innova SOLUTIONS™

Vulnerability Remediation & Management for Life Sciences

Vulnerability Remediation & Management - A high Priority for Life Sciences

Cybersecurity investments have been focused on tools and technology to support vulnerability identification, while remediation of an ever-increasing number of identified vulnerabilities has lagged. Challenges exist in managing the growing complexity of a large number servers, endpoints and applications.

Why are Life Sciences a Target?

The life sciences industry has been moving towards increased digitalization, with more and more information available digitally. In 2021, the pharmaceuticals sector reported the third highest average cost of a data breach among all industries, behind healthcare and financial services.

Patient Data

Medical identity theft can be committed using the personal health information of clinical trial participants, including medical histories, test findings, and biometric data.

The number of patient records impacted had nearly **tripled** in just one year, jumping **from 5.5 million breached records in 2017 to about 15 million in 2018.**

Intellectual Property

Theft of intellectual property, including drug formulations and related papers, as a result of cyber attacks, might jeopardize years of expensive research.

In December 2020, the European Medicines Agency (EMA) announced that it had been subject to a cyber-attack. During the breach, **some documents relating to the Pfizer/BioNTech vaccine had been unlawfully accessed.**

Ransomware

Operations can be held hostage for a ransom disrupting research, manufacturing, supply chain and Sales activities leading to loss of revenue and reputation.

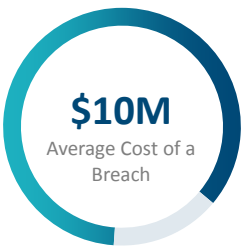
In 2017, a malware caused **$870m worth of damage to Merck**.* It disrupted production of vaccines and lost potential sales of $410Mn.

Sources: *https://www.pharmaceutical-technology.com/features/pharma-cyber-attacks/*
https://www2.deloitte.com/br/en/pages/life-sciences-and-healthcare/articles/ciberseguranca-setor-life-science-health-care.html

IT organizations are spread thin, with only **38 percent** of organizations stating their security teams were sufficiently staffed to meet their security management needs.

Unpatched vulnerabilities remain the most prominent attack vector used by ransomware groups

Source: CSW, Cyware, and Ivanti Ransomware Spotlight Year End 2021 Report



33% of all data breaches stemmed from unpatched vulnerabilities

In 2022 it took an average of 207 days to identify the breach and 70 days to contain the breach. The 277-day average in 2022 means that if a breach occurred on January 1, it would take until October 4 of that year to identify and contain the breach.

***Sources:** *https://www.pharmaceutical-technology.com/features/pharma-cyber-attacks/*
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Innova Solutions VR&M Services

Vulnerability Assessments	Vulnerability Remediation	Vulnerability Management COE	Vulnerability Management as a Service
Monitor	Prioritize	People	Prioritization-focused vulnerability management providing continuous Assessment and Remediation. Delivering comprehensive coverage, continual visibility, risk-based assessment, and integral remediation of vulnerabilities and misconfigurations.
Analyze	Assign	Process	
Identify	Research Remediation Methods	Tools & Technology	
Report	Design & Test	Performance Management	
	Communicate		
	Remediate		
	Review Process		

Innova Edge

Pay as you use shared services, SaaS model leads to ROI improvements ›

100% Comprehensive threat management ›

80-90% adaptive, controls and continuous improvements ›

DevsecOps: 3X Coverage with 40-60% less costs ›

Extensive security compliance

Our Technolgy Partners

Microsoft Solutions Partner · aws · Google Cloud Partner · salesforce PARTNER · IBM Silver Partner · UiPath Partner · snowflake

Our Global Footprint and Delivery Capabilities

ISO 9001 · ISO 27001 · bsi ISO/IEC 27001 Information Security Management · ISO 13485 · HITRUST CSF Certified · SOC II TYPE II · HIPAA HITECH Compliant · PCI DSS · CCPA · GDPR

25	$3 B	50,000	1,100
Years in IT Service	In Revenue	Professionals	Clients

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About Innova Solutions

Founded in 1998 and headquartered in Atlanta, Georgia, Innova Solutions employs approximately 50,000 professionals worldwide and reports an annual revenue approaching $3 Billion. Through our global delivery centers across North America, Asia, and Europe, we deliver strategic technology and business transformation solutions to our clients, enabling them to operate as leaders within their fields.

Talk to our experts to learn how we can help you maximize returns from your technology investments.
Contact us at info@innovasolutions.com

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