

January 2025–District Technology Update

January Update

January has been a busy month. We have pushed a few projects to the “ongoing” list and have made progress on others. I am still trying to find an intercom system that will fit our needs and current infrastructure. I am in the process of using some of the COPS grant that Superintendent Miller acquired to purchase updated camera hardware. We also are getting close to having internet on the soccer field.

Intercom research has been less fruitful than I had imagined. I am having trouble finding what I have pictured in my head. I am working with a few different vendors and reaching out to a few other facilities (not just schools) to gauge what our options really are. I am no expert in intercoms but have learned a lot so far in the process and feel we should be able to acquire a system that will work for both buildings in the future. Our ideal intercom will be IP based, have two-way speakers in each room, and have the capability for delivering one button emergency messages.

Our current camera system is an in-house CCTV/NVR (Network Video Recorder). We have an NVR in each building that currently supports 16 cameras. I am currently in the process of purchasing two 32 camera NVRs, one for each building, and an expanded 16 cameras for each building. These cameras will work with the cameras we already have to give us 32 at each building. I have been working with Principal Brown and Superintendent Miller on camera placements and where we would like them, and we have come up with some good options that will give us full perimeter coverage as well as continuing and possibly expanding in building coverage.

Point-to-point system hardware has arrived and should be installed by the end of February. This means we will have internet (and the possibility to have security cameras) down at the soccer field. This has been a project I have really wanted to get done and just haven’t had the time. This year I moved it up the priority list as I feel it is much overdue at this point.

Finally, the PC repair group has been doing a fantastic job of keeping my smaller work orders under control. Some of the more confident students have even stepped up to help when they are just in a class and someone, sometimes even the teacher, needs help. I am very happy with the progress and ability of these students and hope to keep growing on this skill set for them the rest of the year.

Projects

- Intercom research
- Security expansion
- Point-to-point for internet at Soccer field

Ongoing Projects

- Inventory
- Documentation
- Digitize 2CJ Tech Handbook
- PC Repair group
- E-Rate
- Microsoft 365 implementation