IT Briefing Agenda

• Office 365 Update
• Two-Way Radios
• Barnes & Noble Update
• Core Router Update
• Information Security Alert

• Jay Flanagan
• Tom Nguyen-Pham
• Heather La Fluer
• Mike Politinsky
• Marc Overcash / Brad Sanford / Derek Spransy
Jay Flanagan
Manager, Messaging Team, Infrastructure
Office 365 Update
Moves to O365

- Moved Messaging Team and some project core team members
- Pre-copying UTS/OIT/LITS/Campus IT
- Moving in the next week or so
Unified Messaging

• Coverage Paths
  – Beta code ready
  – Meeting on the 19th to review
  – Working to have ready for Sept. moves
Archives

- Gathering Process – have handled/prepped over 378 million messages
- If continues at same pace, should be ready to begin testing actual moves in about 14 days.
2-Way Trust

• Server Mitigation review complete
  ~307 servers

• Currently working on the mitigation on each of these servers

• Still on target to complete by mid-September
Tom Nguyen-Pham
Mobile Messaging App Admin II
Messaging Team, Infrastructure

Two-Way Radios
What are Two Way Radios?

- Devices that can transmit and receive voice transmission in a half-duplex mode (i.e. cannot transmit and receive at the same time)
System Requirements

- Infrastructure consists of radio towers and transmitters
- Requires Federal Communications Commission (FCC) license to operate on the 800 spectrum, UHF and VHF MHz frequency
Two-Way Radios provide…

• Better response and/or reaction time
• Better coordination and control of personnel & resources
• The ability to communicate with your entire group at once
• Better productivity of your operations
• Timely and accurate information for improved decision making
• A higher level of safety
Who’s Using It?

• Emory Police Department
• EHC Department of Public Safety
• Emory Emergency and first responder services
• Office of Critical Event Preparedness and Response (CEPAR)
• Campus Services(Facility and Parking Departments)
• House Keeping
Current Radio systems

- Two stand-alone Smart Net radio system located at EUH and EUHM
- Unable to communicate across campus
- Systems are going out date
- Radio subscriber is obsoleted from Motorola
- High cost tower space rental
- UPS power back up is only 5 minutes or less
New Project

• Replace the current Trunk Radio System
Options

1. Buy a new system with 800 MHz
   - Cost: $4.5 Million
   - Radio users will pay very much

2. Share four 800 MHz
   - Cost: $1.3 Million
   - Radio users will pay less

Considerably less expensive compared to the new system option.
Moving Forward

• Review of Motorola services and contracts
• Communications to departments to begin building budgets for FY15 to purchase new radios and be prepared for new radio services monthly cost.
• Work with DeKalb County on the agreement for using their backbone and sharing our frequencies.
• Work with FCC to expand the frequencies we will be sharing to all of DeKalb County.
Two-Way Radios

Questions
Heather La Fleur
Assistant Department Manager
Emory Barnes & Noble
Barnes & Noble Update
Emory Back to School Computer Bundle

• Includes the Apple computer of your choice, AppleCare, Microsoft Office 365 University, and an Emory drawstring bag, screen cleaning cloth, 2GB USB drive, and T-Shirt
• Prices vary depending on computer chosen, starting at $1372 after tax
• $100 Apple App Store gift card free with any bundle purchases before September 6th
Apple Back to School Promotion

• Free $100 App Store gift card with the purchase of any Apple laptop, and most Apple desktops
• Free $50 App Store gift card with the purchase of any current generation iPad
• Offer runs through September 6th on personal purchases
• Also available with Apple computer bundles
In-Store Hardware Service

• Students may visit Bell Techlogix at the bookstore for hardware support
• Apple and PC
• Items repaired in and out of warranty
• iPad Express Replacement under AppleCare+
• Contact:
  • Yahdo Warner
  • 404-727-6243
Emory Faculty and Staff

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  - [www.bookstore.emory.edu](http://www.bookstore.emory.edu)
- Contact Heather La Fleur with any questions:
  - hlafleu@emory.edu
  - 404-727-2667
Mike Politinsky
Manager, Network Engineering, Infrastructure

Core Router Update
Core Router Refresh Update

• Was is complete: North Campus & Clairmont router migration. Those legacy Foundry MLX routers are ready to be decommissioned.

• Cox Migrations to conclude around 8/19. We are moving all "University Networks" that attach to the COX core routers to the new Cisco Nexus 7000 series routers. The remaining connections include WMB, Hospital Annex, MetroE switches and the VoIP.

• The team is in the planning phase for NDB migrations to begin sometime in late September with EUH and EUM remaining until ProxyARP is delivered through a code update scheduled for September or October.
IPAM Update

- IPAM is IP Address Management. The new service launch is planned for early October.
- InfoBlox, the new solution is currently serving DHCP for Academic Wireless; DHCP and DNS for Academic, ResNet, SecureAdmin and VoIP. Healthcare is planned for September.
- The retirement of the legacy DHCP servers is planned for late September, retiring DNS server in October.
Edge Refresh Update

• Buildings completed this year: Rich Building, Nursing Building, 1525 Clifton, Woodruff Library wireless enhancement, 59 Executive Park, Decatur Plaza, TEC B, and the Mobile Classroom upgrade at Oxford College.


• Buildings in Next Phase: EUM Woodruff & Davis-Fisher Buildings, Burlington Rd Arts Building

• Planning for next year has begun.
Edge Refresh Status Page

• The Link is active, currently 75% of the supported environment is documented; we hope to have 90% of supported locations populated by September

• Organization: Tables and Nested building information

• Link: [https://wiki.service.emory.edu/display/public/UTS+Operational+Support](https://wiki.service.emory.edu/display/public/UTS+Operational+Support)
Voice Updates: Digital Migrations

• Digital is so hip, in the 80’s.
• We are working to transitioning telephones to either analog (for basic functions, alarms or blue lights) or IP stations. The project is set to replace the remaining 750 digital stations with similar IP telephones. This project is set to complete within the next 2-3 months.
Questions?
(slides redacted for security purposes)

- Contact Brad Sanford or Derek Spransy for information regarding the presentation.
Security Update

Questions
Thank you for coming!