



Cyber Threats to Schools & Municipalities

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Dellicker's delivery partners include Candoris Technologies, and KnowBe4.

Contact us today for a free cybersecurity assessment:
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Prepared by Simra Ahmed

Ransomware

With so many operations online, technology users must stay informed about the most likely types of cyber-attacks. This flyer discusses ransomware.

What is ransomware?

Ransomware is a form of malware that locks a user's systems and encrypts the user's files. To get them back, the victim is prompted to send the hacker a specific amount of money, often in untraceable cryptocurrency.

Who are the perpetrators?

Any cybercriminal with the intent of making money can have a motive to install ransomware on a victim's device. Often, ransomware attacks come from overseas criminal organizations. They are very sophisticated, difficult to track, and sneaky about tricking people into compromising their data.

How prevalent is ransomware?

According to the FBI, there were about 2,500 reported incidents of ransomware in 2020. That's about 10% of all data breaches today.

How bad is it?

Ransomware can completely shut down schools and businesses. The range of loss resulting from ransomware attacks can now routinely exceed \$1 million. If victims do not comply, they risk having their information leaked and sold by the hacker, making matters even worse.

What can we do to protect our schools and municipalities?

Schools should keep their operating systems up to date, refrain from opening questionable links, avoid downloading items from untrusted websites, and back up their devices. Schools and municipalities should also take the initiative and learn about potential cyber-attacks.

Source: "RANSOMWARE 101," Cybersecurity and Infrastructure Security Agency

Source: "Increase in PYSA Ransomware Targeting Ed. Institutions," FBI Cyber Division, Mar 16, 2021

Source: "2020 Internet Crime Report," FBI Internet Crime Complaint Center, March 17th, 2021

Source: "2021 Data Breach Investigations Report," Verizon, May 13, 2021

Contact Dellicker Strategies:

8766 Bittners Ct, Lehigh Valley, PA 18053 | P: 484-788-1221 | E: info@dellicker.com | www.dellicker.com