Hey, I found a parking space!
Agenda

• IS – Josh Clark
• Central Systems – James Cizek
• Project Mgt – Dave Hoffman
• Licensing – Diane Noren
• Security – Steve Lovaas
• Network / Telecom – Richard Duffy

• Special Guest: Our friends from Apple!
IS Update

Josh Clark

- Banner
- KFS
- HR
ACNS Central Systems

James Cizek

• Research Storage
• LAMP system
Project Management

• Dave Hoffman
Licensing

Microsoft

• EES- Enrollment for Education Solutions
  – CSUs current subscription based model
  – Renews June 30, 2018
  – FTE counts same as spread sheet distributed at IAC
  – Desktop Bundle
    = Office + Windows + Core CALs
  – Enterprise Bundle
    = Office + Windows + Enterprise CALS
  – Office only
  – Core CALs only
Licensing

• Windows Server and System Center
  – Now core based
    
    All physical cores on the server must be licensed, subject to a minimum of 8 core licenses per physical processor and a minimum of 16 core licenses per server.
  
  – 8-2 core packs
  
  – Please get me updated Server counts by end of Month
  
  – a Separate update order for Servers will be added to EES contract.
Licensing

• Adobe Creative Cloud-reminders
  Device Licenses
  – If you are rebuilding Labs and renaming computers
    You must send an email to Diane.Noren@colostate.edu
    1. name of old computer – remove Creative Cloud
    2. name of new computer- Creative cloud is to be installed on
  - Will be working on a new Device license build this week.
Licensing

• SAS- Renews July1
  – Need confirmation of # of SAS licenses for renewal
  – Send counts to Diane.Noren@colostate.edu

• JMP- The Statistics Department is now requiring JMP. They are paying for the Academic license for teaching and research.
  – If JMP is being used to operate the department or improve the Department/University then an Administrative license must be purchased.
RAMtech

• End of Year Purchases
  – Please get the orders in ASAP
  – Most orders 7-10 day turn around

Questions
Security Update

Steve Lovaas
Information Security Officer
Topics

• Duo status
• Compliance
• Student team
Duo Status

• 10,681 users/10,911 devices – not a lot with more than one
• Statistical success
  – 87.9% successful authentications (failures are amplified, and we pursue them)
• Anecdotal success
  – Unsolicited comments: “it’s a lot easier than I thought it would be”
• Devices
  – 53% iOS, 28% Android, 14% landline, 3% other phone
  – 2% hardware tokens (210 of them)
• Next steps
  – Office365 integration being evaluated
  – Working on integration of Pulse/Shibboleth to reduce # of logins
The World of Security/Privacy Compliance

• Federal/Research
  – CUI environment ready to work on populating users & project data
• European Union
  – GDPR working with departments on an inventory of EU data
• Health
  – IPAA formalizing treatment of sites, preparing for audit
• PCI
  – Rolling out BlueFin point-of-sale terminals with end-to-end encryption
Building a Student Security Team

• Some additional state funding becoming available
• Focus on apprenticeship/internship model
• Grad assistants, undergrad hourlies
• Educational development as well as production experience
• Stay tuned for more details
NOC/Telecom
Richard Duffy
(with some help from Rick Branham and Keith Gallegos!)

• Data

• Voice
Data

POE

– Completing in June: Continuing move across campus to turn this off except where needed.

– Conference room phones – need power injector!
Data

Sunday, July 8, 6AM-Noon

• Upgrades in data center to:
  • Data center firewalls
  • Switch infrastructure
  • Code upgrades

• Expect brief interruptions in central services as this work is performed.
Data/Voice

Maintenance/Outages

– Generated from ACNS/Telecom outages page (www.acns.colostate.edu -> "System Status and Current Outages")

– No "Maintenance Completed" messages sent unless maintenance runs over, in which case that's an "Outage"!

– Outages will be announced at start and finish via e-mail. Updates in between will be posted to the status page only.
Voice

 Fixes during pending June upgrade:

• Presence – no, really!
• Direct dial of 911 from phones skipping SIPX servers to improve reliability
Data/Voice
(with help from Rick and Keith)

Helpdesk – trying to run all voice related and data activation requests through HelpDesk to decrease response time and track more efficiently...

For all voice related issues or data/jack activations:

– Call Telecom at 491-5881 for a variety of items including being able to open a helpdesk trouble ticket
– E-mail help@colostate.edu with your "voice" related question
– If you contact telecom staff separately, we'll open a ticket on your behalf.
Data/Voice

Future vision:

- Route all routine NOC/Telecom help requests through helpdesk as opposed to separate numbers/emails/staff
Data/Voice

Finally...

Old Analog Phone Switch "SL-100" - only 6 phone lines going to CSUPD are on this. Otherwise, it's no longer in service!
Finally, finally....

(In honor of Kyle who can't be here..."

Don't move your (all together now....)

"Phones"
NOC
&
Telecommunications

thank you!
Apple

• Updates since November

• Security and Privacy with Apple

• Open topics
See you in the Fall!