

CleanINTERNET[®] FOR K-12

Intelligence Powered Cybersecurity

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CENTRIPETAL

REVOLUTIONIZING CYBERSECURITY FOR K-12

Amid the formidable challenges already faced by our educational institutions, a relentless wave of cyberthreats further compounds the burden, endangering the personal data of both students and faculty. These threats have the potential to compromise the very essence of the school's mission.

Although cyber threats are not exclusive to K-12 institutions, certain characteristics of these attacks underscore the vulnerabilities unique to schools and school districts. Ransomware scams, data breaches, and hacktivism are increasingly targeting educational institutions, and most schools find themselves ill-equipped to manage the aftermath of a significant cyberattack.

Ransomware

The school's data is encrypted and/or extracted and held for ransom by the hacker

Hacktivism

The school is a target of a politically or social ly motivated attack

Data Breach

Data is exfiltrated from the schools systems, exposing sensitive, personal and private information

Phishing

Using email, text message or other links to trick user into visiting a site or downloading malicious content

K-12 VULNERABILITIES

The education sector stands out as a lucrative target for cybercriminals due to a convergence of factors, including high-risk behaviors, limited security budgets, and the abundance of highly personal information that can be exploited in various ways.

The K-12 sector, with its vulnerable student population, demands heightened attention from the cybersecurity industry to fortify defenses against malicious actors. In 2021 alone, nearly 1400 data breaches were publicly disclosed in U.S. schools, hinting that the actual number could be significantly higher. The financial toll of recovering from such attacks can be staggering, exerting profound implications on a school's budget.



CleanINTERNET® FOR YOUR SCHOOL

Centripetal's CleanINTERNET® solution introduces a distinctive approach finely tuned to the unique needs of K-12 institutions. Harnessing real-time threat intelligence from a global network, Centripetal offers visibility into potential threats long before they can impact the network. This technology acts as a shield, safeguarding the network against any malicious activity.

CleanINTERNET® is an intelligence-powered security solution using high performance computing technology, patented software algorithms and uniquely skilled security analysts to deliver a robust alternative protection strategy at significantly lower cost. CleanINTERNET® presents an alternative approach to cybersecurity, putting threat intelligence at the forefront, moving from reactive to proactive defense, and helping security teams be more efficient and effective.



Given the inherently open nature of school networks, catering to large numbers of students and faculty daily, the risk of malware attacks is heightened.

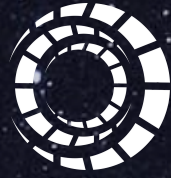
However, with the appropriate shielding technology, it becomes possible to eliminate the majority of threats and mitigate the impact of any malicious code that may infiltrate. Shielding technology facilitates the blocking of malicious network attempts from known infrastructure, prevents outbound activity to malicious domains, and eliminates vast amounts of reconnaissance traffic that has no legitimate place on the school's network.

By implementing CleanINTERNET®, schools can swiftly enhance their cyber defense without incurring substantial costs or expanding their cyber analyst teams. This solution significantly reduces the number of observed security events, allowing stretched IT teams to concentrate on delivering school services with confidence.

ABOUT CENTRIPETAL

Centripetal, the global leader in intelligence powered cybersecurity, is operationalizing the world's largest collection of threat intelligence, in real-time, to protect organizations from every known cyberthreat through its innovative patented technologies.

The company's CleanINTERNET® service delivers the only proactive approach to intelligence powered cybersecurity, leveraging the latest computing technology and skilled operations intelligence analysts, at dramatically lower cost.



GET STARTED TODAY

For more information on protecting your enterprise using real time threat intelligence please contact us via email or your Centripetal partner.

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