



Enterprise Communication Networks Operational Highlights



During the 2017-2018 school year, the CFISD network provided daily connectivity for 116,000 students plus 15,000 full-time staff and 2,000 part-time staff. With over 130,000 users at CFISD, there are more users than the current population of many US cities. (For example, Waco, TX has a population of approximately 125,000 people.)

Network security has become increasingly important as more critical applications are added to and communicate across the network. Two recent high profile network threats are the Spectre and Meltdown processor vulnerabilities.

On Friday afternoon and in to the evening on **July 6, 2018**, **Oscar Villar** upgraded the BlueCat DHCP/DNS (Dynamic Host Configuration Protocol / Domain Name Service) infrastructure used by Cypress-Fairbanks ISD's network. In addition to the software upgrades, he applied software patches which provide greater stability and higher security, including protection against the Spectre and Meltdown vulnerabilities.



Oscar Villar