

Case Study: Internal Security Audit for a Government Organization

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About the Customer

Our Client is an educational government organization based out of Ireland, UK.

The Challenge

As part of their internal procedures, the customer wanted a complete thorough audit of its networks distributed around three cities. The Client wanted us to conduct a pro-active Internal Security Audit encompassing their ISO 27001 policies and procedures, networks, systems, processes and web-applications.

The Solution

Prior to departure, the team conducted a thorough desk audit of the organization's policies and procedures to understand the requirements and catch any shortcomings in the policy documentation. Following this, Security Brigade's team conducted a series of department wide interviews, questionnaires and monitoring to gain an insight into the network setup, processes, etc.

1. Security Brigade's team carried out technical controls review of various areas such as: web-sites, firewalls, routers, web-servers, database servers etc.
2. Conducted GAP analysis to review the BCP / DR procedures in place.
3. Created initial observation report with all the non-conformities.
4. Re-audited after a period of 6 months to confirm if all the non-conformities have been closed.

On completion of this engagement, the ISMS audit report not only identified serious non-conformities in the organization's policies and procedures, networks, systems, web-applications but also provided the customer with best-practice advice to further improve their overall security posture.

The Deliverables

The reports and remediation information provided were customized to match the Client's operational environment and development framework. The following reports were submitted to the customer:

- **Observation Report:** Detailed observation report highlighting various aspects of the audit and recommendations for the same
- **ISO 27001 Audit Report:** Provides a holistic image of the ISMS policy implementation audit that was within the scope of this engagement.
- **Executive Report:** Overview of the entire engagement, the issues identified and the recommendations made to mitigate the same.

The Benefits

Our Internal Security Audit Service allowed the Client to get a detailed insight into its organization-wide compliance and security posture. By conducting thorough assessments and identifying threats, Security Brigade reduced the Client's risk from external threats.

Additionally, the Client gained the following benefits:

- **Risk Benefits:** Security Brigade minimized security risks by assessing the customer's organizational and infrastructure threats and recommended solutions with proven methods to enhance security.

- **Cost Savings:** Security Brigade suggested cost-effective risk-mitigation measures based on the customer's business requirements that would ensure security and continuity of the business.
- **Customer Satisfaction:** Internal Security Audit was conducted with minimum interruption and damage across customer systems to identify security threats, impacts and potential risks.
- **Compliance:** The Client was able to gain assurance as to the effectiveness and implementation of their ISO 27001 Implementation. They were able to plug several threats that would have caused them to violate their compliance obligations.



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