

# Transform Security with Dell Technologies

## K-12 Cybersecurity and Campus Safety Best Practices



**122**

The number of cyberattacks carried out against U.S. K-12 schools in 2018\*



A U.S. school district falls victim to a cyberattack every

**3 days**\*



**Over 90%**

of cyberattacks start with phishing, the practice of sending emails that entice users to share information or click on links that install malicious software\*\*

Schools and students are at risk today. K-12 IT staff must work together with administrators, students, teachers, and parents to stop network breaches and prevent malware while also protecting students and teachers from physical threats to the classroom.

[Learn More >](#)

### Add Digital Literacy to Curriculum

Dell Technologies has a team of K-12 strategists and campus safety experts with industry background and expertise to help build a comprehensive plan to support digital literacy and campus safety.

[Meet our Experts >](#)



**DELL**Technologies



Dell Technologies helps K-12 organizations address these challenges through security solutions that protect people and the data and infrastructure districts rely on in today's open digital and physical environments. We help today's school districts transform security by following ten best practices:

### Assess and Plan

- 1 Conduct a security risk assessment to identify gaps and weaknesses.
- 2 Establish a comprehensive plan to gain continuous visibility across endpoints and networks.
- 3 Adopt a cybersecurity framework to manage risk to systems, assets, data and capabilities.

### Ensure Digital Best Practices

- 4 Consolidate resources to limit complexities and redundancies from the varying security solutions in your ecosystem.
- 5 Build a culture of security awareness for all those involved, including training for IT staff, educators, school administrators, students and parents.
- 6 Maintain good technology hygiene, including encryption, patching and multi-factor authentication (2FA), and enforcement of password management protocols.
- 7 Create firewalls across endpoints, networks and applications.
- 8 Continually monitor networks using an automated and unified solution.

### Ensure Physical Best Practices

- 9 Develop a campus safety plan based on identified problems and risk to ensure an effective approach to prevention and physical threat response.
- 10 Leverage tools and technology to drive successful outcomes from campus safety programs.