



# Technology Report

December 2023

2400 MASON EAGLES DR.  
ERIE, MI 48133  
ERIE.MASON.K12.MI.US

## Projects:

Projects	Next Step	Next Milestone Dates
E-Rate Filing	Prep narrative (wifi extension and/or batteries)	11/30/23
Lego League	Competition	12/2/23
PA/Camera Expansion	Prep Public Announcement Bid Document	12/11/23
Dell Azure Stack HCI	Environment Data Export	12/31/23
CTE Cert Prep & Orders	Order cert prep materials and project for Sem. 2	12/31/23

## Additional Project Details:

- **E-Rate Filing** – LMTC is preparing a joint bid for batteries. We have already notified them of our interest in being a participating district. The wireless extension will be posted Dec/Jan.
- **Lego League (Robotics)** – We have 1 meeting left before the competition on Dec. 2. The students have moved to the final stage of programming their robot and working on the missions. The 99h grant was submitted for \$13,200 funding request.
- **PA/Camera Expansion** – I have the bid specs prepared for the Public Announcement system. I will be working on finalizing the language for the posting in the next couple of weeks. I have confirmed with the vendor in the tri-state area, that if they were awarded the bid they would be able to perform the installation in the summer of 2024. I will be working on getting pricing for the camera system once the posting for the PA has been completed.
- **Dell Azure Stack HCI** – I met with Dell Technologies, and we also completed the second phase of data gathering from our 4 main servers. The next phase will be spec'ing out a solution and potentially involving a reseller. This project will require a bid; therefore, I have a question out to Dell regarding involving a third-party too early.
- **CTE** – The confirmation of our 61c funding came in. This year's 61c funding allocation is \$44,380. That added to the 61a funding of \$29,195.68 brings my CTE program's funding total to: **\$73,575.68.**

## Building Summaries:

**Central Elementary School** – An adjustment was made to the Kindergarten iPad account. If an issue persists, I can lock the account down further. I want to make sure ease of use for that grade level. I ran through a reprogram sequence for the elementary's bell system after the district brown out that happened this past month. The bells appeared to start working again after this. I will monitor to see if support needs to be made on the hardware itself.



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**Mason Middle School** – I volunteered as a FIRST crew member for their competition to allow the science teacher mentors to focus on the team during competition. The team performed well, placing 18 out of 36 for their first time out.

**Mason High School** – Sent the approved PO to American Heating & Cooling to install a new air conditioning unit in my CTE classroom. The work is scheduled to be completed on January 15 since there is no school scheduled on that day.

## District Information, Ed Tech, and Various:

- **Updates** – EZ Routing made a change to their SFTP access for busing. I coordinated the transfer through the Lenawee-Monroe Technology Consortium. The change is ready for the Jan. 1 cut-over at our end. Our Synology camera system was updated to the newest DSM.
- **Fixed Assets Review** – reviewed the fixed asset list sent by the business office regarding tech equipment that has been retired or is currently being utilized.
- **LOA & 479** – I updated the student count numbers as submitted by the business office in the USAC site.
- **Security** – this past month I launched the virtual server NetDisco to help monitor internal clients on the network (providing more visibility within our internal network). Additionally, I was asked to present the platform at the Monroe Tech Director’s meeting on 11/14.
- **SLGCP Grant** – I worked with the superintendent to fill out a SLGCP grant surrounding cyber security. The first round of the grant (2022) won’t be as large as subsequent distributions (which is why I wanted to be sure to get signed up straightaway).
- **Statewide PowerShell Coding Group** – I was asked to be a member of the Statewide PowerShell Coding group. Our first virtual meeting is slated for 12/11.
- **Phone Server** – An upgrade was made to 8.0.1 to our phone server on 11/25. I tested both inbound, outbound, and SIP trunks. I spot tested 3 phones and everything is operating as normal.

## Orders:

- **Interactive Displays** – Order has been released and confirmed by vendor. The displays should be in within the next couple of weeks.
- **Azure Commit Funding** – Upon upgrading our internal infrastructure to more cloud-based security and management, I will need to update our Azure pre-paid funding since the traffic is about double for ingress/egress. The total commit dollars will move from \$1301.88 to \$2000 (knowing that a small amount may be billable in Dec./Jan.). I don’t want to overcommit this since those funds expire upon the yearly licensing cycle.

## Hour Report/Tickets:

- **Ticket Standings** (as of 11/25/23): We closed 62 tickets and there are currently 2 open tickets in technology. October ended with 109 closed tickets as we experienced an uptick after the monthly report was sent.