



EMORY
UNIVERSITY

EMORY
HEALTHCARE

Office of
Information
Technology

IT Briefing

August 15, 2013

North Decatur Building

4th Floor Auditorium

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

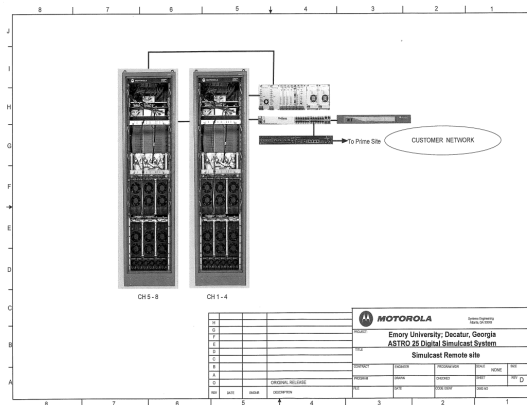
What are Two Way Radios?

- 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

Buy a new system with

Share four 800 MHz

1

The cost will be very

Considerably less expensive

\$4.5 Million Total Cost

\$1.3 Million Total Cost

2

Radio users will pay very

Radio users will pay less

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



BARNES & NOBLE @ EMORY UNIVERSITY

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

- 10% off personal purchases of many items
- Use your Smart Key or Purchasing Card and get a 20% discount on select items
- Order from Emory Express
- (Non-Catalog Vendor > Emory Bookstore)
- Come see our new Campus Life website:
- www.bookstore.emory.edu
- Contact Heather La Fleur with any questions:
- hlafleu@emory.edu
- 404-727-2667



Barnes & Noble Update

Questions

BARNES & NOBLE
@ EMORY UNIVERSITY



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 Process: Wesley Woods, WoodPEC, DUC, and Miller Ward Alumni House
- 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>

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?





Marc Overcash

Deputy CIO and SOM Assistant Dean for IT,
R-WIT Central Operations

Brad Sanford

Chief Information Security Officer
OIT Enterprise Security

Derek Spransy

Sr. Information Security Specialist
OIT Enterprise Security

Information Security Alert

(slides redacted for security purposes)

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

Security Update



Questions



Thank you for coming!

*Thank
You*