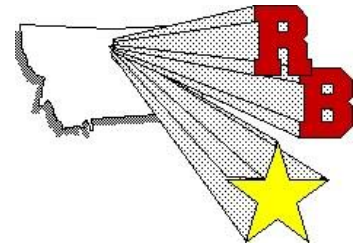


Technology Department

December 10, 2018

IT Director – Robert Parker



In the last month IT has been upgrading desktops on winbooks in preparation for WIDA testing which began this week. Testing will continue until the end of January. So far everything has gone smooth, IT has not been made aware of any issues with WIDA and the winbooks.

IT has spent a lot of time testing a mobile Wi-Fi system for the buses. Unfortunately not all tests had good results. We are still doing some final tests on bandwidth. But the likely conclusion is this, while the mobile Wi-Fi does have coverage across the majority of the reservation, the issue is throughput. When testing with a full bus of students, each with an iPad, website performance and online app performance was terrible. It was bad enough that we had to abort those tests as the loading times were just too long. However, for casual, light usage by a handful of students, the performance was quite good. We have spoken to Kajeet about our testing and they have told of they are doing some reconfigurations to our trial device and would like us to continue testing.

IT has also been evaluating camera systems to replace our current system in the JH/HS. After considering many factors, IT is recommending the quote from Innovative Living Group (Brian Jenkins) or alternatively the Northwest Security (Casey Jones) quote. The quote by Innovative Living Group is most likely closer to what the final cost will be but both quotes will likely need to be increased a bit as we underestimated the number of cameras needed for full coverage of the district, both interior and exterior. Furthermore, the system by Innovative Living Group has a cloud console that allows remote access to the entire system, which allows easy management by the IT dept. as well as easy access by the police dept. The system proposed by Northwest Security does come with an app to view remotely but management of the cameras can only be done onsite at the district. However, Northwest Security is the company that installed our current camera system and our current door security system and there is a benefit to synergizing the camera system and door security system.

On December 6, IT met with both Hill County Sheriff and members of the Tribal Police Dept. Brian Jenkins has a full report on this meeting which will be submitted along with this report.

Also taking place on December 6, IT held an onsite training for the elementary staff on Nearpod, an interactive piece of software that allows teachers to create lessons that engage students through interactive quizzes, virtual reality field trips, and can be made to integrate with our Office 365 tenant.

“Every Student Everyday!”