ZERODAYLAB®

Case Study

Delivery of IT Security Initiatives to Global Defence Company

Trusted Advisor for All Your Information Security Needs

The Client

Our client is a global leader in the provision of threat detection and screening technologies for Military, Transportation, Homeland Security and Resilience applications.

The client works closely with national governments, academia and leading institutions to respond to changing security threats, together developing innovative threat detection and security solutions and accelerating the development of technology to anticipate future needs.

Our client is passionate about maintaining the very highest levels of security both internally and externally.

The Requirement

Our client identified several key IT security initiatives they needed to implement globally in order to further strengthen their overall IT security posture and further align their division to the parent group globally.

The client's most urgent requirements were to implement ISO 27001 globally. They also needed to implement up-to-date IT security policies and procedures as well as simultaneously introducing security awareness training through Learning and Development programmes. This in turn needed to be underpinned by a Risk and Incident Management solution sufficient to mitigate risk across such a complex set of concurrent assignments.

As we had previously delivered successfully on several key assignments for the client across EMEA, the client selected ZeroDayLab as their strategic partner of choice for these key projects.

ZeroDayLab Approach

We undertook a total evaluation of our client's current IT security posture and future requirements, and determined a phased plan of action to be conducted over an agreed period of time.

Using our skilled and experienced IT Security Consultants and senior Project Managers, we implemented a comprehensive, multi-lingual programme to provide a combination of IT security consultancy and 'Best of Breed' IT security solutions which delivered a new and improved IT security strategy for our client.

The Solution

- We produced an updated two-year IT security plan called 'Total Security Improvement Plan' to drive overall IT security strategy.

- ZeroDayLab implemented an ISMS solution for ISO 27001 and other relevant standards that were undertaken over a five month period. This provided the client with global certified accreditation to ISO 27001 very simply and cost effectively.

- This certification enabled our client to win new business quickly in key markets previously unavailable to them, providing them with real competitive edge, as well as strengthening their overall IT security posture.

Our programme delivery to the client also included:

- Documenting all current IT security processes, providing gap analysis and recommendations for overall improvement, efficiencies and controls.

- Documenting and delivering a new, current and manageable set of IT security policies aligned to our client's overall IT and business strategy.

- Developing a new Employee Handbook based on a new set of IT security policies. The new policies were aligned to the newly-agreed IT security strategy to be delivered to all employees globally.

- Provision of full training, both on-site and off-site, globally.

- Ensuring a smooth, accurate and timely implementation of the key assignments via a comprehensive Risk and Incident Management solution that improves both IT risk management and overall business risk in a simple and cost-effective manner.

The Results

By implementing these critical services and solutions, specifically ISO 27001, our client further improved their overall IT security and further improved the levels of security for their trusted clients.

They also saw an immediate improvement in employee security awareness. All the assignments were completed on time, in budget, and have provided our client with a quantifiable return on investment.

Our Client's Feedback:

"We have been working with ZeroDayLab for several years on various security projects so when we decide to undergo an extensive review of our overall IT Security needs, both urgent and longer-term, it was no real surprise we chose ZeroDayLab as our Strategic Partner of choice.

ZeroDayLab have immense experience across all aspects of IT Security Consultancy and Solutions and proved to be the ideal organisation for us to work with.

The projects running mostly concurrently are complex and needed good planning, project management, risk assessment and joint collaboration. ZeroDayLab took overall project control and made it very easy for my team to undertake their role and responsibility.

We have seen instant improvements in several key areas such as customer acceptance and customer satisfaction.

Our ability to bid for more International Government contracts has already increased and our response time and team effort to client RFP's has been reduced.

Having recently completed the final stages of these strategic projects, I am absolutely confident we will be ahead of the game in terms of improved IT Security, staff awareness, competitiveness and overall business alignment.

We will be undertaking further projects with ZeroDayLab around critical areas such as Privileged User Management, End Point Security and Event & Log Management.

ZeroDayLab have strategically supported us every step of the way and been true to their word on delivering quality and consistency, on time and in budget. I am confident of a long-term business relationship with all at ZeroDayLab".

<div align="right">President of Global Security</div>

carries out IT Security Testing engagements for a broad range of public and private sector companies. Our depth and breadth of experience enables us to deliver high quality assignments that both identify all areas of your IT Security posture whilst also providing appropriate remediation and recommendations that tighten your overall security strategy on time and in budget with consistent quality and return on your investment.

At ZeroDayLab, every day is spent helping make our client's infrastructure and applications more secure through the intelligent combination of highly trained consultants and services combined with leading edge, complementary security technologies that drives 'Continuous Security Improvement'. We maximise ROI by delivering value for money services of the highest and consistent quality.

Our Services

- Vulnerability Assessment of Desktop, Servers and Infrastructure
- Penetration Testing of all Internal/ External Web Applications and Infrastructure
- Broad Security Review (Architecture and Infrastructure)
- Source Code Reviews
- Firewall Audits
- Desktop and Server Build Reviews
- Blockchain Application Security Audits
- Digital Forensic Analysis
- Security Awareness Programmes
- Security Training for Developers - Secure Coding School, CBT, Online Assessment
- Pre-Breach Incident Response & Runbook Training

- Phishing Resilience Programmes
- Bespoke Senior Executive Security Training
- Red Team Testing
- PCI DSS Remediation Support
- Gap Analysis to ISO, PCI DSS, SSAE16(18), NIST, GDPR
- 360° Reviews (Cyber Risk Assessment)
- Virtual Data Protection Officer
- Virtual Information Security Manager
- ISO/NIST/EU GDPR Standards Alignment
- Internal Audits
- SERM - Supplier Evaluation Risk Management
- Cyber Threat Intelligence - Deep & Dark Web
- Protective Monitoring (Managed SOC)
- Security Risk Training for Agile Developers
- ZeroDayResponse - Incident Response Review & Digital Forensics Training

ZERODAYLAB ®

Passionate About Total Security Management