A Pulse on the State of Cybersecurity in Healthcare

Threats and Dangers in Healthcare Today

The healthcare industry is one of the most highly targeted sectors for cyber criminals, seeing an average of 1,999 attacks per organization, per day in 2024.[1] This trend is likely to continue as cybersecurity professionals within healthcare have not adapted their security infrastructure to match the ever-evolving cyber threat landscape.

With AI at the forefront of growing cyber threat sophistication and tactics, healthcare's often outdated infrastructure makes them a prime target. These outdated and vulnerable systems pose a danger to patient privacy, safety, and trust in the healthcare ecosystem to protect and safeguard sensitive information, and its financial future.

92%
of healthcare organizations experienced a cyberattack within the past 12 months[2]

~11%
of total ransomware attacks focused on healthcare[1]

$9.77M
the average cost of a data breach within healthcare, making it the highest cost per breach of all industries[3]

67%
of healthcare organizations were victims of ransomware attacks in 2024[4]

180%
increase in attacks exploiting healthcare security vulnerabilities from 2023-2024[5]

$2.57M
is the average recovery cost of a ransomware attack on healthcare – doubling since 2021[4]

Learn how to reduce risk for your organization

How Connection Can Help

Connection is your partner for modern infrastructure and cybersecurity solutions and services. From hardware and software to consulting and customized solutions, we're leading the way in infrastructure modernization.

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Sources:
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2. ProofPoint, 2024 Healthcare Cybersecurity Benchmarking Report
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4. Verizon, 2024 Data Breach Investigations Report
5. Sophos, The State of Ransomware in Healthcare 2024

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