

## **Middle School Network**

We've received the OK on a few rooms to install wireless. One additional wireless access point and the printer/copier are now online at the school. Possibly during Monday/Tuesday of Thanksgiving week a few more will be installed in rooms but we're still dealing trying to support our 2500 remote users which has been very time consuming limiting when we can get to the installation projects. We may be looking forward to the Christmas break when teachers and learners take their two week break.

## **Internet For Students -**

At this time, we currently have 523 Verizon Jet Packs distributed to students. Each Jet Pack costs the district \$40.01 per month or \$1.33 per day for unlimited data service. We have some jet packs issued to buildings that we can tell have not been used with zero data and will get those numbers to the buildings so they can call and find out why the jet packs are not being used.

The monthly run rate for the 523 Jet Packs is \$20,925. For comparison to the internet costs for the buildings in the district, our cost is \$1304 per month pre-erate and reduces to \$130.40 after our e-rate discount is applied. This is \$43.47 per day (pre-erate) and just 1.7 cents per user per day - just a little over the cost of just one Jet Pack for the month.

## **Wireless Network**

The new access points paid partially for by e-rate are in progress of being installed with one building complete. It will take some time to hit all locales in the district. When complete the district will be ready with the latest WiFi6 standard which allows us to handle more devices and traffic for our network needs. We are anticipating to get several mounted over the upcoming Christmas holiday break when teachers and students are on holiday.

## **iPads -**

All iPads have been distributed to students. Hooray!

## **E-Rate 2021-22**

Yes it is yet again that time to jump the regulatory nightmare of e-rate and see what dollars the district can apply for. The most obvious will be the renewal of our Category 1 services which is our internet and WAN connections. The internet will be put out to bid as the impending sale of the 3 Rivers exchange to Siyeh may adversely affect our internet costs. We are encouraging the internet portion of the exchange to be delayed being transferred to Siyeh until June 30, 2021. If the internet assets are transferred earlier, Siyeh will be bound to honor the 3 Rivers pricing however we will lose our discount as Siyeh was a) not the carrier awarded the bid from e-rate for 2020-21 and b) Siyeh does not have a SPIN number from

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USAC (the division that administers E-rate for the FCC) and therefore ineligible for receiving reimbursements. It will also make them ineligible to bid on our internet services for 2020-21 until such time as they do their part to become a qualified E-rate provider by obtaining their SPIN number and other regulatory requirements. No, BPS cannot help them with that process as it breaks the rules and could jeopardize any Erate funding we hoped to apply for.

In Category 2 which is considered internal connections and includes switches, wireless equipment and physical wiring, we will be putting into our applications to rewire the Vina, KW, BES and portions of the Napi buildings. Most of the wiring in these buildings was installed in the late 90's, early 00's and is in desperate need of being upgraded to current standards to handle today's networking needs.