

What's Next for Healthcare Security?

Shielding Critical Infrastructure from
Ransomware in 2025



Critical Numbers

- + Healthcare ransomware attacks up **144% YoY**
- + Average downtime: **15 days** (Sophos, DSCI 2025)
- + Downtime isn't just digital, it's **life-impacting**



Pain Points

- + IoMT = Massive, hard-to-secure attack surface
- + Privacy breaches now trigger fines and lawsuits
- + Many backdoors come through third-party vendors

SME Insight :

Hospitals need to treat cybersecurity like patient safety, risk doesn't sleep.

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Strategy 1

Zero Trust for Life-Saving Devices

- + Enforce strict access controls on ventilators, infusion pumps, and monitors
- + Isolate critical devices from the general hospital network



Strategy 2

24/7 SOC With AI Detection

- + Deploy round-the-clock monitoring with AI-driven alerts
- + Focus on anomaly detection during low-staff periods



Strategy 3

Regulatory Compliance Automation

- + Map and monitor HIPAA, PDPB, and local healthcare data rules
- + Shift from audit-mode to always-on compliance



Compliance Without Compromise

Our HIPAA audit was scheduled right after a ransomware attempt. Thanks to Briskinfosec's automated compliance monitoring, we passed with zero findings while our competitors struggled with breach notifications and regulatory penalties.

— Chief Compliance Officer, HealthCare

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What's Next

Digital trust = Clinical safety.
It's time to secure both.



Contact our experts for a
Ransomware Readiness
consultation.



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