read/Write
 - Enhances security through encryption and mutual authentication.
- iClass
- Mifare
- DESfire
- FeliCa
- NFC

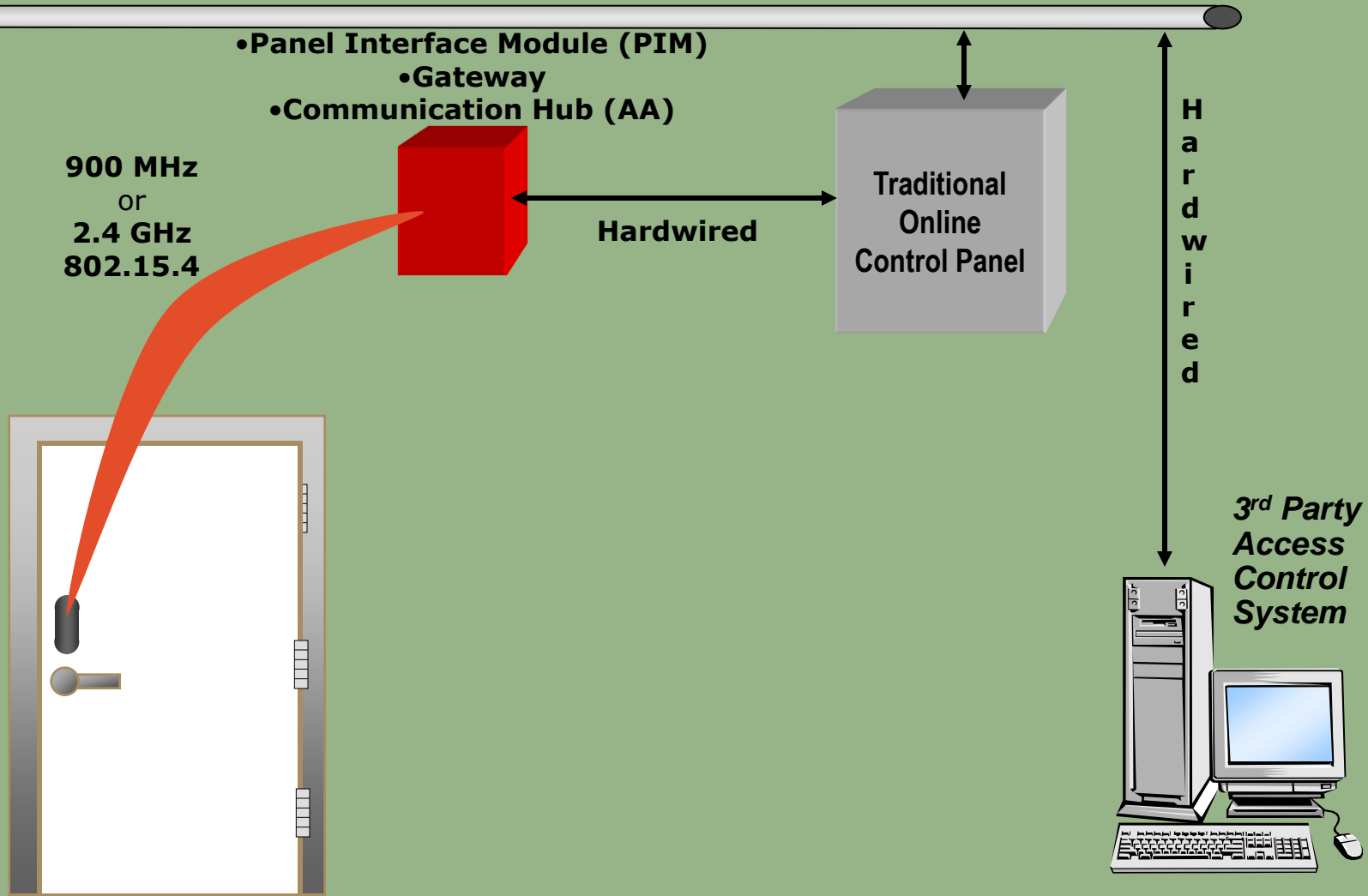
- Question: Who is pushing this technology?



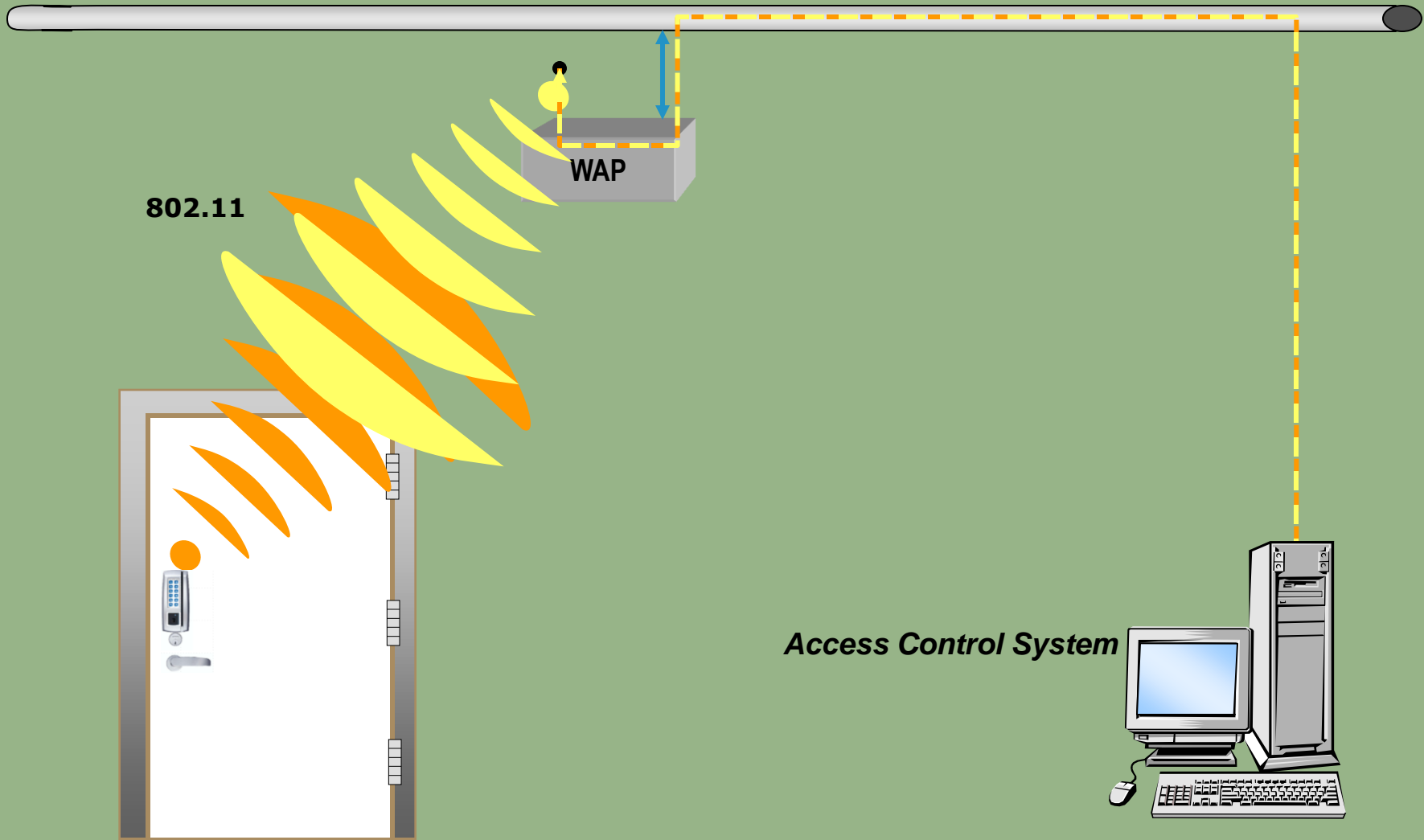
Traditional Access Control



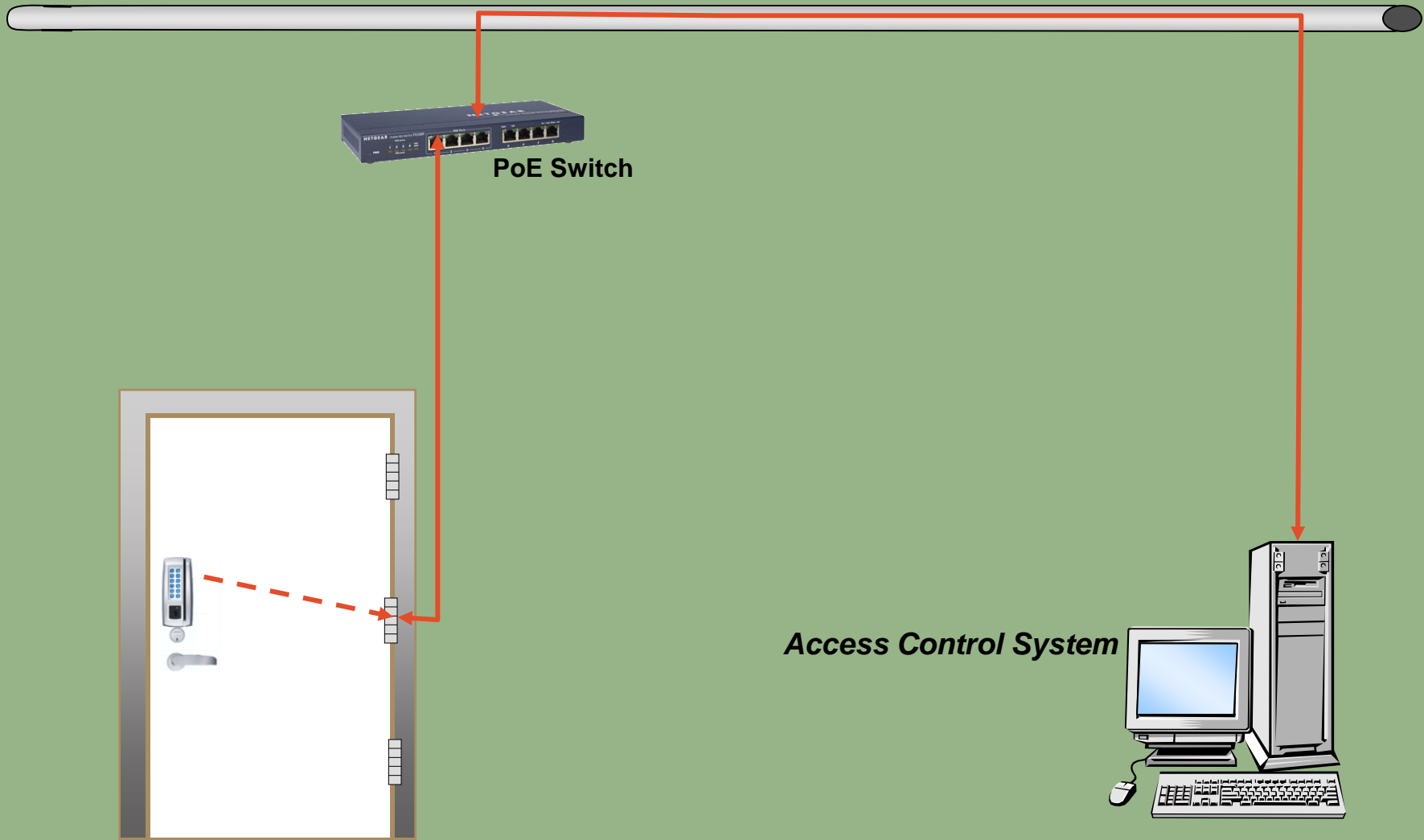
Wireless Reader/Lock



802.11 "Panel-in-Lock"



IP Enabled: PoE "Panel-in-Lock"



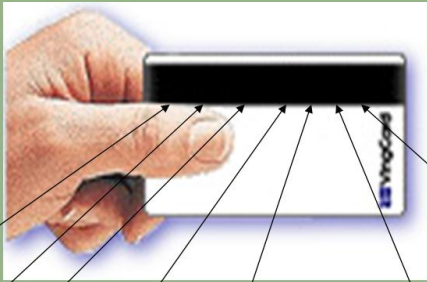
PoE Switch

Access Control System

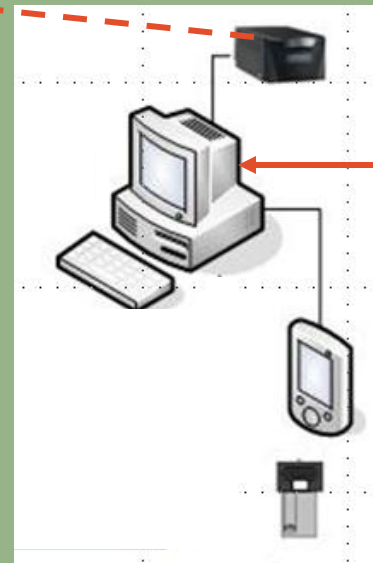


Offline

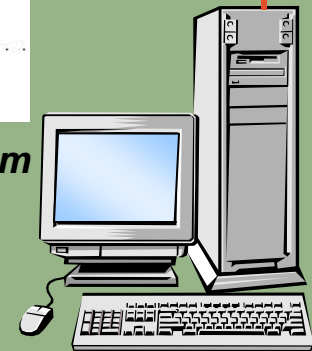
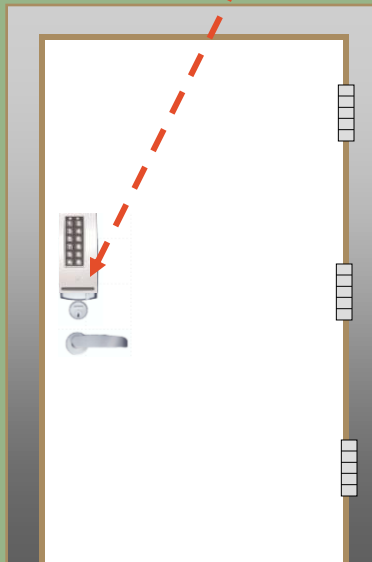
Time/Date Stamp • ID # • PIN # • Hsg. Room • Start/Stop Dates • 6 Access Groups • 80 Addl. Doors



Time/Date Stamp • ID # • PIN # • Hsg. Room • Start/Stop Dates • 6 Access Groups • 80 Addl. Doors



Access Control System



Integrating

- **Integration**: OEM partner “driving” our lock.

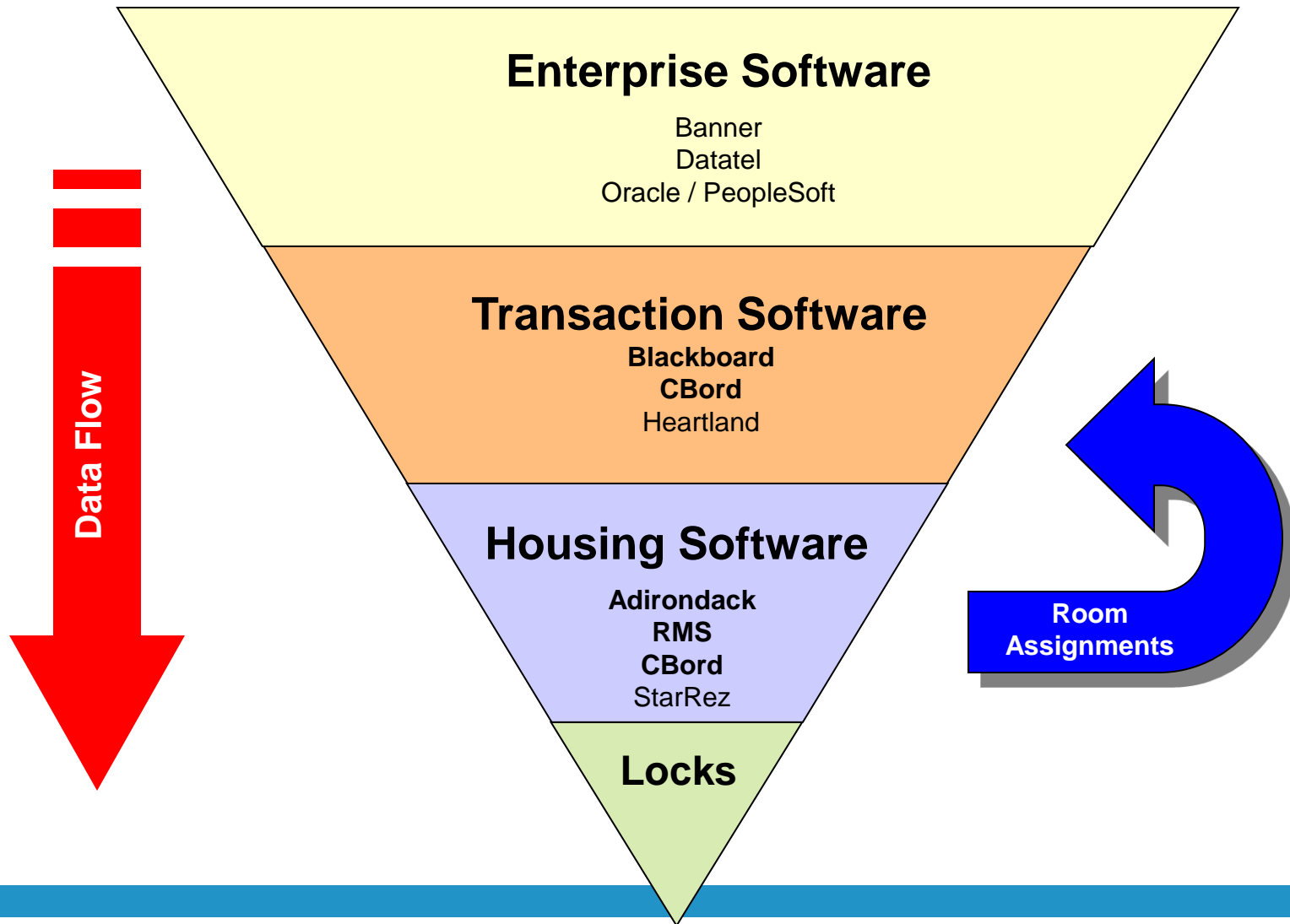


Interfacing

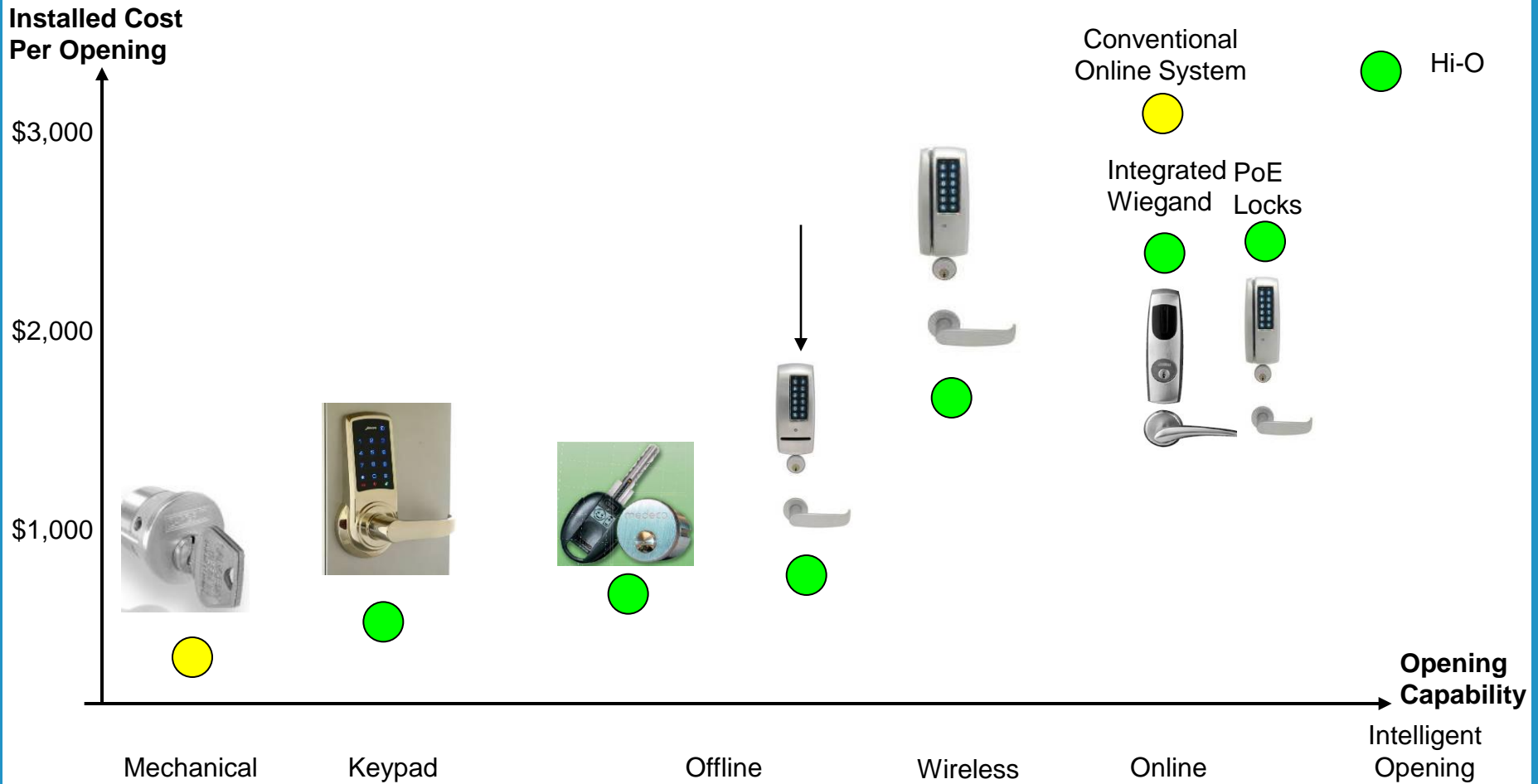
- **Interfacing**: Software “linking” to other campus software's.



Flow of Imported Data:



Security Continuum



Application Appropriate

On-line

Parking Lot Gates
Exterior Entrance Doors
High Use Doors
High Security Doors
- Computer Lab
- Research Lab
- Public Safety

Wi-Fi or Ethernet (PoE)

Any Application

Off-line

Residence Hall Rooms
Conference Rooms
Corridor Entrance Doors
Classrooms
Offices
Closets



Consider these questions:

- **What does “integration” mean? What does it do for you – why is it important?**
- **How many independent systems do you have on Campus?**
- **What are the costs of keeping all of the records in those systems updated?**
- **How many contacts do your Students/Faculty/Staff have to make to get issues resolved or inquiries responded to?**



In Summary...

- Migration Path
- Application Appropriate
 - Choosing one ACS solution?
 - IP Enabled-Wifi and POE
- Open Architecture
 - Not locking you in in case you change your mind?
- Integration/Interface
 - You ask the questions?

❖ Connect....Collaborate.....Capitalize





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