

Featuring Cradlepoint
and Verkada

Case Study

EAGLE GROVE COMMUNITY SCHOOL DISTRICT

Improving bus security with
Cradlepoint routers and Verkada
security cameras for better video
and internet access.

Eagle Grove Schools

Eagle Grove Community Schools are located in Eagle Grove, Iowa.

After discovering issues in their current security system, Eagle Grove decided to bring Verkada security cameras and Cradlepoint routers on their buses to improve internet and video access, resulting in a better mobile solution.



2021 Enrollment

Eagle Grove Community Schools 2021 enrollment was 1,008 students.



11 Buses Redesigned

Eagle Grove Community Schools added the solution to 11 buses.



Hardware Requirements

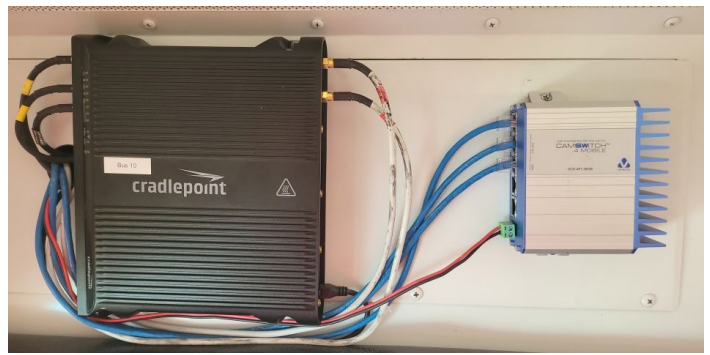
Each bus required two Verkada CD 51 indoor dome cameras, one Verkada CD 41 outdoor camera, and an IBR 1700 Cradlepoint Router.

The Challenge

The Eagle Grove Community School District (EGCSD) placed cameras on their buses a few years ago but struggled with how difficult it was to view the video. A Micro SD card had to be removed from the individual systems and then placed in an SD Converter on a specific PC in order to view the video with a specific piece of software. If a high school student had an incident with a middle school student on the bus, the card had to be pulled and then the laptop had to be moved to each building for each administrator to see the video. It could be downloaded, but the video was never as clear as on the software,



and often the download process was a pain. With no live view, it was nearly impossible for the school district to tell if they were receiving the correct coverage. Focusing the camera was just as difficult as viewing the footage. Along with these challenges, the buses are mobile and didn't always have internet access, so video storage had to be local.



Before they came up with this solution, Eagle Grove CSD was using Verkada cameras in their schools and Cradlepoint routers on their buses, so they were familiar with both solutions separately. All it took was putting two and two together and realizing that combining these solutions would solve their current problem.

An Easy Fix

According to Lance Lennon, Technology Coordinator, "There are a couple of benefits to this solution. We have live video when our buses are on the road to see what is going on inside them as well as what the road conditions are like from the outside camera. The Cradlepoint routers also allow us to Geo Locate the buses if we need to."

The Solution

CRADLEPOINT ROUTERS

Connect beyond wired networks leveraging LTE & 5G

Cradlepoint's NetCloud Service provides enterprise capabilities such as:

- Centralized endpoint management with visual analytics
- 24x7 support
- On-demand training with Cradlepoint University

VERKADA CAMERAS

Video security made smart, scalable, and simple to use

Verkada's indoor and outdoor cameras provide cloud accessibility, with benefits like:

- Bandwidth-ready (20-50 Kpbs per camera)
- Zero training required to access footage and features
- 10-year warranty through Verkada

The Results

By combining Verkada cameras and Cradlepoint routers, Lance Lennon and Eagle Grove Community Schools solved the problems they faced previously by simplifying the process of viewing and storing video from their buses.

Both Cradlepoint and Verkada use cloud-managed solutions, resulting in easy and remote management for the IT department and school administrators. They can now share live footage via SMS and email as well as receive alerts if cameras fall offline unexpectedly.

