

# WHAT TO KNOW ABOUT CYBERSECURITY & EDUCATION

44%



A recent survey of nearly 500 education IT professionals found that 44% said their institution was hit by ransomware in 2020, with 58% of those saying that cyber criminals succeeded in encrypting their data.<sup>1</sup>

2x

Ransomware attacks against U.S. colleges and universities doubled between 2019 and 2020.<sup>2</sup>

86%



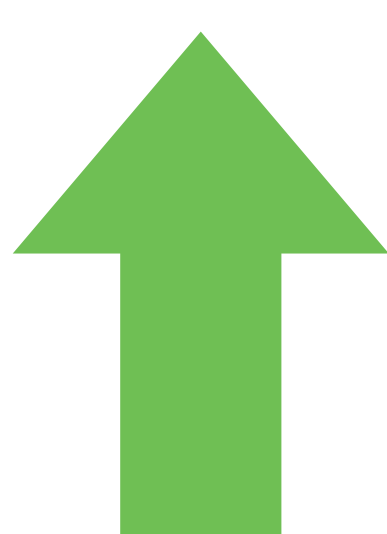
The number of cybersecurity incidents aimed at K-12 school systems could jump by 86% in the coming academic year.<sup>3</sup>

68%



Schools that paid ransom only got back 68% of their data on average, while the 55% of institutions that said they had strong backups were more successful at retrieving their data.<sup>1</sup>

\$2.73M



Attacks against education had the highest cost of recovery after factoring in downtime, repairs and lost opportunities. On average, educational institutions lost \$2.73 million per ransomware incident – nearly \$300,000 more than distributors and transportation companies, the next-highest sector.

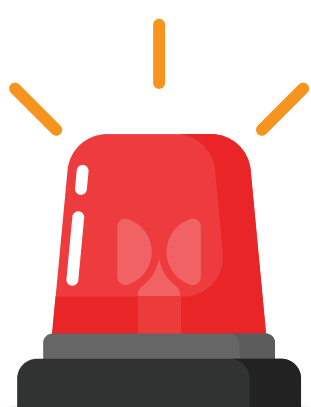


86% of respondents said they had the tools and knowledge to investigate suspicious network activity, but possessing tools is only one part of the defense.<sup>1</sup>



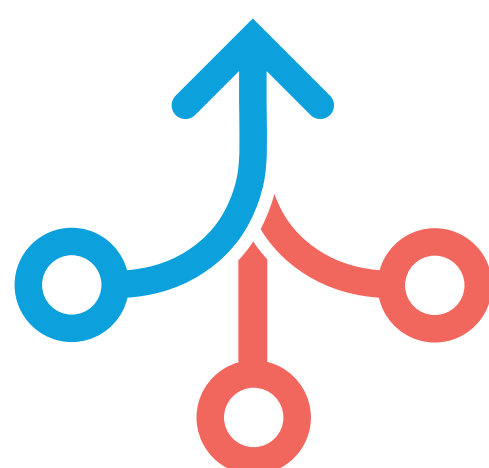
\$172.75M

Education organizations get \$172.75 billion under American Rescue Plan, which can be used also for cybersecurity and broadband improvements. Funding for education institutions needs to be used by September 30, 2023



## No education entity is safe

Sierra College had some systems shut down during finals week. Newhall School District's 10 elementary schools went a week without online school during the pandemic. And UC San Francisco paid a \$1.14 million ransom.



## One vendor beats many

At Duke University, minimizing information security risks comes from 'harmonized' systems instead of fragmented services across hundreds of providers, which supposedly helped them avoid the high-profile SolarWinds cyberattack that hit some schools.



## Recovery is long & painful

The Judson ISD ransomware attack knocked out much of the district's tech assets – including phone systems, email accounts and Wi-Fi networks – for nearly a month.

## Why TPx?



We solve the biggest education IT challenges – cybersecurity, collaboration and communication – under one umbrella



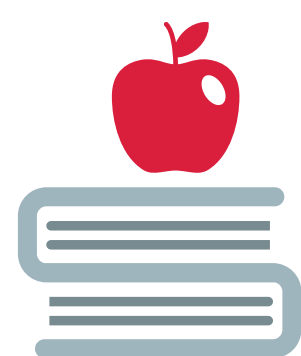
We're on the NASPO vendor list, which for SLED organizations makes buying from us a breeze



We have the IT solutions, staff, and experience necessary to do it effectively and within your budget



120+ certifications across 60+ categories such as CompTIA, Cisco, SilverPeak, Fortinet, AWS, SMC and more



Trusted by our 650+ education customers



We help modernize your IT and communications, while minimizing your risk from cyber threats



With 23,000 customers across 50,000+ locations, we're big enough to get the job done while small enough to be agile



You can customize – different service levels, mix 'n match solutions – to best suit your needs; we know one size doesn't fit all

When it comes to cybersecurity, inaction can be costly. Talk to a TPx specialist to see how we can help.

Learn more at [tpx.com/cybersecurity](https://tpx.com/cybersecurity)



<sup>1</sup> Sophos <sup>2</sup> BlueVoyant <sup>3</sup> Center for Internet Security