

# General Project Information

## Upgrade of Wireless Access Points and Controllers

Project: Technology Infrastructure

Project Description: Replacement of network access switches, upgrade of wireless access points and controllers, network security infrastructure, and server lifecycle and growth

Project Priority: 1

Background & Justification: The main objective of this initiative is to maintain a robust Wi-Fi environment that is built around the classroom. This means that older access points need to be replaced support the student digital learning experience in each classroom. The new access points will continue to allow Katy ISD to provide a robust Wi-Fi connection from the classroom for both District and student-owned devices. This reliable and high speed access will provide for the increasing demand of connectivity for students to access digital resources such as online assessment, multimedia content, animations, multiple languages, webinars, and collaboration. The Wi-Fi connectivity continues to increase both in use and in the growth of the District. Katy ISD currently supports more than 50,000 concurrent Wi-Fi users. Access Points have a 5-year lifespan.

