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Helping strengthen an energy company's cyber vulnerability management operations

Operate services | Vulnerability Management as a Service

The challenge

Our client is a Middle Eastern energy company. With complex information technology and operational technology (OT) infrastructure spanning multiple subsidiaries, ongoing cybersecurity vulnerability management was a challenge. Existing manual processes were inefficient, hindering scalability and creating increasing security risks.

The organization required an effective, automated and managed solution to help address the evolving cyberthreat landscape and establish a proactive, threat-based vulnerability management program.

Our solution

Deloitte designed, implemented and now operates a tailored Vulnerability Management as a Service program, operationalizing a custom threat model that reflects the client's distinct operational context and industry-specific risks. This multi-year transformation program includes wraparound, ongoing managed service support to help maintain and optimize key processes.

Using cutting-edge technology, an integrated, automated platform covers threat and risk-based vulnerability assessments and remediation. The solution includes a comprehensive target operating model with associated processes and procedures, helping to ensure seamless integration into the organization's existing infrastructure.

The outcomes

Operational efficiency

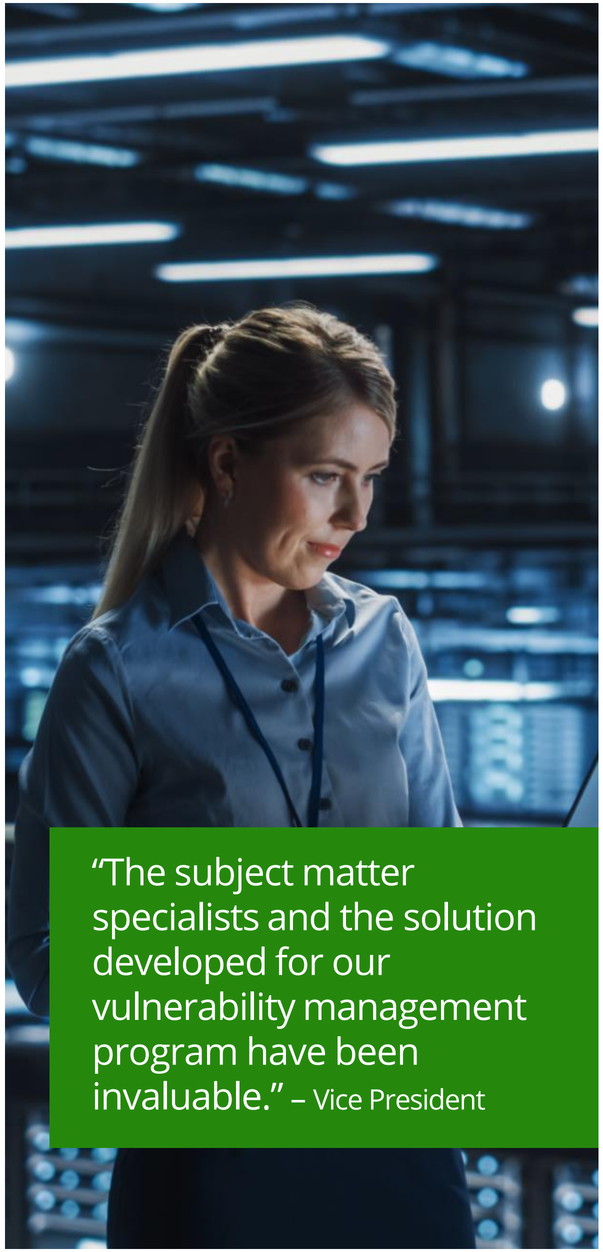
- Achieving over 30% process efficiency gains in vulnerability identification in the first system release alone.
- Automated threat-based vulnerability management and IT and OT vulnerability management.

Improved data quality and reporting

- Advanced analytics and machine learning, deliver real-time insights and support proactive risk mitigation.

Collaborative growth

- Organization now offers scalable and consistent levels of service across geographies in which it operates, leveraging Deloitte's cross-border and specialist multidisciplinary teams.
- Program improvements have created enhanced accountability and recognition of cyber vulnerability risk among business executives.



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