IT Audit of manufacturing company

Task Title	IT Audit of manufacturing company
Industry Vertical	Manufacturing Mechanical Parts
Industry Details	• Firm manufactures parts and exports • Mission critical infrastructure to connect global offices • Web portal for global inventory and vendor management • Centralized infrastructure
Location	Pune (India)
Time to solution	1 month

Business Situation

The manufacturing firm based out of India and having offices all over the country, approached SecMyIT for the purpose of performing serious and elaborate IT audit for their IT infrastructure. The sole purpose behind this mission was to be compliant and be able to apply for important certifications in the manufacturing industry verticals.

SecMyIT's Solution

- SecMyIT started work via a kickoff meeting with stakeholders and explained the importance of IT audit and informed how it is executed.
- A map of IT infrastructures to be part of the audit, was created and scope was defined in terms of what needs to be audited
- Senior management was informed about the audit dates and execution approaches.
- First the physical audit was performed to check for person based loopholes, surveillance systems and biometrics etc.
- Another round of in-person audit visits were performed to check security processes at critical points, such as entry into IT datacenters, password schemes. IT staff was interviewed during this time to gain knowledge of various processes being followed and not being followed.
- As a part of audit, social engineering ethical hacking methods were used to try gaining inside knowledge about infrastructure and data security.
- A detailed penetration test was performed to find vulnerabilities in terms of technology infrastructure. Vulnerability assessment report was created as an outcome of the test.
- A detailed audit report mentioning areas that failed with non-compliance, areas which exhibited adequate security and process following, and also the areas which were in-tact.
- Audit report was read in front of the firm's senior management and IT staff to be on the same page and address and remove any disputes or discrepancies.

Benefits

- Manufacturing firm's senior management achieved their objective to be in compliance.
- Value addition was achieved by addressing vulnerabilities found during penetration test and acting on those. Best practices to be followed for the given business and technology scenario were achieved too.
- Firm was eventually able to go for their necessary certifications meant for manufacturing sector and also achieved awards related to overall safety

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