

CyberSecurity

School districts across the nation have seen rising levels of Cybersecurity threats. As a district, FCSD#2 has taken every precaution available to protect our students and staff from these threats. We know that the best defense is a proactive offense. This year we have completely overhauled our Cybersecurity System and implemented multiple industry-leading security products.

Here is an overview of the security solutions FCSD#2 has installed to protect our equipment, data, and the personal safety of our students and staff:

Intercept X - Finally a way to protect from Ransomware. Ransomware is when criminal enterprises encrypt your files and then demand a hefty fee to get your data back. Intercept X allows for machines to not only stop Ransomware but also to unlock the encryption to the original state without paying the Ransom.

<https://secure2.sophos.com/en-us/medialibrary/Gated%20Assets/white%20papers/sophosransomwareprotectionwpna.pdf?la=en>

XG UTM (Unified Threat Management/Firewall) - UTM is a device that stops attacks at the edge of your network with the ability to block unfriendly countries and known criminal sites. UTM's have replaced the standard firewall in today's environment. A regular firewall does not have intelligence that can determine if a site is a threat. The UTM stops attacks that steal student data and other information from the district that is used for financial gain or personal information to locate students. This is the first line of defense, and the flagship of any defense system for a district. <https://www.sophos.com/en-us/medialibrary/pdfs/factsheets/sophos-xg-series-appliances-brna.pdf?la=en>

Cloud Email Protection - Blocks spam and viruses from email. This allows us to both stop attacks and filter our email to receive only what we really need to see (no junk mail). <https://www.sophos.com/en-us/medialibrary/PDFs/factsheets/sophos-email-dsna.pdf?la=en>

Cloud Endpoint Protection - Computer, Tablet, Phone protection. Classified as standard Anti-Virus endpoint protection. However, this particular protection is much more than the standard protection. It works in conjunction with all of the other solutions listed as a unified threat protection solution. <https://www.sophos.com/en-us/products/endpoint-antivirus.aspx>

Cloud Server Protection - Server protection as part of a unified protection solution. <https://www.sophos.com/en-us/medialibrary/PDFs/factsheets/sophos-cloud-server-protection-dsna.pdf?la=en>