



Enterprise Communications Network VOIP Telecommunications

Statistics Related to the Recent VOIP Deployment:

- 6316 phones are active within the Call Manager System
- As of August 25, 2017 all district campuses have VOIP telephones

New Campus and Renovation Campus VoIP Status:

- Bridgeland HS – August 25-26, 2017, were cutover dates. Campus is at 90% completion due to construction issues at deployment date
- Hoover ES – 100% complete
- Wells ES – 100% complete
- Adam ES – 100% complete
- Bane ES - 100% complete
- Watkins MS is at 90% complete



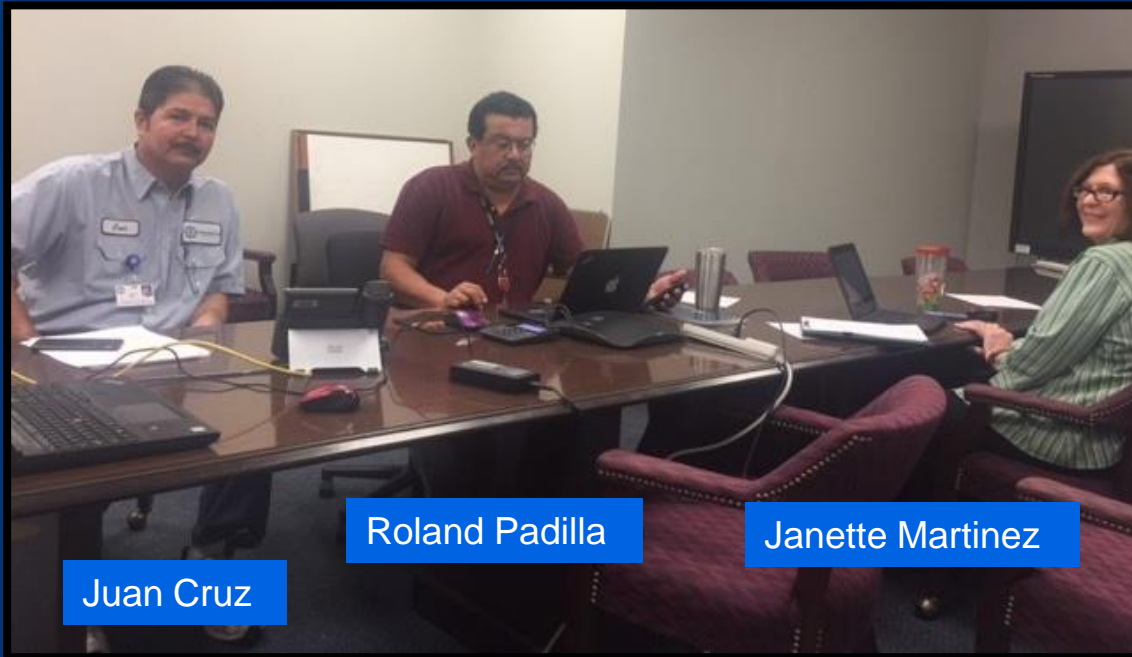


Enterprise Communications Network VOIP Telecommunications

According to David Dietsch, Cisco Network Engineer with Presidio, new initiatives have been put in place regarding VOIP component issues which include, but not limited to, the following:

- The Cisco SRST routers at each campus have been noted as having a hardware issue that may cause equipment failure, ATT and NDS are preparing to ship replacement equipment under RMA agreement.
- POTS (plain old telephone service) to all campuses under review, working with other departments to ascertain specific requirements of various services in use for Fire, Security, Elevator and Aquatic equipment district wide

Below is the first meeting with Juan Cruz of Security Department:





Enterprise Communication Network Security “Panic Button”

Andrew Tran continues to work with **Firetron**, an external vendor, on a Facilities Department initiative as a part of the 2014 Bond. The intent of the “Panic Button” is to increase security inside the schools. **Andrew** worked with Firetron last week to complete the following campuses:

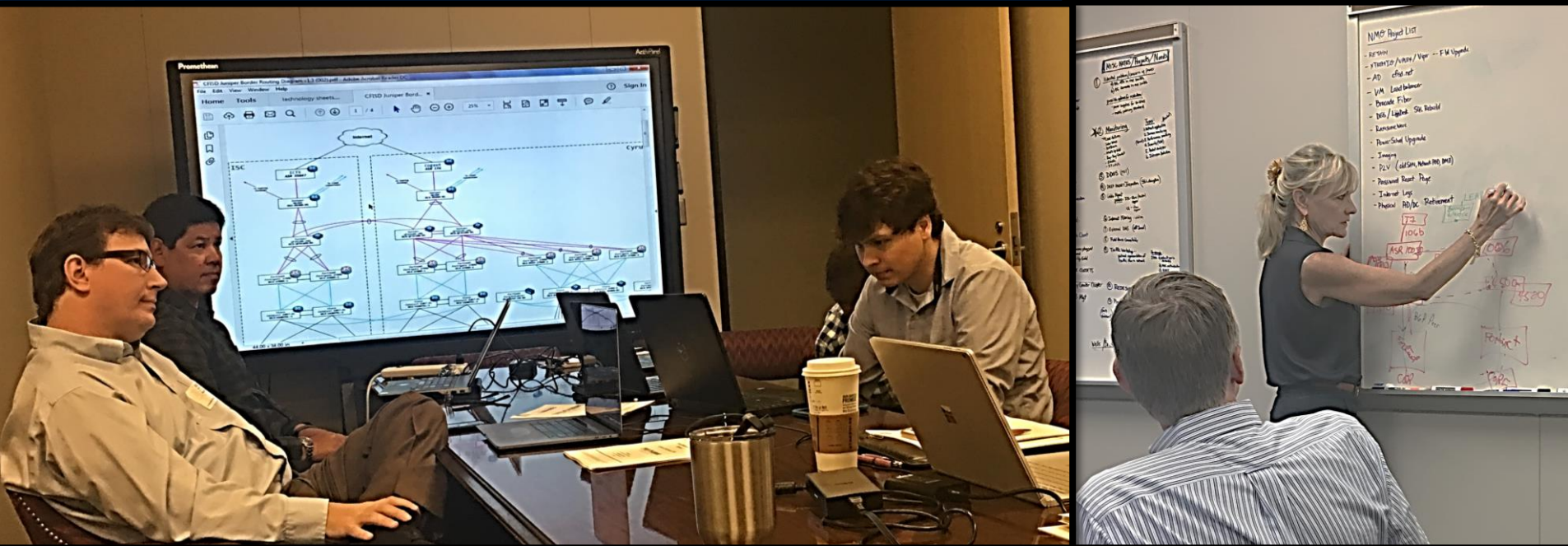
- Hemmenway ES
- MCFee ES
- Jowell ES
- Tipps ES
- Metcalf ES



Telecenter U.
by *Rauland*



Enterprise Communication Network Core Discussion



On **Tuesday, September 19, 2017**, CFISD, Layer 3 Communications, and EPS reviewed and outlined several outstanding core network tasks. The outline includes the following high level initiatives:

- Content Filter
- Strategy Certificate Strategy
- ACE Cisco Loadbalancer Replacement
- SSO
- Fortinet Products: Forti-Analyzer and Forti-Balancer

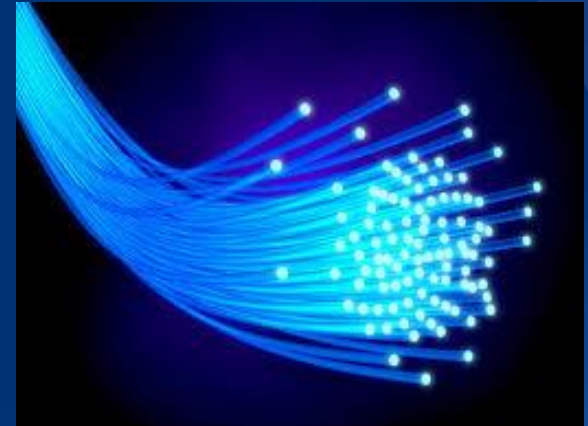


Enterprise Communication Network Fiber Break Outage

On **Tuesday, September 19, 2017**, the ECN team received word that the following applications were not reachable:

- Destiny
- eFinance
- Employee Access Center
- eSchool Plus
- my.cfid.net Portal
- Para Timesheets
- Teacher Access Center
- Home Access Center
- Textbooks

As it turns out, PS Lightwave discovered one strand of broken fiber between Data Center 3 and Data Center 2. The team was able to provide connectivity with a different pair fiber until PS Lightwave was able to repair the broken fiber.





Enterprise Communication Network Wireless Network Status

New Builds/Renovations Wireless Work Remaining:

- **Wells ES**
4 external APs remain to be scheduled
- **Willbern ES**
73 of 74 APs reinstalled
- **Hoover ES**
73 of 77 installed
- **Holmsley ES**
70 of 71 installed
- **Watkins MS**
4 externals remain to be scheduled
- **Bridgeland HS**
Pool, Rooms 4109 and 4110
5 external APs
- **Adam ES**
3 external APs to be scheduled
- **Dean MS**
10 APs to place
- **Bane ES**
2 gym APs (GC approved to mount on soundboard)
1 cafe AP (drop ready for placement)
3 external APs remain to be scheduled

During the Summer of 2017, there was a significant amount of coordination between the Technology Department and the Facilities Department regarding new campuses that were constructed, along with several campuses that were renovated. The information to the left itemizes the minor tasks remaining to complete all wireless work at these campuses.

