Empowering students with a Mobile First Campus

Digital curricula, classrooms collocated and connected when students need it. The modern students don’t always work when you’re expecting, so classrooms need to be flexible and robust enough to cater to demands.

Additionally, the use of tech to work away from campus is critical to modern education and a library, as it enables students to always be learning regardless of their location.

### CONSIDERATIONS

#### ENABLING STUDENTS FOR SUCCESS

- **#1** regular impact of student devices on network performance
- **85%** unplanned device connectivity

#### INFLUENCING OUTCOMES WITH ANALYTICS

- **25%** of student data breaches are caused by other students, faculty, staff, and campus guests
- **56%** of undergraduate graduate students feel insecure

#### SECURING AN ALWAYS-ON DIGITAL WORLD

- **455** student devices on an average day
- **73** confirmed breaches
- **Social engineering attacks**: 44% of the breaches, 74% involving engaging+ methods
- **36%** authentication failed
- **19%** shared mobile device

#### THE SMART CAMPUS SOLUTION

Aruba enables IT to reinvent higher education and campus environments – from dorm rooms to student centers, lecture halls to sports venues – empowering students and facilitating intelligent mobile and IoT experiences.

Ready to build your mobile-first education network? *visit www.arubanetworks.com/highereducation*

**THE SMART CAMPUS SOLUTION**

- **ALWAYS ON CONNECTIVITY**
  - Internetwork high density, low latency, and secure connectivity in dense environments (AirMatch, AirWave)
  - Identity aware, before student arrives on campus.
  - Optimize peer performing environments (RGos)
- **360 SECURE FABRIC**
  - 12M+ true access for students, staff, guests, and IoT (ClearPass)
  - Machine Learned analysis to detect and respond to security risks (IntroSpect)
  - Define access policies for different users and groups (ClearPass)
- **SUPPORTING DEVICE CHOICE AND PROLIFERATION**
  - 81% connect to as many devices as the network will support
  - 51% more devices per day at 5G+ student institutions
- **SIMPLIFIED AND FLEXIBLE**
  - One click and automated device and role configuration
  - On the fly, 815M+ software defined, multi-tenant, multi-tenant
  - Quality score to address new network device with
- **INSIGHTFUL AND AUTONOMOUS**
  - Automatically manages a campus-wide IoT ecosystem (AirMatch and AirWave)
  - Automatically improve your environment with real-time, real-time, real-time, real-time, real-time
  - Automate troubleshooting and simplify operations (ArubaOS 8 with NAE)
- **SMART SPACES WITH LOCATION AWARENESS**
  - Improve student and guest experiences
  - Engage students with location-aware content
  - 85% of student campus environments
- **CONSIDERATIONS**

- **78%** of students want data-driven personalization for academic matters, financial aid, and career prep
- **25%** of undergraduates graduate in 6 years
- **5** of students say data-driven personalization for academic matters, financial aid, and career prep
- **455** of students say data-driven personalization for academic matters, financial aid, and career prep
- **408-227-4500 | info@arubanetworks.com**

**Learn more:** www.arubanetworks.com

**Sources:**
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3. Survey: Most students say technology boosts academic success
4. Nearly All Prospective Students Want a Tech-Savvy Institution
5. NCHEMS Information Center
7. The Educause Almanac for Undergraduate Student and Technology Survey, 2017
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