

Joint meeting of the Wireless Advisory Team & NETWOG

November 10, 2005

2 PM to 4 PM

120 Baker Systems Engineering

Agenda

- Welcome & Introductions 5 minutes
Presenter: Chuck Morrow-Jones

- Presentation by NeTeam 45 - 60 minutes
 - Wireless Past, Present & Future

- OSU Wireless Project Roadmap 30 minutes
 - Where we are (status of Phase I)
Chuck Morrow Jones
 - Where we are headed (transitioning to Phase II)
Bob Corbin , Tom Stone

- Open Floor Q & A 30 minutes

Wireless Past, Present & Future

NeTeam Presentation by:

Jim Portaro

Jon O'Nan

Presentation located at:

<http://wireless.osu.edu/forums.html>

OSU Wireless Project Roadmap

Presenter(s):

Bob Corbin

Chuck Morrow-Jones

Tom Stone

Where We Are: Phase I

- **Phase I is a transitional phase:**

 - Conversion of existing AP's to provide 802.11b wireless hot spots

 - User authentication with alternative credentials (OSUWireless ID and PIN)

 - Encryption of wireless session between client and AP

- **AP Conversion update**

 - Target: 190 AP's in 60 locations**

 - Current Status: **280 AP's in 103 locations** operational (incl. residence halls)

- **OSUWireless Account Activations**

 - Target: 4,000 users**

 - Status: **3,763 active accounts** to date; about 6:1 students to faculty/staff



Still to do: Phase I

Access Points

- Conversion of 16 APs in 3 areas on original list (Ohio Union, Blankenship, Wexner)

Guest Accounts

- Core team has determined that a mechanism to provide guest accounts is a Phase I necessity
- Several implementation approaches are currently being explored

Where We Are Headed: Phase II

□ Overview

■ Vision

- Secure, centrally managed wireless network for The OSU main campus
- Support a minimum of 2300 access points
- Support a minimum of 45,000 concurrent users
- Wireless Best Practices web site
- Professional development opportunities for faculty and IT staff

■ Major Provisions (technical and pedagogical)

- Pedagogy above technology
- Site visits to OSU colleges, major departments, student governments for input
- Financial accountability
- Support students

Where We Are Headed: Phase II

□ **Expected roll out**

■ **Part I: Fall 2006**

- **Procure advanced wireless technology** (includes authentication/security management, AP technology, AP management)
- Deploy 400 project funded AP's in student gathering areas
- Deploy Best Practices web site

■ **Part II forward: Winter 2006 thru 2010**

- **Campus build out**
- Colleges and departments may incur charges for APs, installation, and wiring depending on bid outcome. Goal is to keep cost at sub-\$500 per AP (including installation and wiring)
- Provide professional development opportunities for faculty and IT Staff

Where We Are Headed: Phase II

- Current Status: Core is finalizing functional requirements which **includes** input compiled from:

Entity	Info Gathered
□ Core Committee (initial draft)	May 2005 to current
□ Site Visits (colleges, dept, studnt govts)	May to August 2005
□ Advisory Team	June 2005
□ Network Enterprise	August 2005
□ Security Group	August 2005
□ Implementation Team	August 2005
□ Executive Steering Committee	August 2005
□ Phase I Lessons Learned	September 2005
□ Industry research / expertise	October 2005, November 2005
□ Finalization	by November 30 th

- Finalized Functional Requirements document will be used to:
 - Draft RFP
 - Establish solution selection / evaluation criteria for RFP process

Where We Are Headed: Phase II

Sub-Phase	Primary Deliverables	Estimated Timeline
Functional (Customer) Requirements	Functional requirements document, Success & Selection Criteria, RFP	June 2005 to end of December 2005
Procurement	Solution selection, Network Designs (on-going thru proj), Implementation Plan	January 2006 to April 2006
Test & Acceptance	Checklist and Testing Plan	May 2006 and June 2006
Training & Documentation	Technical Training Plan, end user and college / dept procedures for access, updated web site info	June 2006 to August 2006
Implementation: Part I Student Gathering	Part 1: 400 AP's in student gathering areas, best practices web site	July 2006 to mid September 2006

Unwired “learning environments”

- What difference will wireless make in learning?
- **Website** being created by TELR that will provide **resources** such as classroom management strategies, case studies, and best practices for professors to have students utilize wireless in (and beyond) the classroom for instruction, research, and collaborative endeavors. Can change dynamics dramatically.

Sharing Success Stories

- Please share with us stories of **innovative instructional uses** (in place or planned) in your department for showcase online or at events:
Tom Stone at stone.177@osu.edu,
688-0272 .
- Events being coordinated to increase faculty awareness (similar to “Unwire & Inspire” event in November 2003).



Open Floor Q & A

Special Thank You:

To NETWOG for allowing us to utilize your meeting date, time and location.

To NeTeam for providing a very informative presentation.

To Classroom Media Services for providing streaming video for this meeting.

Announcements

Both presentations provided today will be available on the project web site at: <http://wireless.osu.edu>

Next Advisory Team meeting will be held in 2006. Details to come.

Thank you for attending!