

To: Board of Education

From: Jerri Kemble, assistant superintendent, educational programs & technology, ext. 2755
Jennifer Fessenden, supervisor, technology, ext. 2201

Re: Purchase of Upgraded Hardware & Licensing – High School Wireless Infrastructure

Date: June 22, 2017

Background:

In the fall of 2014, USD 497 established Meraki access points and Cloud Controller as the standard hardware/software management solution to support wireless device access to network resources and the internet. The Board of Education approved the high schools moving to a 1:1 MacBook environment in the fall of 2017.

Rationale:

Since board approval of the purchase of MacBooks to support a 1:1 environment at the high schools, the Technology Services Department has been investigating the wireless capabilities and testing possible solutions to improve wireless functionality. The department entered into a proof of concept with Cisco/Meraki to test new models of wireless access points and switches. It has been determined that the upgrade will improve functionality. We have received quotes through Alexander Open Systems (AOS) to purchase the hardware that is on site for the proof of concept, additional wireless access points and switches to support both high schools, and the five-year licensing agreements for all. The hardware that will be removed from the high schools can be repurposed throughout the district.

Recommendation:

Administration recommends the purchase of additional wireless access points, switches and Cloud Controller 5 Year Licenses from Alexander Open Systems in an amount not to exceed \$677,591.48 to be paid out of Capital Outlay Technology funds.

Motion:

"I move the Board of Education purchase additional wireless access points, switches and Cloud Controller licenses from Alexander Open Systems in an amount not to exceed \$677,591.48."