



# Empowering Education Through Technology

The significance of digital infrastructure in education extends beyond providing access to technology. It involves leveraging technology to transform administrative processes, support educators, and create opportunities for enhanced learning experiences. Accessibility, adaptability, and security are crucial considerations for successful digital infrastructure upgrades in K-12 schools.

## Education Did You Know's?

### Current Landscape

While progress has been made, with 67% of K-12 schools meeting required bandwidth, approximately 23 million students still lack sufficient digital infrastructure. Choosing the right solution amid technological advancements is a challenge.

### Leading Trends in K-12 Schools

Amid declining academic results and increased teacher-student strain, there's a call for personalized approaches to education. Technology, if supported by robust digital infrastructure, can play a key role in meeting these evolving needs.

### Current Challenges

Insufficient digital infrastructure contributes to system failures during critical moments, hindering student engagement. Cost constraints, budget limitations, and security concerns further complicate the integration of technology in schools.

### Roeing's Role

Collaboration with Managed Service Providers (MSPs) like Roeing IT Solutions is crucial. With 44 years of experience, Roeing IT Solutions offers not only digital infrastructure solutions but also insights into utilizing technology for additional benefits, including enhanced on-campus security.

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## Vital Considerations

### Clear Purpose

Technology investments must align with educational goals and student engagement.

### Funding Programs

Leveraging initiatives like the E-Rate program can provide funding and discounts for digital infrastructure upgrades.

### Networking Understanding

A comprehensive understanding of network usage, future-proofing, and hardware replacement cycles is essential.



## Roeing IT Solution's Expertise with RUCKUS:

Roeing IT Solutions, an Elite RUCKUS Partner, brings expertise in implementing RUCKUS networking solutions tailored for K-12 schools. Three success stories demonstrate improved school connectivity and performance.

### SAT Success

Seamless connectivity for over 210 students during SATs, showcasing versatility for various educational activities.

### Network Upgrade Success

Comprehensive diagnosis and tailored RUCKUS networking solution led to swift and reliable wireless connectivity.

### Network Troubleshooting Success

Identifying and resolving issues post-network upgrade, ensuring promised benefits for the school.

*Check out this report we were featured in!*



Roeing IT Solutions is not just a technology provider; we're a partner committed to the success of your educational institution. Custom solutions complement and enhance your existing technology staff, ensuring the success of the technology deployed in your school. To learn how the Roeing IT Solutions and RUCKUS team can help support your school, **connect with Roeing at [www.roeing.com](http://www.roeing.com) or call us at (765) 474-5402.**

