

Oak Park USD Switch Refresh FAQs - updated 3/28/2016

1) How many switches will be installed at each site (locations = separate IDF's).

HS: 18 switches in 13 locations

MS: 11 switches in 7 locations

BES: 10 switches in 5 locations

OHES: 10 switches in 9 locations

ROES: 8 switches in 6 locations

DO/OVHS: 3 switches in 3 location

Six of the above switches are relocations of existing switches from one IDF to a different one, the remainder are swaps of new switches are old ones.

2) Are all requested switches edge switches or will some be used as a core switch as well.

All new switches are going to be edge switches. (District has fairly new Cisco 4500 series core switches in place at every site).

3) Does the district have any L3 requirements for the switches?

No, these switches are all edge switches utilizing L2.

4) If the requested switches will be used as the core what is the telco handoff?

Bandwidth, fiber, copper etc

Not Applicable

5) What is the districts topology and what is the connection between the sites?

Five school sites have a 1Gb fiber line to the district office. Each Site including the the District office has a Cisco Core switch (4500 series Catalyst). All sites have fiber run from MDF to each IDF. After switch swap out, there will be a 3850X class stack master in each IDF.

6) Is a routing protocol required? If so what is used? OSPF, EIGRP?

Routing protocol used by district is EIGRP but will not be pertinent to the classroom switch upgrade project which is limited to L2.

7) Will all work be completed during regular M-F hours 8-5?

Yes all work will be completed during regular hours M-F and 8-5 during the district's summer break. All installation and configuration needs to be completed between July 1 and July 29th. s