The Digital Revolution in Higher Education: How and Why the Internet of Everything is Changing Everything.

Educause 2015

University of La Verne
What is the Internet Of Everything?

- *The Internet of Everything is, “the intelligent connection of people process, data and things on the network”* Dave Evans

- An important enabler of the Internet of Everything is the network intelligence that fuels the manageability, controllability and scalability required to support incredible growth in connections

- With each new person, process, piece of data or thing that comes online, the connection possibilities between all these elements. The internet of everything makes all these connections more relevant and valuable.
  - It’s not the act of getting connected-or even the number of connections-that creates the value. Rather, it’s the outcomes the connections make possible.
IoE and The University of La Verne

- Increases student satisfaction ratings by recognizing the University’s relationship to the digital realm.
- Provides electronic ways to manage confidential data and student, faculty and staff safety.
- Collaborate with Main Campus and Regional Campus staff and students by offering different modes of communication and connectivity.
- Engage in groundbreaking research, create engaging delivery methods and solidify best practices for emergency response systems.
The University of La Verne: Digitizing at Light Speed

- **Breadth of Coverage for**
  - Temperature Alarms for Data Centers
  - Security alarms
  - Campus-wide Wi-Fi coverage

- **Monitoring Data Centers**
  - Prepare against network threats with quick response times
Cisco ISE
- Provides secure wireless network options for our Institution

**Distills authorization process for all University campuses**
- Less confusing for students, faculty, staff
- Guest access more secure
  - ISE profiles devices using both posture assessment and network access control

**Built in posture assessment**
- System automatically assesses devices for authorized users and BYOD users
IoE and Instruction

- Mobile First
  - ISE impact
- Instructor & student generated video
- In-class activities
- Faculty Workflow
- Faculty Support
  - Modeling - Use What You Support
Transportation and Student Safety

- Provide Security for our student population on Main Campus and Regional Campus
  - Student Safety (LeoSafe App)
    - Main Campus
    - Regional Campus Connection
  - Transportation
    - Shuttle lots
    - Parking lots
    - Shuttle schedules
Cisco Unified Collaborations and University Communication

Cisco TP, WebEx, and Jabber

- Campus Community
- Interdepartmental meetings
- Board of trustee meetings
- Alumni meetings
- Human Resources
- Student Access to accounts
- Provide remote technology support
Questions?