History, Trends and Use Cases in Enterprise Mobility Management

Preston Winn, Director Business Development, Education
Trends in Higher Education

Proliferation of mobile devices
Asset tracking and multi-OS management
Student and faculty owned devices- BYOD
Secure access to school services
Compliance with CIPA & COPPA

Explosion of educational apps
Application distribution
Internal and public apps
Volume Purchase Program (VPP)

Mobile access to school content
Administrative management and security
Secure distribution and access

Teacher and learning enablement
Digital curriculum & personalized learning
Classroom level application controls
About AirWatch

1,600 employees

150 countries

17 languages

10 global offices

Our Mission: Simplify Enterprise Mobility™
Multi-tenancy for Higher Education

Maintain control at a global level

University

State University

Schools

Business

Nursing

Classes

Accounting

Marketing

Theoretical Core

Clinical Core

Users & Devices

Student 1

Student 2

Professor 1

Student 3

Professor 2

Managed by Business School IT Department

Managed by Nursing School IT Department

Business School Education Systems

Nursing School Education Systems
University Enhances Campus Life with Mobility

California Polytechnic State University

• CPC uses tablets for mobile point of sale (mPOS) and management productivity
• Enable mPOS and line busting at sporting events, food trucks and bookstores
• Install sales reporting apps for oversight at various restaurants on campus
• Enable kiosk mode for mPOS program to prevent misuse
• Secure and protect apps that update pricing

“The mPOS management cuts down on the lines and operates in the field where we otherwise would not be able to accept credit cards. Without AirWatch, we could have no way to capture these additional profits.”
Develop a Comprehensive Mobility Strategy

Security

Devices

Apps

Content

Email

Browsing

Workspace

BYOD
Balance Security and Enablement

**Security**
- User Authentication
- Compromised Device Detection
- Restrictions
- Automated Compliance Engine
- Asset Tracking
- Application Security
- Email Attachment Security
- Laptop Management

**Enablement**
- Corporate Email Access
- App Catalog
- Wi-Fi and VPN Access
- Secure Content Collaboration
- Multiuser Management
- Flexible Deployment Options
Enablement
Evaluate Multiple Security Approaches

MDM
Manage the Device

Containerization
Manage a Workspace

Hybrid

Example: BYOD
Example: Corporate-owned
Real-time access to educational content anytime, anywhere on any mobile device
Secure Content Distribution

Curriculum Materials
Digital textbooks
Assignments
Student Records
Promote Collaboration

- Teacher to student
- Student to student
- Student to teacher
- Small groups
Enable Real-time Access to School Content

- Enable students and teachers with secure access to school materials
  - Syllabus
  - Digital textbooks
  - Assignments
  - Student Records

- Promote collaboration with secure file share, desktop sync and edit/annotation capabilities
Transform how students learn and how teachers instruct with mobile applications.
Distribute Applications

Apple Volume Purchase Program
Single App Mode
Dynamic Assignment
Silent Installation
Automatic Removal
Enhance Student Learning with Mobile Apps

• Secure, manage and distribute educational apps
• Silently install/remove apps over-the-air
• Integrate with Apple Volume Purchase Program
• Lock devices in single app mode to keep students focused
Flexible Deployment Options

- SCL integrated with MDM
- SCL within the Workspace
- Stand-alone SCL

Extended Enterprise Collaboration
NAC integration

Contextualize user experience

Easy on-boarding for BYOD and University-owned devices while ensuring compliance and security

Health assessment of device (compliance with MDM rules)

Simplify enrollment or enforce enrollment to grant access

Device-level security and network access security come together
University of Indiana at Pennsylvania