



Case Study: King Philip Regional School District



Summary: The data center at King Philip Regional School District in Norfolk, MA, was expected to be available 100% of the time for the 2,100 students and 300 staff members in the district. The data center hardware refresh cycle demanded over \$150,000 every 5 years just to stay current with ever-increasing application requirements.

Challenges: The school district had an aging server farm and a large pending backup device renewal. Due to the nature of the school education system, the environment and the software is constantly changing. This proved a challenge. Virtualization and server operating system licensing was also a burden to maintain and optimize the investment.

Solution: WCA's cloud-based infrastructure solution changed the way this school district operated. WCA moved the district's applications to the cloud via a secure VPN tunnel to maximize CPU, RAM, and storage with minimal bandwidth and 100% SLA. The environment was migrated VM by VM into a testing model to confirm performance before going live. They were provided both daily SAN replication snapshots and a remote backup strategy for additional security and to eliminate costly in-house backup appliances. WCA senior-level engineers were available to support the environment as an extension of the school's IT support team.

Benefits: Moving the applications to the cloud provided a more cost-effective and efficient way to ensure application delivery and budgeting, removing costly upgrade cycles and capital expenditures, providing more efficient project planning flexibility and allowing for better utilization of resources. This move eliminated the cost and maintenance of virtualization, server OS and hardware warranty and support. It also allowed the school system to pay only for what is needed versus projecting 3 to 5 year future requirements.

Customer Testimonial: "With no need to manage the underlying hardware and software, this workload has been completely removed from me, freeing up valuable work hours." - Director of Technology at King Philip

Industry

K-12 Education
Norfolk, MA

Environment

- 2,100 Students, 300 Staff
- Available data center 24x7

Challenges

- Aging equipment
- Licensing optimization
- Back-up and recovery

Solution

- Moved computing resources to cloud
- Maintained a hybrid server for essential IT functions
- Implemented a SAN replication snapshot and remote backup strategy
- 100% service leveled agreement