Security Professionals
CONFERENCE 2018
April 10-12, 2018, Baltimore, Maryland

Security and Privacy Professionals: All Hands on Deck!
The Odd Couple Discuss IoT Security (Navigating Hidden Reefs in Choppy Waters)

Julie Johnson, Armored Things
Bruce Maas, U of Wisconsin-Madison

Thursday April 12 8:00 AM Watertable Ballroom AB
Outcomes

Outcomes:

• Explain to campus stakeholders why IoT device management requires new levels of partnership & shared responsibility
• Identify initiative leaders & campus partners
• Gain ideas for how to develop a collaborative strategic plan that includes athletics, student affairs leaders, students, shared governance, and select faculty researchers who have a focus on safety, privacy, security, and control systems

#Security18
Who We Are

- Julie Johnson, Co-Founder & President of Armored Things
- Bruce Maas, Emeritus CIO & Vice Provost for Information Technology at the University of Wisconsin-Madison
Questions Before We Get Started

• How many of you actively monitor all IoT devices on your campus?
• How many of you regularly interact with facilities leaders?
• How many of you interact with your local or campus police?
Urgent Imperative

- IoT security cannot be done effectively without partnership from your police and facilities.

You must:

- Build control systems
- Access control systems
- Operate video security systems
Does your team have the skills to effectively control your campus?

- Police are often challenged by access controls
- Manual video monitoring is a disaster waiting to happen
- When police/facilities management plan new buildings, do they engage you in the infrastructure needed for full access control and monitoring?
Two Large Challenges

• IoT device security
• Orchestration of IoT devices
Example:

- Active shooter on campus
- Attack on a large public venue
- Where would you like us to start?
Case Scenario

- Using artificial intelligence to amplify and scale the ability of humans to respond to an incident
Short Term Implications
Long Term Implications
Q&A

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