



MINOOKA

COMMUNITY HIGH SCHOOL

District #111 mchs.net

*Mission: Strengthen **M**astery, **C**ollaboration, **H**igh Expectations, and **S**uccess for All Students.*

James Kelly
Director of Technology

Date: 12/06/2024

To: Board of Education
Dr. Robert Schiffbauer

RE: Scale DataCenter Replacement Proposal

Five years ago, MCHS transitioned its data center to Scale Computing, virtualizing hosted servers and essential services. This data center supports critical operations such as DNS, DHCP, printing, and door access control, all of which are integral to the school's daily functionality.

As outlined in the MCHS Technology Plan, we evaluate our data center's capabilities every four years to ensure timely replacement before the hardware and software warranty expires. The current warranty lifecycle is set to end in Spring 2025, completing a five-year cycle. Once this lifecycle expires, the system will no longer receive critical security updates and hardware failures will not be covered, posing a significant risk of prolonged downtime.

To remain proactive, we have developed a plan to replace the existing Scale data center with a new, upgraded system. This replacement will include a five-year hardware and software warranty, ensuring continued reliability and security. The lead time for procurement and installation is approximately 4-6 weeks, with no anticipated disruptions to daily operations during the transition.

- Scale Data Center
 - o Central Campus Cluster
 - 3 HC1350 Nodes
 - 192GB RAM
 - 20.88 TBu
 - 81.6 GHz (48 threads)
 - o South Campus Cluster
 - 3 HC1350 Nodes
 - 192GB RAM
 - 20.88 TBu
 - 81.6 GHz (48 Threads)

The total project cost of \$123,304 with financing from American Capital at \$33,284 per year over 4 payments. The installation of this project will take place in March 2025.

If the foregoing is acceptable to the Board of Education, the following would be an appropriate motion
“Motion to approve Scale Datacenter proposal for the Minooka Community High School”