With the migration to a digital curriculum, now is the time for a next-generation infrastructure that builds on advances in virtualization and automation to deliver greater agility, cost savings and enhanced security.

Transforming the School District Network

School districts are rushing to embrace the latest technologies and service-delivery mechanisms (virtualization, cloud, everything-as-a-service), but they are being hamstrung by an outdated, manually maintained, "pre-cloud" school district network architecture. School district networks are reaching a breaking point.

KEY TRENDS

Nemertes Research estimates that virtually all organizations are using some form of SaaS and that more than half deploying it in 2015.1

The default architecture in most firms is "hybrid, mixed-services cloud."

THERE ARE NO SIGNS THAT THIS PUSH TO THE CLOUD WILL DIMINISH ANY TIME SOON

At the same time, there has been a fundamental shift in the applications that school districts are using. School districts are investing in new types of cloud services including education learning management systems, student information systems, collaborative learning applications and cloud-based IT services. A key characteristic of these apps is that they require an extremely high-quality and reliable network infrastructure.

Amid all these changes is the specter of a steadily worsening threat landscape. The types of attacks have proliferated, and the consequences have expanded, with disruptions to digital learning, reputations of breached school districts damaged and incurring costly remediation. All of which apply continuing pressure to maintain regulatory compliance.

WHAT’S NEEDED

A next-generation infrastructure that builds on virtualization and automation to deliver:

- Greater Agility and Scale
- Cost Savings
- Enhanced Security
- Improved Agility and Flexibility
- Scalability and Capacity
- Security

JUNIPER NETWORKS’ UNITE ARCHITECTURE POWERS AND SECURES THE CLOUD-ENABLED SCHOOL DISTRICT—ALL THROUGH A SINGLE POINT OF MANAGEMENT

Juniper Unite provides a simplified, automated and secure architecture that includes:

- Junos® Fusion Enterprise, virtually collapses the entire school district network into a single managed platform
- Junos® Space Network Director, enhanced to centralize network control and automation

THE PAYOFF FOR DIGITAL LEARNING

- Lower Operational Cost
- Improved Agility and Flexibility
- Scalability and Capacity
- Security

Learn more by visiting www.juniper.net/unite

1 "Re-Architecting the Enterprise: The Time Is Now," Nemertes Research, 2015