Cybersecurity in the Education Sector

OVERVIEW

The Education Sector, whether private or public, faces a series of crucial challenges. The rapid technological evolution has posed the need to integrate digital tools and innovative methodologies into teaching processes to keep up with the changing demands of the job market. Disparities in access to technology and connectivity have highlighted educational gaps, representing a challenge to ensure equitable and accessible education for all. Likewise, digitization is also highlighting the growth of the attack surface, thereby increasing the chances of experiencing a cyber incident.

CHALLENGES

Issues of bullying in the school environment or access to mobile phones and tablets in classrooms mark some of the challenges faced by the sector in the social sphere, adding to other challenges related to internal security, such as data theft, information manipulation, fraud, or disruption of supply chains. Online learning is growing rapidly, and students are also an attractive target for cybercriminals, as they are often more susceptible to scams and malware.

SOLUTIONS

NIS2, National Security Frameworks, and Data Protection Acts/GDPR are some of the laws and regulations affecting the sector. Zerolynx designs, implements, maintains, and operates comprehensive cybersecurity plans based on the six areas of NIST (Govern, Identify, Protect, Detect, Respond, and Recover).
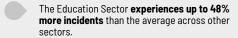
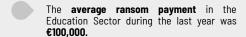## BENEFITS

Identification and Detection

Through our cyber intelligence and ethical hacking services, we offer a comprehensive solution, monitoring, detecting, and reporting various risks, such as exposed confidential data or severe vulnerabilities, ensuring the security of infrastructure and sensitive data.

Protection and Response

Our cybersecurity and DFIR (Digital Forensics and Incident Response) services safeguard your institution's attack surface, mitigate and respond to any threat, minimizing the impact on public services.

KEY FIGURES

- The Education Sector **experiences up to 48% more incidents** than the average across other sectors.

- The **average ransom payment** in the Education Sector during the last year was **€100,000.**

- Following the forced digitization **due to the Covid-19 pandemic**, the **sector** has seen a **300% increase in cyber incidents**.

"Zerolynx has helped us for several years to raise our cybersecurity levels, with various tasks related to vulnerability assessment, designing improvement plans, and supplying cybersecurity technologies. Zerolynx is a highly recommended partner for any security needs."

Juan José Nombela
Global CISO of Grupo Proeduca (UNIR)

TOP REFERENCES