

# **TUHSD Information Technology Assessment & Cost Estimate**

June 18, 2021

## **Description & Assessment:**

The technology infrastructure across all campuses in the TamalpaisUHSD should be modernized to support current and emerging technologies, as well as to increase security services. Network performance today is impacted by aging fiber optic cabling, and many MDF and IDF locations are not ideal for supporting modern networking equipment. Due to the fast-paced evolution of wireless technology, the existing wireless network will need to be replaced in 4-5 years, to keep pace with new client devices and the increase in network traffic. The campuses are monitored today with an IP-based security camera system; however, there should be more cameras installed in order to provide sufficient coverage, and the existing cameras will need to be replaced in 4-5 years.

The proposed technology improvements would cover the following areas:

- Replacement of aging fiber optic cabling to meet newer standards.
- Optimization of MDFs and IDFs (locations; equipment; backup power; etc.)
- Modernization of networking equipment (both wired and wireless)
- Improvements to campus security (IP camera system; keyless entry; ID badging; etc.)

## **Cost Estimate:**

An estimate of the cost involved to address these areas would be in the range of \$10M-12M.