

Technology Board Report - September 2024

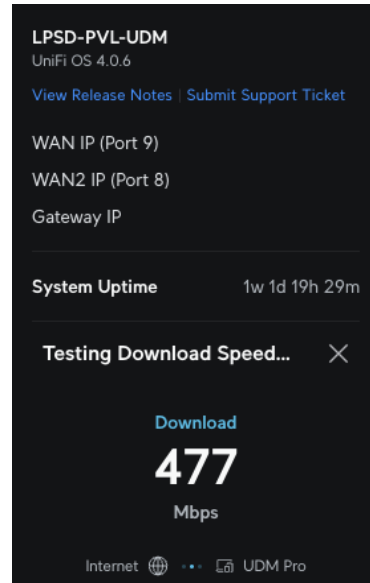
Sam Rigby

E-Rate - Our new internet service contracts for FY25 began on 7/1. All installs and upgrades were completed by 7/1, except for Chignik Lake. Weather conditions and shipping issues delayed Microcom from completing the Lake's installation until 8/19.

The Microcom service has consistently met or exceeded our expectations at all eight schools. Their solution has proven to be fast and reliable. While the quality of installation at a few locations did not meet our expectations, I am working with Microcom to rectify these issues and they have no immediate effect on performance.



Microcom Starlink Terminal Pair



Speedtest from Perryville

Our two OneWeb connections through SES (DRS) continue to meet expectations. However, it's important to note that Starlink has consistently outperformed OneWeb. With lower latency, comparable uptime, and an exponentially lower cost, Starlink is our best internet service provider at this time.

We are committed to ensuring that our students have access to robust and reliable bandwidth at each school. We are monitoring three additional ISP projects that we anticipate will be available in our region in the coming years: [Project Kuiper](#), the [Aurora Satellite System](#), and the [SALMONet](#) project.

Network Upgrades - Our school networks were designed and installed over a decade ago and have required periodic upgrades as technology advances and bandwidth demand increases. Upgrading from 25 to 200mbps+ connections and changing internet providers have required the most significant network upgrades to date. E-Rate category two funding significantly reduces the cost of network upgrades.

Travel

- Sam
 - August - PTA, NON, KHK (*LAG rescheduled for September due to weather cancellation*)
 - September - NON, IGI, LAG
- Schyler
 - August - PVL, LAK, LEV
 - Sep/Oct - PTH, NEW