



Enterprise Communications Network Network Highlights



Andrew Tran continued to work this past week to test the functionality of the Promethean board and the Classflow Connect device. The vendor is suggesting that CFISD run Apple, Inc. service discovery protocol called Bonjour. This service permits an application to find devices, services, and other computers on a network with minimal configuration. However, **Andrew** is concerned this extra traffic will cause problems on our network and is still working with the vendor to find the best deployment approach.



As CFISD continues to rollout switching infrastructure to campuses, **Oscar Villar** and **Andrew Tran** continue to maintain two core routing environments at DataCenter 3:

- Older existing production CISCO core routers
- Newly deployed production CISCO core routers

A recently discovered Cisco IOS EIGRP routing metrics bug, affecting the newly deployed CFISD core routers, is forcing us to make a major change.

CFISD is currently evaluating three options:

1. Reconfigure all interfaces on all routers in the district with new metrics. (Risky and hard to maintain.)
2. VSS the two 6807 router pairs. (Reduces network fault tolerance.)
3. Change routing protocol from EIGRP to OSPF





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Oscar Villar
Andrew Tran
Roland Padilla
Charles Newton

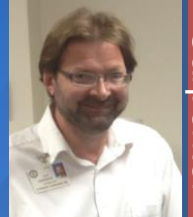
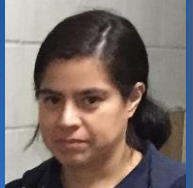


- **Elizabeth Montes** worked with Layer3 to install six additional wireless access points (APs) in the English suite of classrooms at CyFair HS. The wireless coverage is better than ever!



Elizabeth Montes continues to work with HVAC and Climatec for each campus conversion to ensure they have connectivity with the new IP addressing scheme.

- **Elizabeth Montes** requested additional electrical outlets for the MDF/IDF at Arnold MS. **Elizabeth** verified the work order was submitted, met with the electricians and the work is complete. The additional electrical outlets are installed at Arnold MS.



Thomas Hollister
Tony Rogers
Anna Series
Elizabeth Montes
Glen Carpenter



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Gleason elementary school reported an outage at their campus. **Anna Senties** discovered a bad module in the switch and a bad power supply. **Anna** configured and replaced both the bad module and the bad power supply in order to bring the campus back online.



Gleason Tigers



The original Cisco wireless infrastructure is still installed at all elementary campuses and administrative facilities. As an ongoing process, **Anna Senties** continues to work with MCA Communications to replace Cisco wireless access points (APs) as they break. **Anna** is maintaining a graveyard for the old APs located outside of her cubicle. **Anna** will maintain and configure Cisco APs and keep a few ready for production until Technology Services completes the Aruba wireless rollout.

Thomas Hollister continues to work on warranty repairs for a few wireless AP data drops at Woodard ES. Thomas managed to get two of them online this past week.



Woodard Wolves

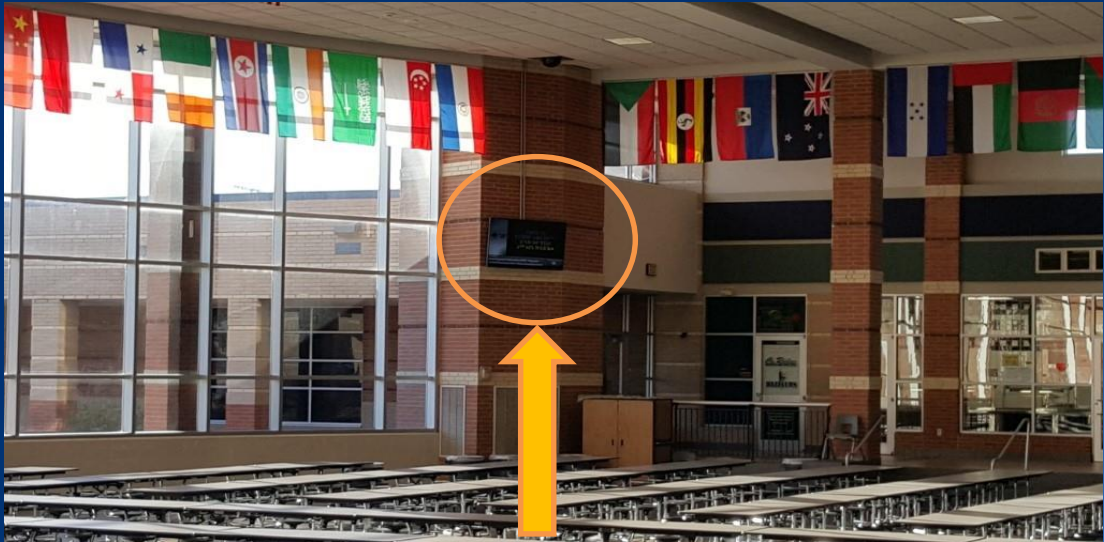


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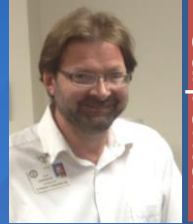
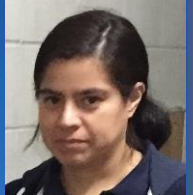
Oscar Villar
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Tony Rogers worked with a Life Skills instructor at Fiest ES in an attempt to provide additional wireless coverage for a special needs student. It is not our policy to deploy additional, older Cisco wireless access points (APs), but **Tony** was able to help this student by installing an older AP until dense deployment has been completed for this campus.



Tony Rogers coordinated the efforts of Thomas Hollister, MCA, Facilities, and CyRidge operations in an attempt to get all monitors online at Cypress Ridge HS. Pictured above is the cafeteria at Cy Ridge. This is the first time these monitors have been successfully in operation.



Thomas Hollister
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Sampson Elementary portables will be housing Cypress Park administrative team until the campus is ready for tenants. **Roland Padilla** has completed the activation of telephone numbers, voice mail, and long distance services for the staff located at this temporary location.



Roland Padilla worked to reconfigure Mediacast and correct channel lineups after recent power outage. Once this appliance loses power, the converter boxes default to channel 2 and the appliance must be reset.