

Leveraging ChatGPT and Microsoft Security Stack To Strengthen Security for a Leading Medical Manufacturer

▀ Case Study





Overview

Implementing systems for better security and efficiency

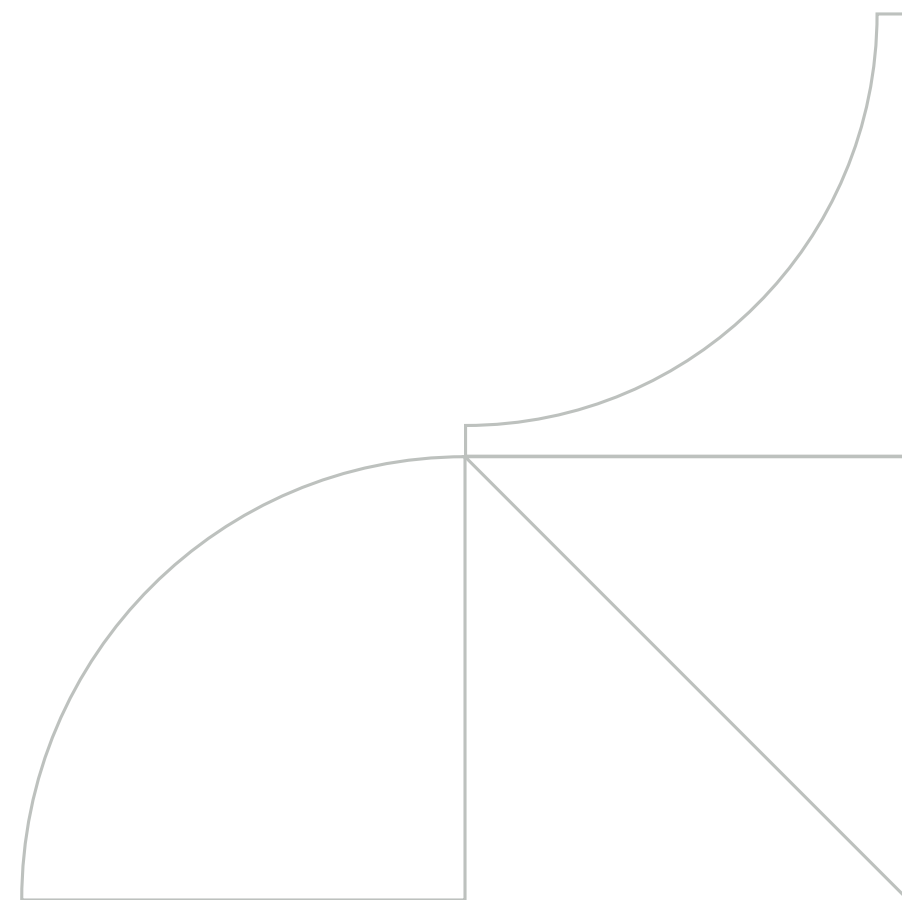
Our client is one of the world's largest medical manufacturers with a history of pioneering breathing technology. Its integrated solutions, backed by over six decades of expertise, extend and enhance lives. With a presence in over 100 countries, respiratory specialists worldwide trust and prefer the client's products.



Challenges

Overcoming security inefficiencies

The client's top management faced several challenges, including operational inefficiencies, a fragmented security stack, high licensing costs from multiple OEMs, and an overwhelming number of false-positive alerts. Additionally, the client's global presence reduced its security posture's visibility.



Solution

Fortifying security with Microsoft's integrated arsenal

Zensar proposed an integrated Microsoft Security Stack to address the client's security challenges and effectively implemented the solution within 11 weeks.

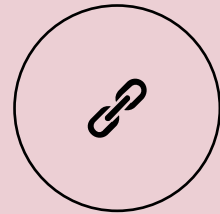
Our approach included the following:

- Integration of ChatGPT with Microsoft Sentinel for incident management, automating responses, and streamlining workflows
- Consolidation of the multi-OEM security stack with Microsoft E5 licenses, achieving a single pane of glass view
- Migration to Microsoft Sentinel SIEM, development of advanced use cases based on the MITRE framework, and creation of custom dashboards and reports
- Transition to Microsoft Defender for End Point for all endpoints and servers, enabling antimalware, antivirus, and EDR functionality
- Migration to Microsoft 365 Email Security and MS VM Insight from existing solutions

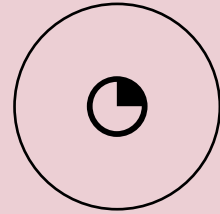


Impact

Strengthened security and streamlined operations



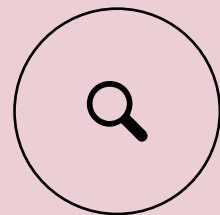
67 percent reduction in complexity, improving risk posture and lowering operational costs through vendor consolidation



20 percent reduction in spending on license and device management costs



60 percent productivity improvement with efficient log source onboarding



59 percent enhancement in overall security posture and visibility.

With Zensar's robust security implementation, our client successfully fortified its security infrastructure, reducing risks, optimizing costs, and gaining valuable insights into its security landscape.



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