Cybersecurity in the **Pharmaceutical** Sector

⊕ OVERVIEW

Pharmaceutical companies collect and process a vast amount of sensitive health data, coupled with their powerful know-how (clinical trials, patents, manufacturing processes, etc.), extensive international distribution, and stringent regulations. This necessitates unparalleled protection and compliance requirements.

🔍 CHALLENGES

The industrial equipment in manufacturing chains is beginning to become obsolete. Their long amortization periods force pharmaceutical companies to extend their useful life, maintaining industrial control systems (ICS), SCADAs, HMIs, PLCs, sensors, and other operational technology (OT) assets without support and vulnerable to threats already addressed like Wannacry. The growing interconnection, expansion of IIoT, and overall sector digitization are exposing pharmaceutical companies to new security breaches. Additionally, storage media, backup, and incident response plans are key elements for a sector whose value lies in managed information.

💡 SOLUTIONS

As critical infrastructure, pharmaceutical companies are heavily regulated and required to implement high security measures. NIS2, which regulates pharmaceuticals as an essential sector, GDPR, and ENS are some of the regulations affecting the sector. Zerolynx designs, implements, maintains, and operates comprehensive cybersecurity plans based on the six functions of NIST (Governance, Identification, Protection, Detection, Response, and Recovery).

📊 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 pharmaceutical sector experiences **6% of all cyberattacks globally.**

● Cyberattacks on the pharmaceutical sector have **increased by 30% in the past year**.

● During the last year, **2 out of every 3 pharmaceutical** companies affected by **ransomware** have paid ransoms to the criminals.

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"Zerolynx has helped us increase our security levels by evaluating our processes and defining various action plans. They have also provided support on multiple projects related to Ethical Hacking, Cyber Intelligence, and Incident Response. Undoubtedly, a trusted provider to delegate any cybersecurity need".

Sergio Cadierno Solachi
Engineering Manager
i+Med Sociedad Cooperativa

TOP REFERENCES

PharmaMar   **GSK**   i+Med