

# Subnet Managers Meeting

March 21, 2012

Spring time in the Rockies!

## Agenda

- Windows/Exchange Update – J Volesky / J Huitt
- UTFAB – Jason Huitt
- Mobile Services – Randy Miotke
- RamCT Transition – Kevin Nolan
- Central Services Update – Scott Baily
- Purchasing – Farrah Bustamante
- Licensing – Diane Noren
- IS Update – Alan Hill
- Network Operations Center – Greg Redder
- Security – Steve Lovaas

## Windows/Exchange Update

- Exchange – Jason Huitt
- -RDP Vulnerability (along with Steve Lovaas)
- -Kiosks

## UTFAB – Jason Huitt

- University Technology Fee Advisory Board

## UTFAB Kiosks

- In Fall 2011, the UTFAB approved a project to replace the aging SunRay kiosk deployment
  - HP t5740e thin clients running Windows 7 Embedded
  - HP 20" LED LCD widescreen monitors
- Currently in the development phase – anticipated rollout beginning April-May 2012
- Depending on success of this rollout, additional locations may be considered in FY13

## New Maintenance Arrangement

- UTFAB has funded a student employee to deploy and maintain the kiosks
- While the units will “live” in your areas, you will no longer be responsible for maintenance
- Contact us at [kiosk@colostate.edu](mailto:kiosk@colostate.edu)
  - Operational Issues
  - Hardware problems / replacement mice & keyboards

## UTFAB Kiosks

- Questions for you:
  - Are there any issues with the current deployment that may not be addressed by simply replacing the existing SunRay units?
  - Is there demand for additional units today?

## Kiosk Security

- Today the SunRay kiosks do not require authentication
  - This has been problematic for the LSC
- There is a desire to maintain on-campus web access for non-affiliated users
- Steve Lovaas potentially has a solution for this problem which will redirect users to an authentication web page when accessing web sites outside of 129.82.\*.\* using a product already in place in Housing called Safe\*Connect



## Mobile Services

- Randy Miotke

## RamCT Blackboard Transition – Kevin Nolan

- Pilot – spring 2012
- Go live May 14, 2012
  - RamCT no longer used for teaching
- Updated help web site
- Training
  - Hands on, video, documentation
- Trusted sites, pop up blockers
- Java

## Central Services Update – Scott Baily

- Server & Storage Consolidation
- Distributed Development of Universal Applications

## Purchasing

- Farrah Bustamante
- Printer management outsourcing
- Cellular RFP
- PC/laptop RFP

## Licensing – Diane Noren

- Annual License Renewals coming up
  - JMP & JMP Genomics
  - SAS Endnote
  - ESRI
  - Erdas

## Licensing (con't)

- Microsoft Campus Agreement
  - Working on getting Mark Bleakley out for a Licensing update.
  - Date to Be determined
  - Will need updated counts from everyone.
- Apple Apps developer Program
  - Set up for the University

## IS Update – Alan Hill

- HR update
- Web time clock
- Kualii update
- Server migration
- Banner update

NOC  
(Network Operations Center)  
Greg Redder

- No time for pithy jokes...or traffic reports or building upgrade status or WiFi status or ....
- But if there was...I'd mention the following:
  - we did break 2.0G from the Internet
  - 1G upgrades: 555 S. Howes, Central Receiving, Path, UCA, MRB, Painter, LSC, Gibbons, Engr, Alder
  - Wireless: Weber, LSC! More IP space and better allocation!
  - Dual 10G to the Internet!
  - Internet Outages: 0



## Agenda

- Network Operations Policy
- WiFi printers

## Network Operations Policy

- Approved by ITEC.
- Deployed in two ways:
  1. CIC switches installed in MDFs or as part of 10G upgrades.
  2. “VOIP Certification” of a building.
- Collaboration between NOC and Network Mangers
  - Design
  - Installation
  - Troubleshooting
  - Monitoring

## WiFi printers

- Considerations:
  - Not really designed for enterprise use
    - Most are 2.4GHz only – this frequency is crowded already
    - Make “poor” channel choices like “2” or “4”!  
(Remember: only 1, 6 and 11 are valid.)
    - No authentication: Device passwords only and no pre-shared key support
    - No encryption
    - Run in ad-hoc mode (contradiction to Security Policy)

## WiFi printers

- Possible solutions:
  - Wired printers
  - Share off a print server or wired computer
  - Other ideas?

## Security – Steve Lovaas

- Remote Desktop vulnerability
- Password policy
- New firewall for E7
- NAC for some parts of campus network
- Symantec renewal
- Risk Assessment
- Secure remote network access  
(Cisco VPN, SSL gateway)