Notes

Attendance: Kris Kirmse, Eric Olson, Lane Blanchard, Shawn Lander, Warren Brown
Remote: Dan Cromer, Saira Hasnain, Jeff Capehart, Iain Mofat, Jeff Capehart, Bob Matckie, Ken Sallot, Joe Gasper
Others: Chris Griffin, Eric Benvenuto, Tom Livoti

Deliverable: Ms. Saira Hasnain will return with information from ISO on type of data Yammer is approved for at next SIAC April 3rd 2018.

Shelved: Until June SIAC→ Progress on Enterprise Support for Wireless Displays, Tom Livoti

AGENDA

- **Enterprise Support for Wireless Displays – Chris Griffin and Eric Benvenuto**
  Shawn Lander Enterprise support for various wireless display technologies that depend on devices being on the same wifi subnet (/24)... i.e. airplay, miracast, and chromecast (to name the three biggest).
  Context: we are buying a few Smart 7000 boards and they have native support for those three wireless display protocols... however it doesn't work properly here unless we roll our own WAP for everything to connect to. Connecting across UF-SVC (for the board) and UF/EDUROAM or UF/VISITOR doesn't work and even connecting everything to UF-VISITOR or UF/EDUROAM doesn't work because it is much bigger address space than a /24... probably like a /17.

- **Dropbox Paper – Saira Hasnain**
  Shawn Lander asked for information:is 'Dropbox Paper' a part of the University license. What would it take to get enabled? [https://paper.dropbox.com/](https://paper.dropbox.com/) Several faculty users of Dropbox have seen this and asked why it was turned off.

Quick Topic: Purpose of SIAC vs IT@UF? By Dan Cromer. Different than IT@UF. SIAC is an advisory committee and the size contrast of IT@UF and SIAC are completely different.

**Enterprise Support for Wireless Displays**

Shawn Lander: Wireless displays. In the midst of renovating a couple of conference rooms. His Dean wants wireless display capability. All current tech (wireless) wants devices on the same /24 network. Demo’d a couple of technologies. Smart7000 (7245) series displays, ApplePlay, Miracast, ChromeCast. Trying to settle on a wireless “STANDARD”. Tested Crestron Airmedia and Solstice products. Products that need client installed on user device is an issue. Need native support WiDi, Airplay. Of all the products the Solstice software works the best. The Solstice Pod (hardware) was not good, however.
Eric Benvenuto: There has been a widespread adoption of home devices that are not ready for the enterprise. Built around “link-local” only. Because of enterprise needs and security have to look at possible solutions. It is a matter of scale, service device gateways that allow two hops which can possibly be leveraged. Livoti’s group will test.

Another technology requires the same SSID. This is another issue. Trying to find a ubiquitous solution. Don’t want students to display their content without authorization. Somewhat daunting to test all of the devices that have come out. The technology hasn’t quite matured for the enterprise. Multicast DNS

Chris Griffin: Because of MDNS, if turned on, it would be network chaos. Equipment has MDSN capabilities…but there are security concerns. Per building filtering or potentially per department filtering. Limit of 100 policies limitation on devices. Per user registration is labor intensive. Have to find a list of devices that are approved by ISO. AppleHome has limitation that both devices have to be on the same SSID. ChromeCast...can work...but the problem is to limit ability to only authorized individuals. Significant amount of research and effort…and since the technology is changing...“chasing the solution”. Wanting to hit the 80/20 rule. Pick a solution that satisfies 80 of the solution scope.

We have a generic group of devices Miracast Chromecast that are going to be tested. We will run baseline tests and look at the policies. MDNS policies etc.

Eric Olson: Business has a couple of Solstice devices. Works well for collaborative use case in business. Video isn’t part of this use case. Crestron has the Airmedia 2 which may be worth looking into.

Tom Livoti: We will be testing the different products and getting back to the group.

TIMELINE: Bring up with Tom Livoti June SIAC meeting

Dropbox Paper

Shawn Lander: Had faculty start using Dropbox Paper, which in essence is Google Docs. Recently read article where there is a potential for Dropbox to integrate their iteration with Google Docs.

Saira Hasnain: It is part of the UF Dropbox contract. Simply a matter of switching it on. It is a lot like Google Docs. From a technical and contractual perspective UF has it. Question: Do we want to turn it on now OR wait until Dropbox switches to a new iteration. Will run it by ISO for approval.

Shawn Lander: If little effort is required...please turn it on.

Saira Hasnain: Will turn it on if there are no issues in a couple of weeks. Questions: does the data for Paper reside in the same location as the data for Dropbox. CloudLock security.

***Side Topic UF Exchange Email

Shawn Lander: Exchange 18 server had long queue times today. Submitted ticket and troubleshooted with UFIT.

Saira Hasnain: More monitoring is being placed on the services offered by UFIT so that events similar to this do not occur in the future.