Kern Community College District

IT Security Services

Firewall: The district provides a firewall at the network edge to filter traffic to/from the Internet. The firewall can allow specific traffic to/from servers at the district office and the campuses. The district updates the firewall periodically with signatures for known attack traffic and malicious sites.

Anti-Virus: The district provides licensing for Trend Anti-Virus. Staff at each campus manage their own servers for Trend AV but assistance is available from the district as needed.

Security Awareness: The district provides security awareness training including in-person training, online training (in development, targeted for Fall 2017), and supplemental videos and handouts.

Security Monitoring: The district contracts with SecureWorks for security monitoring services. SecureWorks generates tickets based on firewall alerts, anti-virus alerts, and Active Directory logs.

Incident Response: The district contracts with SecureWorks for incident response services.   The district also has computer forensic capabilities and can assist the campuses in triaging security incidents and responding to minor incidents that do not warrant contacting SecureWorks for full incident response.

DoS Protection: The district contracts with Incapsula to provide protection against denial of service attacks. Incapsula filters serves as the initial point of contact for visitors to protected websites and relays legitimate traffic back to the KCCD network. The district also has an F5 anti-DDoS appliance on in the district office datacenter to filter traffic.

Vulnerability Scanning: The district scans district and campus servers for vulnerabilities and misconfigurations using the Tenable's Nessus scanning software.

Single Sign-On: The district provides single sign-on for district and campus websites to authenticate to Active Directory.