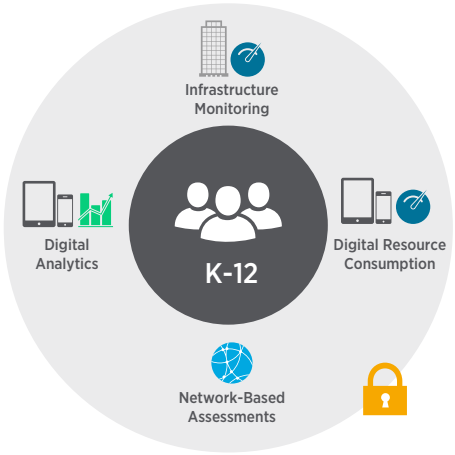
SPLUNK® FOR K-12

Increase infrastructure uptime while supporting student performance

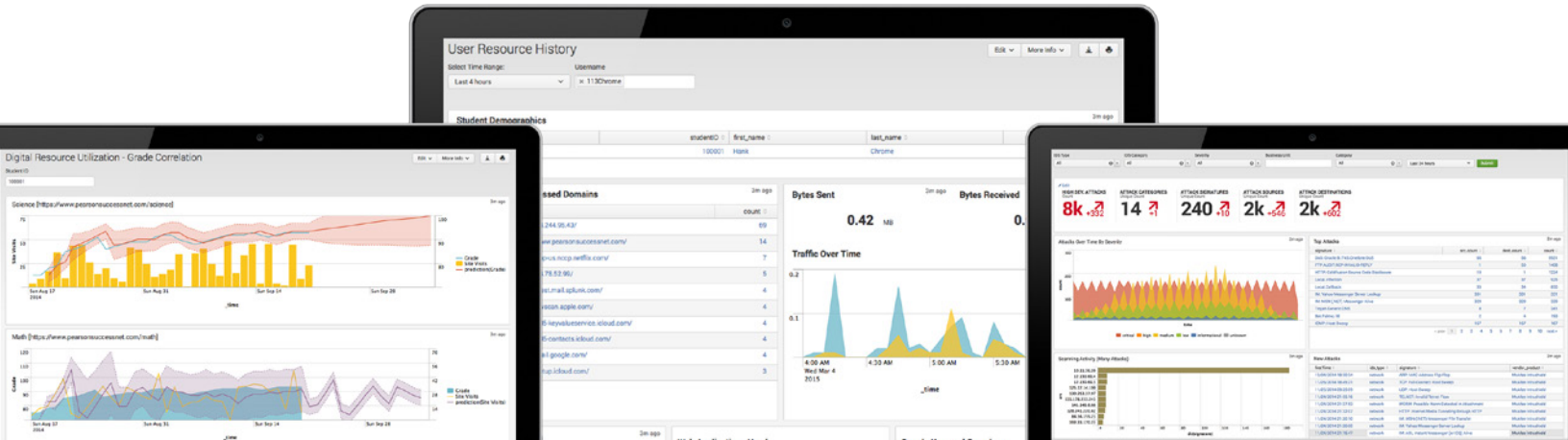
- **Reduce data silos** and gain visibility into network performance
- **Understand trends** across students and schools to justify investment and identify successful digital teaching techniques
- **Improve uptime** with minimal impact on existing infrastructure



K-12 IT organizations and school districts are resource challenged from both a personnel and technology perspective. Every day they struggle to meet the demands of government regulations, students, teachers and parents. School districts and their IT organizations must also ensure that the infrastructure guarantees delivery, supporting Common Core. The data created by the IT systems in K-12 school districts can provide immense value in addressing infrastructure issues, understanding resource consumption and even identifying trends across school districts that result in student success.

Splunk products collect and visualize machine data from systems used by K-12 organizations, including IT infrastructure, firewalls, network appliances and more. Hidden in this machine data are the insights needed to provide performance reporting and analytics, helping K-12 IT organizations to:

- **Collect and visualize data** from several systems to understand device usage, including frequency of access to digital course materials and textbooks
- **Create reports and dashboards;** compare PARCC, SBAC or ACT Aspire scores between schools, districts and states; determine how digital efforts impact scores
- **Ensure proper infrastructure** to support a 1:1 computing effort



Infrastructure Monitoring	Digital Resource Consumption	Network-Based Assessments	Digital Analytics

Splunk for K-12

Infrastructure Monitoring

By monitoring the machine data from your IT infrastructure, IT administrators can understand if the infrastructure is being utilized properly, gain insights that help ensure infrastructure uptime and receive alerts when issues occur. Splunk products do not rely on a relational database backend and run on commodity hardware or in the cloud, so the impact to existing infrastructure is minimal.

Digital Resource Consumption

As school districts invest in digital education products, such as digital access websites to augment classes, it's challenging to understand total usage and how that impacts student performance. Splunk software breaks down data silos and supports correlations across data types, giving administrators insights into digital resource consumption and the ability to identify any correlations between resource usage and student success.

Network-Based Assessments

Meeting Common Core requirements and supporting tests over networks is imperative to reducing costs and identifying if additional infrastructure is needed at a particular school. Splunk enables IT administrators to track connectivity to minimize network downtime and ensure that school networks are meeting expectations.

Digital Analytics

Identifying digital tools and techniques that have a tangible impact on student performance can be difficult and nearly impossible at the school district level. By collecting the data generated by your infrastructure and correlating it with student grade data, administrators can identify schools with successful students and evaluate the tools and techniques used by that school to replicate them across the district. Tracking the success of students after implementing the new techniques can help optimize student performance.

Meeting Common Core requirements and supporting tests over networks is imperative to reducing costs and identifying if additional infrastructure is needed at a particular school. Splunk enables IT administrators to track connectivity to minimize network downtime and ensure that school networks are meeting expectations.

The Splunk solution for K-12 sits on top of our enterprise platform. Splunk Professional Services will work with each customer to identify the appropriate data sources required to meet your needs. Contact sales to get started today!

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