

SUCCESS STORY

SCHOOL DISTRICT (K-12): INFRASTRUCTURE AS A SERVICE (IAAS)



OUR STREAMLINED SOLUTION HAS RESULTED IN A MORE COST EFFECTIVE AND EFFICIENT WAY TO ENSURE THE SAFETY OF THEIR STUDENTS.

This city-operated school district caters to active learners to improve their skills with the help of a highly trained professional teaching staff.

The school district, made up of fifteen public schools, is using technology to streamline its services and address some of the challenges that are facing other educational facilities.

THEIR CHALLENGE

While the school district was overwhelmed with the success of the bus contractor, a recent audit showed that they were non-compliant with the Family Education Rights and Privacy Act (FERPA).

Since the bus contractor's software application was running on-premise on the district's system server, the bus contractor did not have the rights under FERPA to access any student information, including bus schedules.

Only the school principal was able to access the information, which caused delays, errors and stress for the students and parents.

THEIR SOLUTION

When it comes to the transportation of their students, safety always comes first. Because of this, the school district opted to work with a local bus contractor that provides safe and elective student transportation solutions.

The bus contractor uses a proprietary software platform that sends information from each bus, route and driver to enhance student safety. Each bus has a report of student loading and unloading, vehicle tracking, digital cameras and wi-fi.

OUR SOLUTION

After a meeting with the superintendent, transportation manager, school principals, IT director and the bus contractor, a decision was made to simply move the application to virtual infrastructure and allow remote access to all vital members through a secure, layered connection. Not only would this allow the school district to remain compliant under FERPA, they would also be able to continue working with the bus contractor that had proven valuable to their students and parents.

Through remote access, the transportation manager and school principals would have visibility to the school bus schedules, while the bus contractor would be able to manage them. By simply moving the application to the cloud and enabling two factor authentication for remote access, the IT director would be able to remove the access restrictions in place when the application was on-premise.

IMPLEMENTATION

Engineers were able to manage a smooth migration of their on-premise scheduling application to IaaS with no service interruptions. Once the remote access authentications were complete, the migration of the schedule application from the school district's server to the cloud was complete - with no downtime.

The IT director is now able to manage access to the application in the cloud and allow the bus contractor to provide real-time updates through their application. Not only does this ensure compliance with FERPA regulations, this streamlined solution has also resulted in a more cost effective and efficient way to ensure the safety of their students.

THEIR RESULTS

- Achievement of FERPA compliance
- Removal of barriers to access bus scheduling application
- Continued service with bus contractor
- Remote access to scheduling application through IaaS