ASSAABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience



Energy Efficient Access Management - Campus Safety & Security That is Sustainable

National APPA Conference – August 3rd, 2018 Washington, D.C.

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What do you do?

Connect with me:



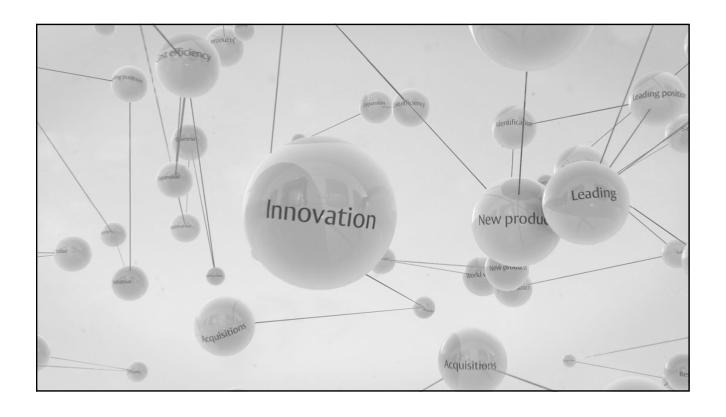
https://www.linkedin.com/in/jeremy-saline

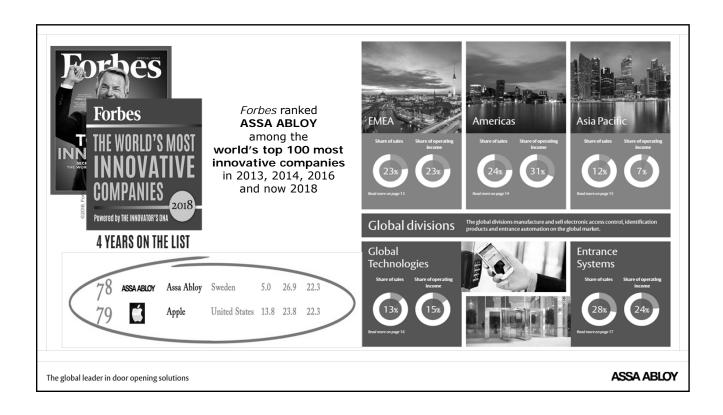


@JeremySaline

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We're here to discuss ...

- 1. Challenges with campus security, a better path forward with a layered integrated approach...
- 2. Campus security trends...
- 3. TCO analysis of access control infrastructure...
- 4. How to manage ADA access with challenging openings on campus...
- 5. Division 08/28 Contributions towards LEED v4



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Each campus has unique security requirements, but there are four key areas to consider:

1. Deter:

This may include physical barriers such as fencing, barricades/ booths, and locked entryways; access control and security cameras throughout campus, as well as public policies and procedures for the campus security department and local law enforcement agency.

2. Detect:

Detection can be accomplished through electronic access control, video, intrusion systems, or alarm controls.

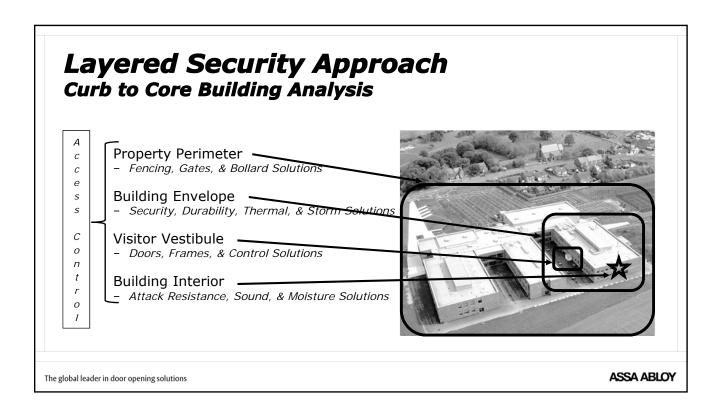
3. Delay:

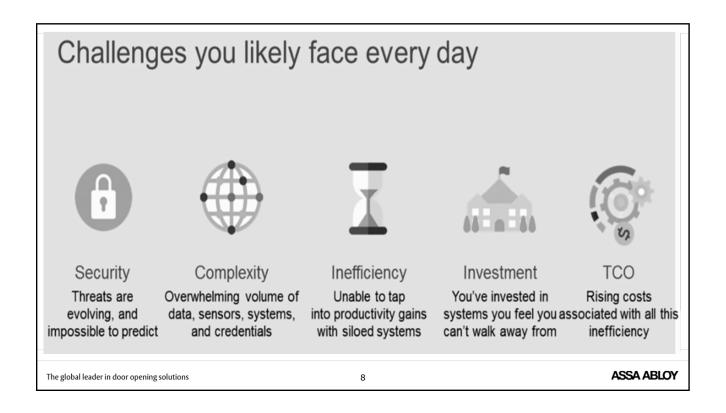
Physical delays, such as man trap areas or doors with appropriate locking hardware (mechanical and electromechanical), can provide time for evaluation or response such as lockdown or shelter-in-place.

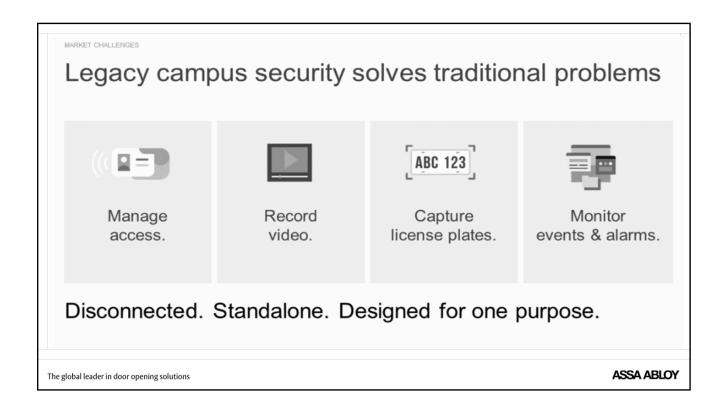
4. Respond:

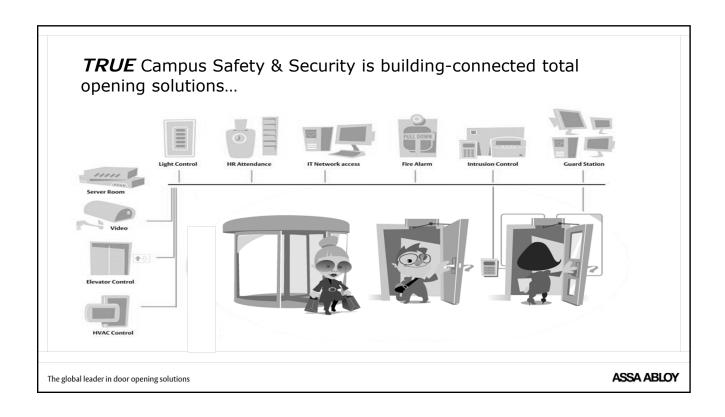
Known policies and procedures for students, staff, campus security, and local law enforcement allow for a prompt response to any incidents on campus.

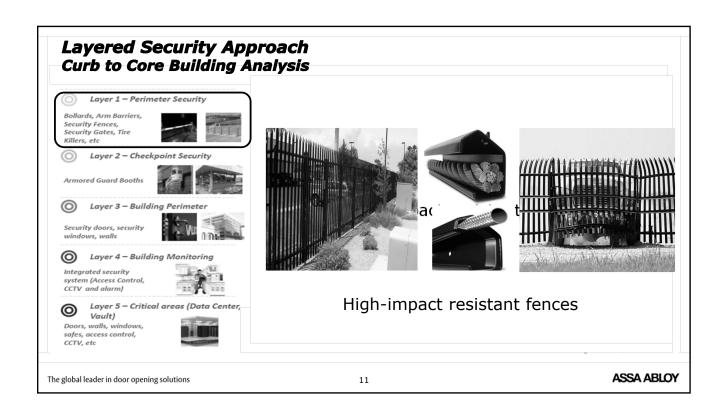
What Does Security Look Like at Your College or University?



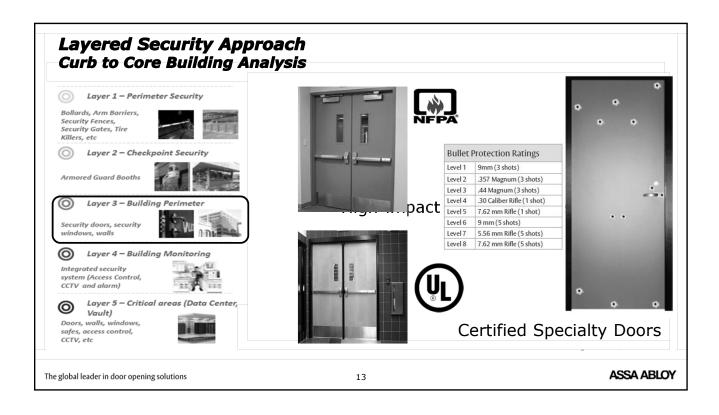


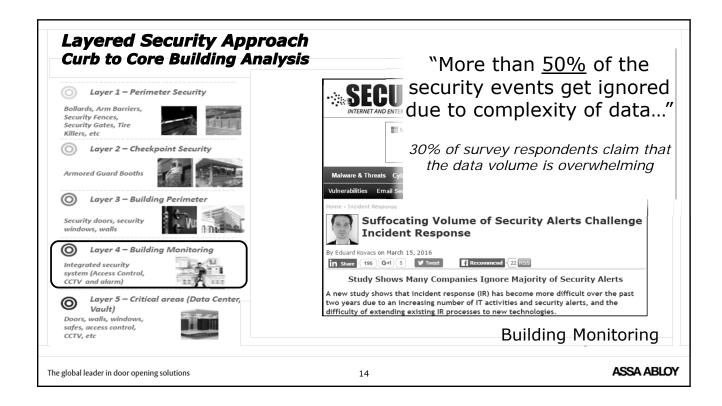


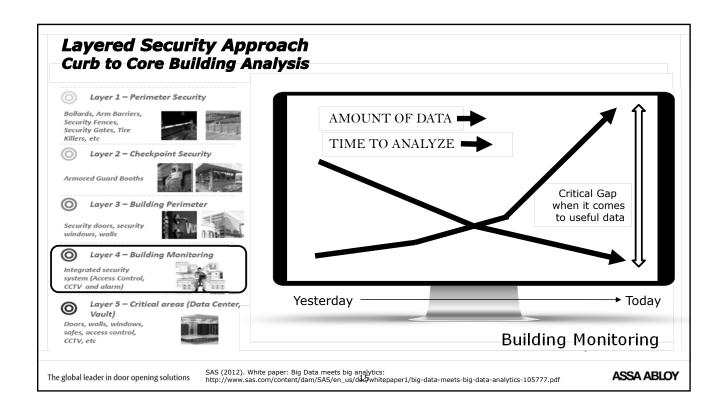


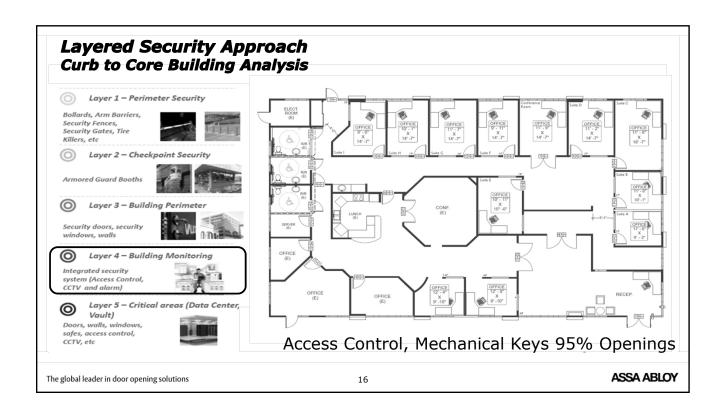


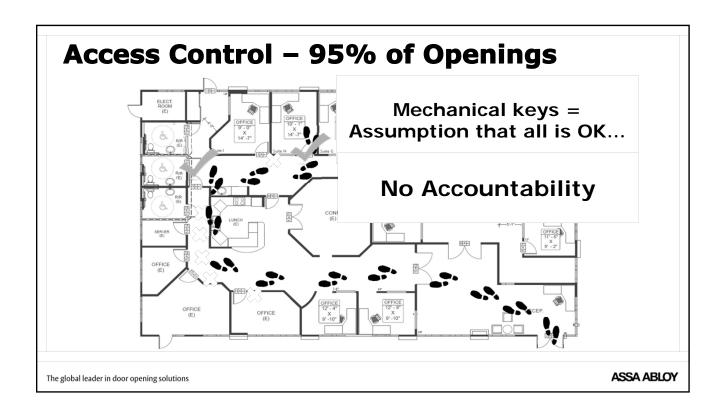


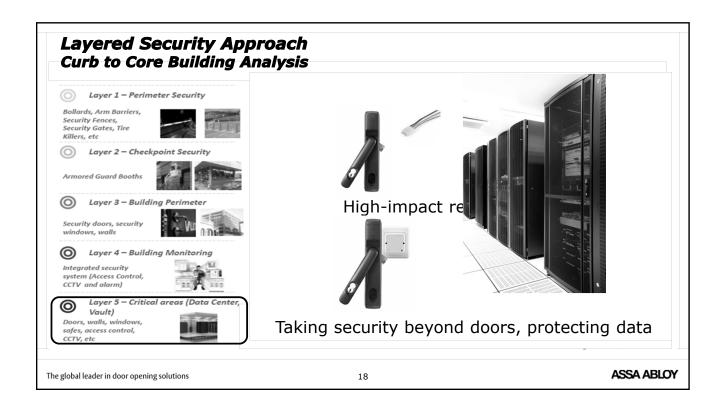


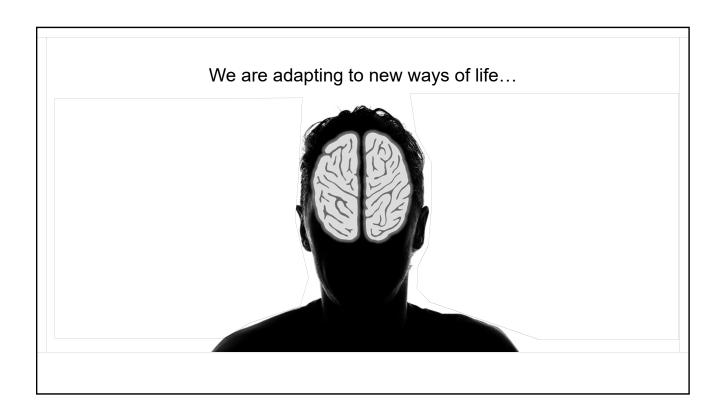


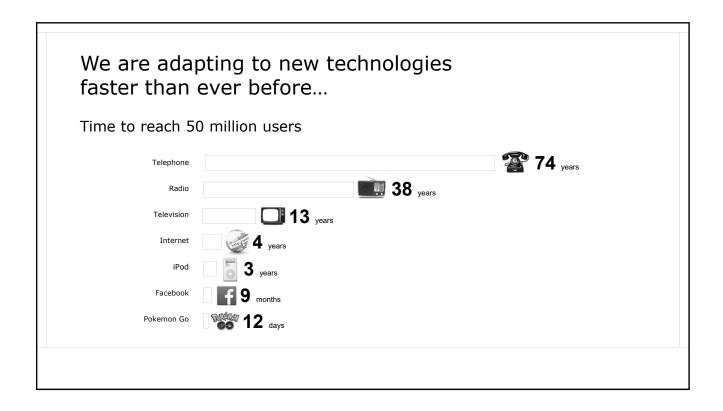










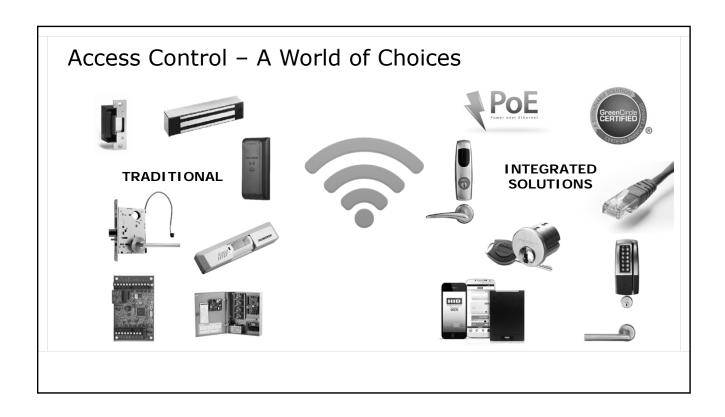


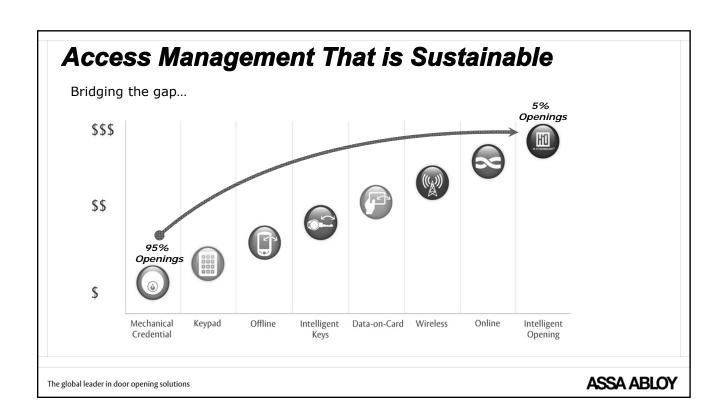


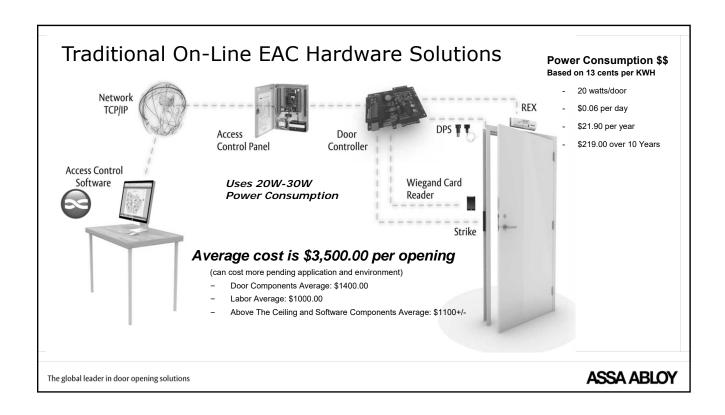


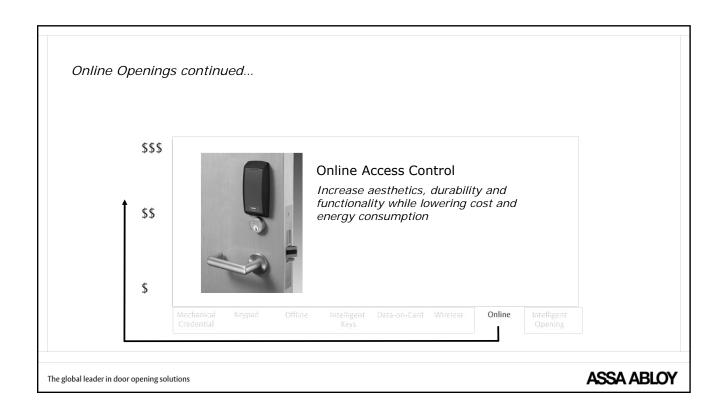


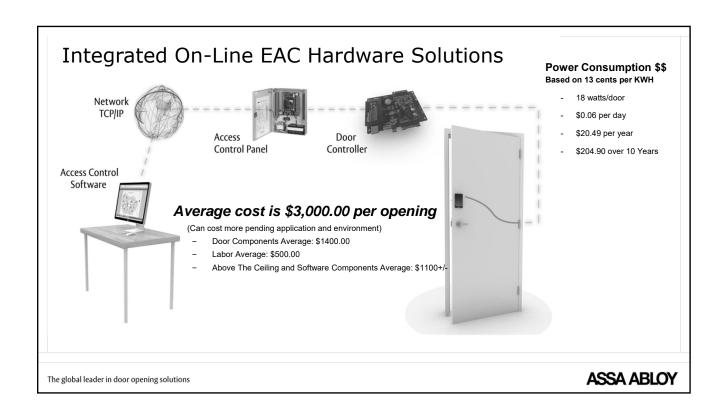


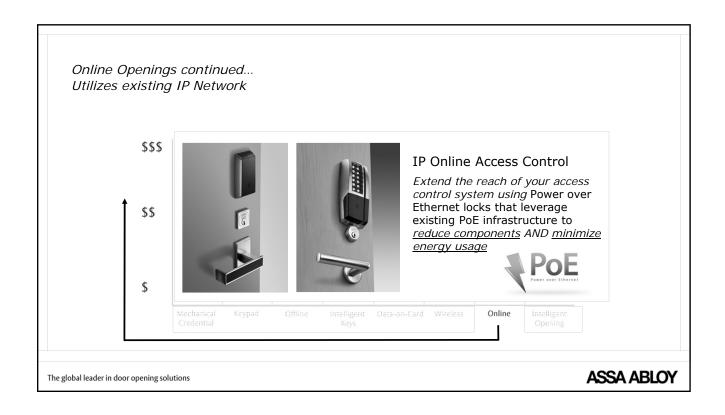


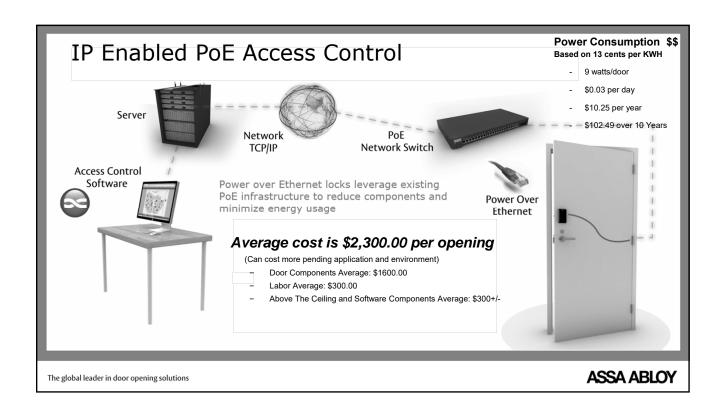


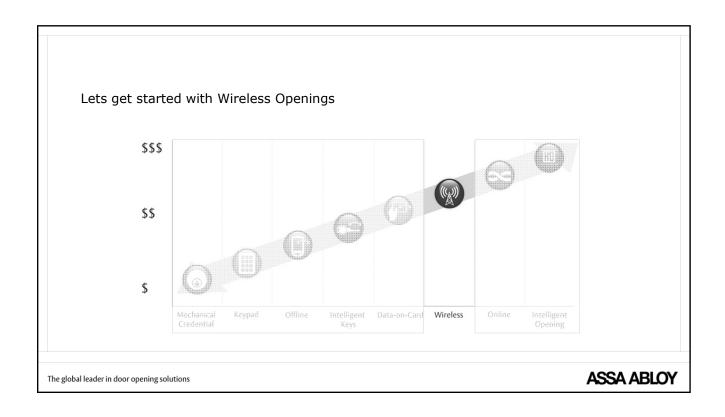


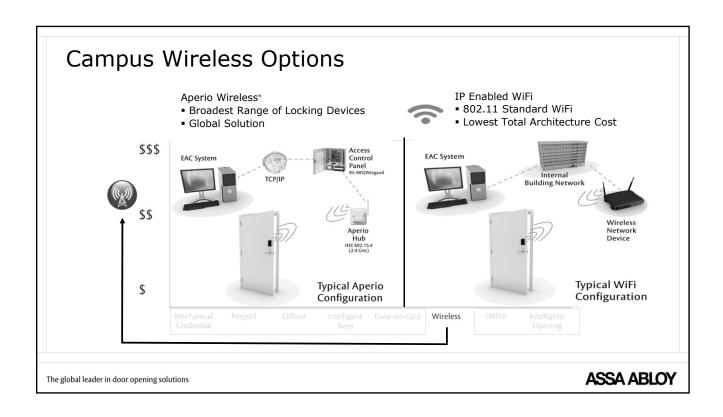


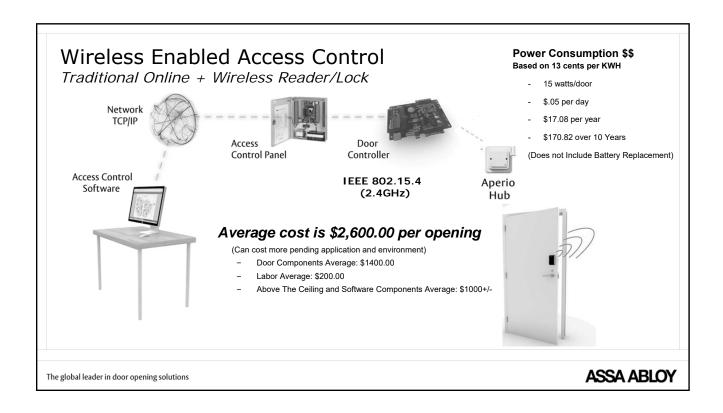


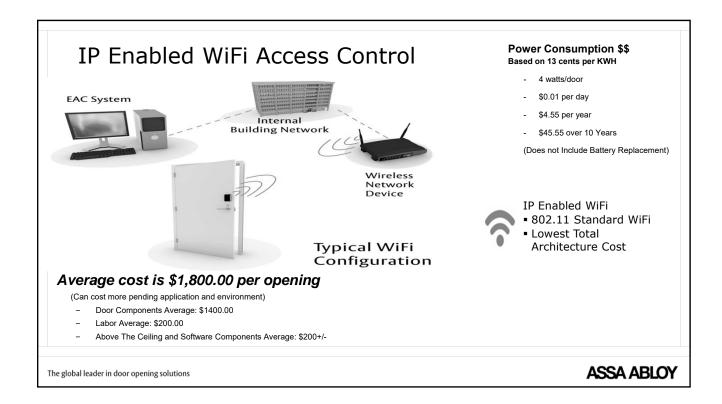


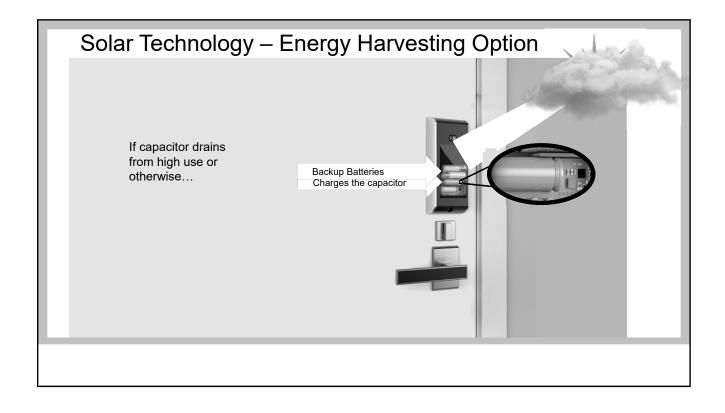


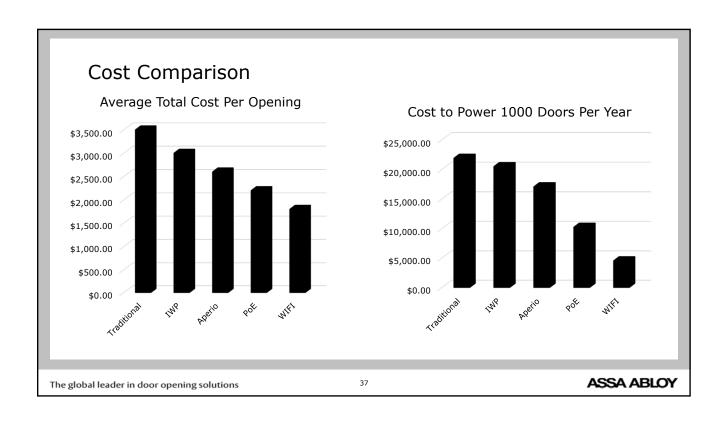




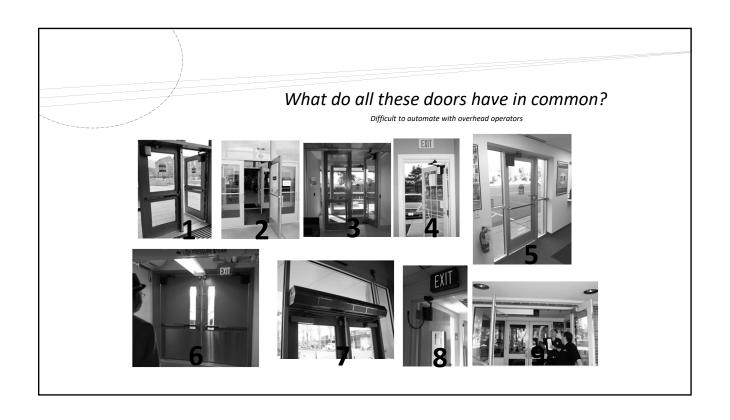


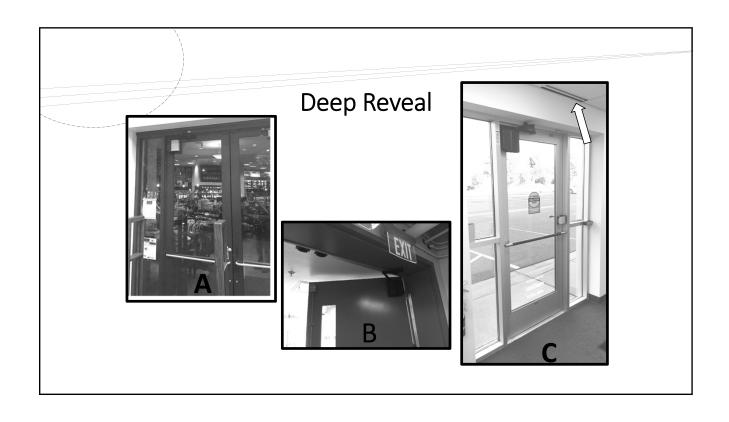


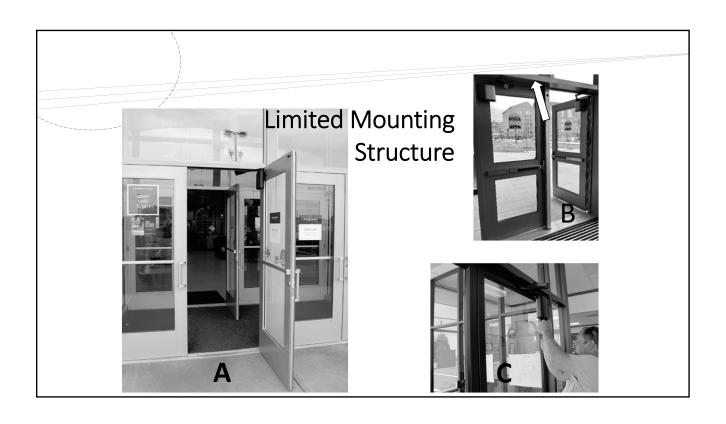




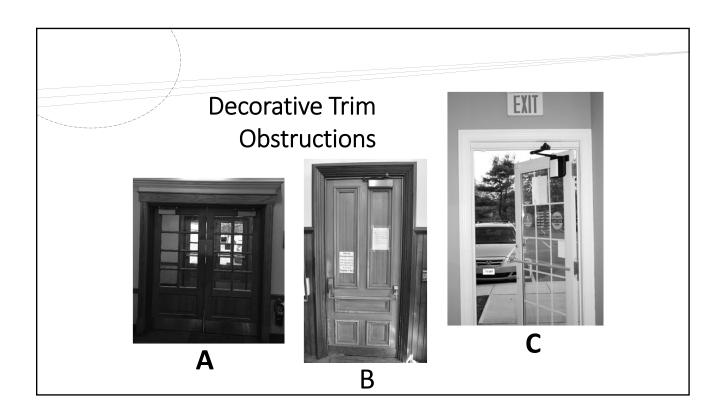






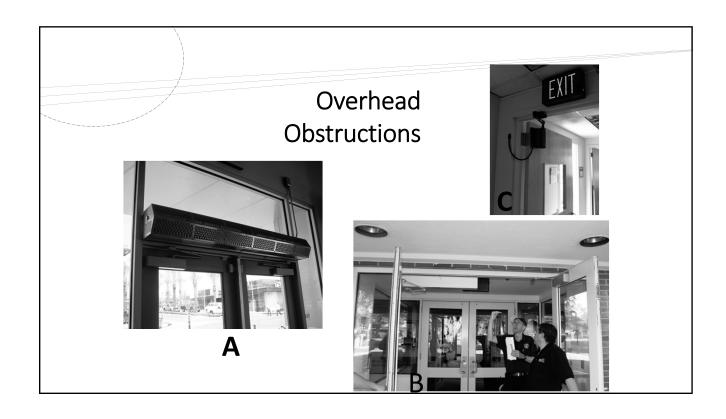




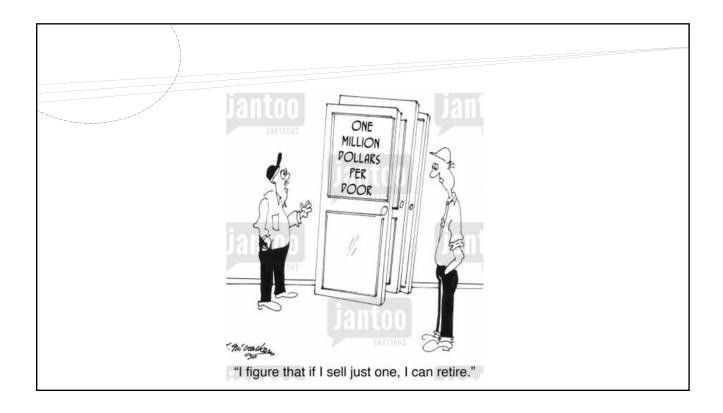




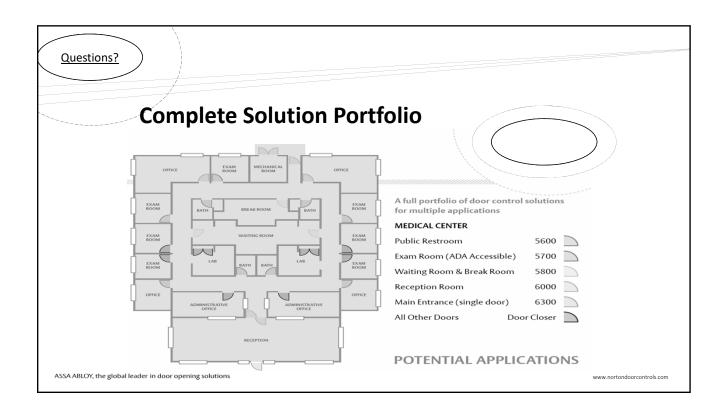






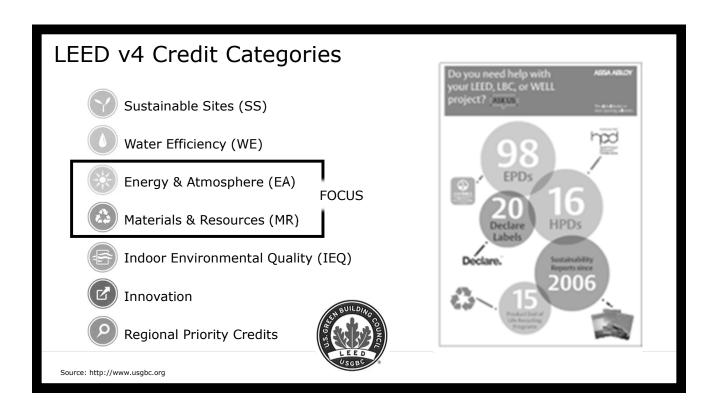


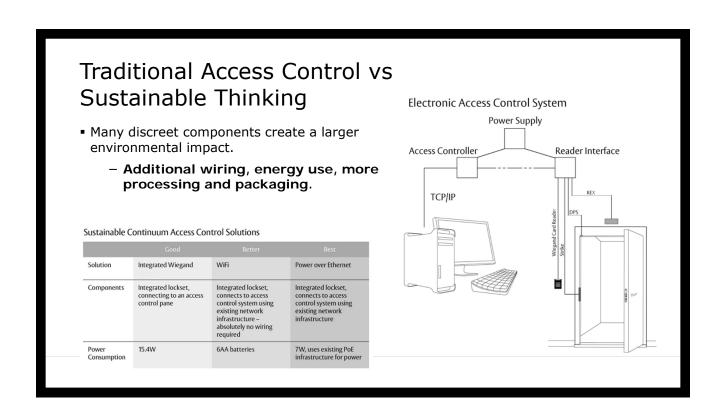


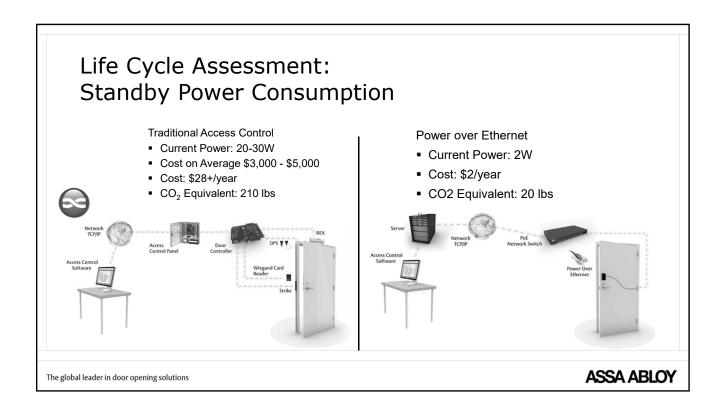


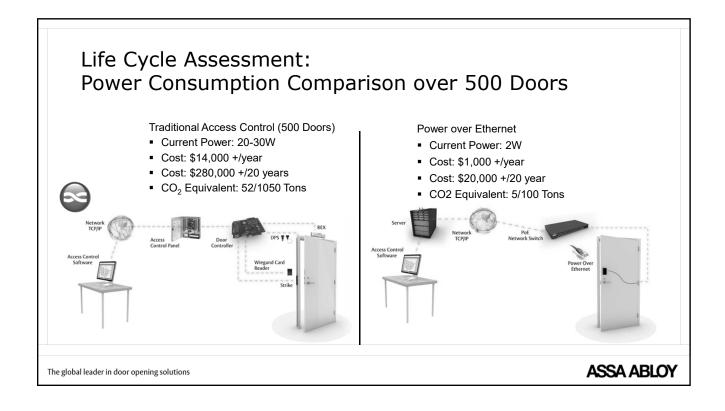












PoE IP-Enabled Access Control

1 PoE Lock - \$18 savings/door



Pitt has 1500+ openings with PoE locks









PoE locks are saving the school \$27,000/year just on power



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Higher Education Campus Energy Case Study



Reports finalized with Green Circle. Case study report will be available soon!

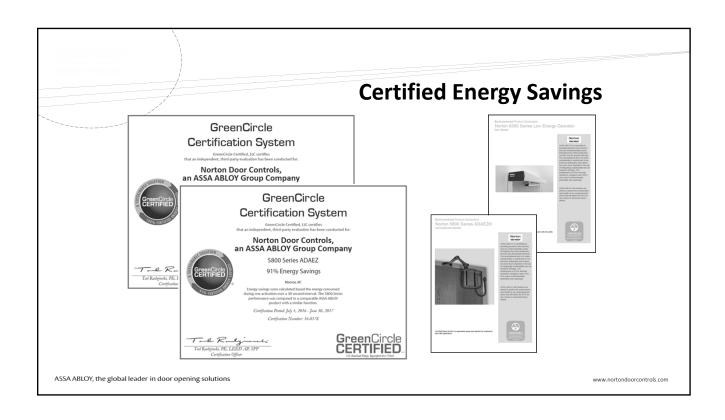


Table 1. Summary of Energy and Cost Savings

	Electricity Usage (kWh)	Cost (based on \$0.0809/ kWh)	Natural Gas Usage (therms)	Natural Gas Cost (based on \$1.87/ therm)	Total Energy Use (MBTU)	Total Cost (\$)
Existing Interior and Exterior Doors	133,948	\$10,836	4,948	\$9,252	951,815	\$20,088
Proposed ASSA ABLOY Doors	1,510	\$122	56	\$104	10,728	\$226
Savings	132,438	\$10,714	4,892	\$9,148	941,08	\$19,862

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Thank You!

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