Case Study

360° Security Review

The Client: PD Ports

PD Ports is one of the United Kingdom's largest and most successful port management groups. Operating across 13 locations nationwide, the group plays an integral role in the country's national infrastructure, acting as a gateway to both import and export markets in Europe and the rest of the world. Safety is at the heart of all activities and operations at PD Ports, and this is demonstrated by the port operator's number one value: safety first, foremost and always.

In PD Ports' case, the security of its assets directly impacts safety, with several critical systems such as Industrial Control Systems (ICS), Port and Container Management Systems, and the growing reliance on information systems in the shipping and maritime industry. Naturally, PD Ports has a vested interest in ensuring that it remains resilient to a cyber attack through continued investment in people, process and technology.

The Assignment:
Assessing Cyber Security Maturity

PD Ports and owners Brookfield Asset Management wanted to gain an expert and independent third-party assessment of PD Ports' cyber security operations. Both PD Ports and Brookfield Asset Management recognised the importance of maintaining a level of cyber maturity that remained proportionate to their evolving risk register. In order to do so, it was important that a baseline of cyber security operations be created, and a maturity improvement plan be defined.

The aim of the assignment was to assess cyber security maturity, define an appropriate level to aim for, and advise on the short, medium, and long-term steps needed to reach this desired maturity score. The overarching objective was to help reduce the likelihood and impact of a cyber attack, and the inevitable financial and reputational damage this would cause. Ultimately, PD Ports was looking for an expert cyber security partner to help drive continuous security improvement over the longer term.
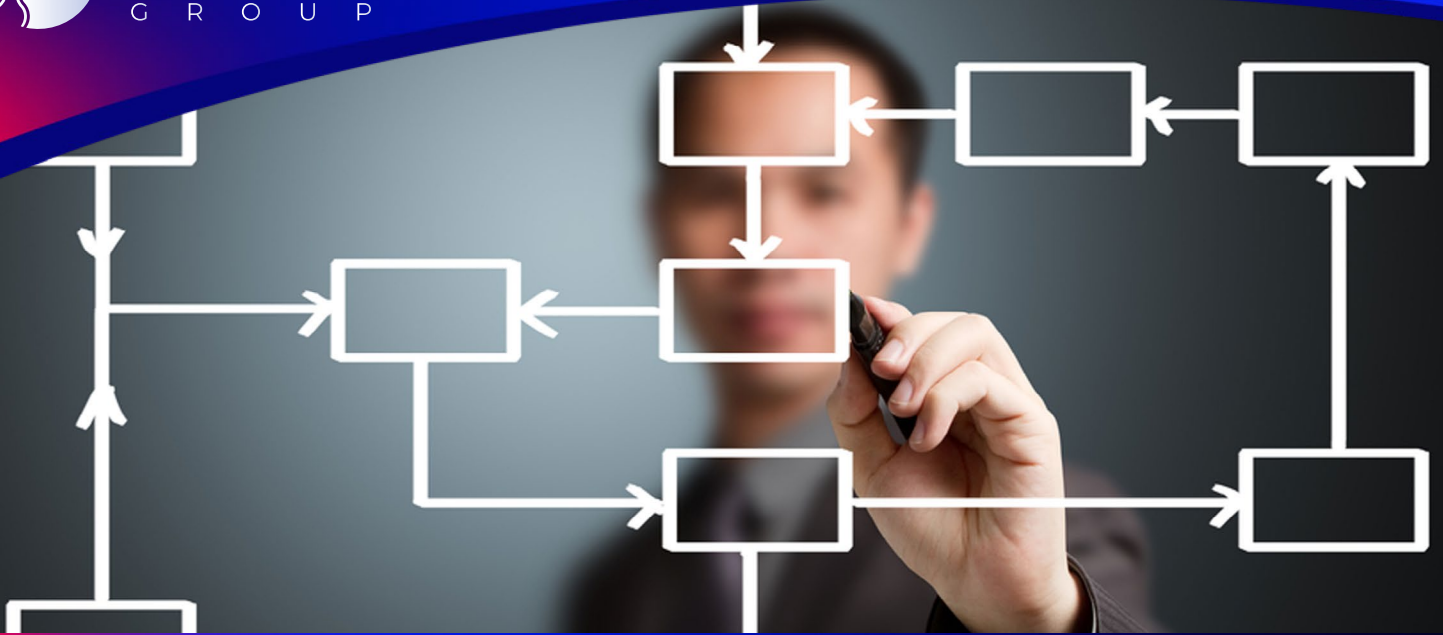
The Service:
360° Review – Cyber Risk Assessment

ZDL Group's 360° approach to cyber security focused on the strategic alignment of PD Ports' people, process and technology in everyday operations.

Conducted by **ZDL Group's** Governance, Risk and Compliance team, the 360° Review was an in-depth, external validation exercise that analysed cross departmental and overall business maturity of cyber security operations across three domains: people, process and technology.

This analysis and methodology drove greater efficiencies, as well as providing management greater visibility and understanding of their overall security posture, cyber resilience and ability to react and respond to incidents. This included assessments, workshops and stakeholder reviews of current controls against a nominated cyber security framework. Recommendations from **ZDL Group's** highly experienced consultants were then used to remediate against risks and promote continuous improvement.

Process
Creating good governance and manageable risk competence by aligning policies with best-of-breed standards, procedures and enforceable processes.

People
Ensuring that Information Security responsibilities are understood and implemented in line with best practice by staff at every level of the business.

Technology
Developing a multilayered, resilient and robust infrastructure that can detect and discover anomalies whilst maintaining high performance and protection.
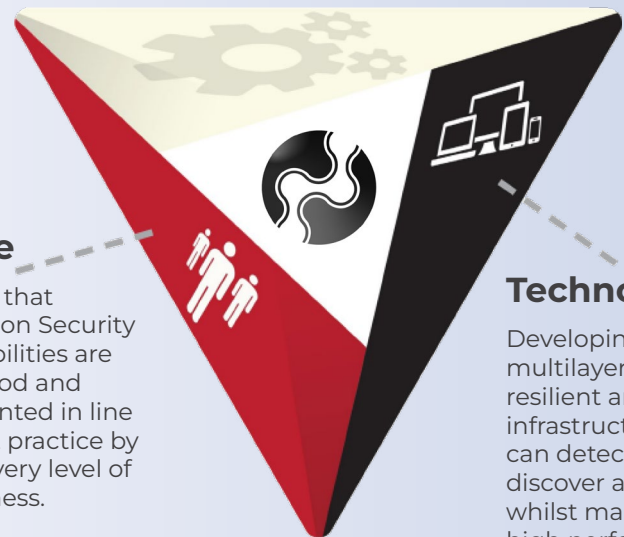
Strategic Partnership:
Driving Continuous Security Improvement

Working strategically with PD Ports has enabled **ZDL Group** to gain a much deeper understanding of the business's objectives, its evolving risk profile and its appetite for risk. By doing so, **ZDL Group** were able to provide an actionable roadmap that would strengthen overall security posture, and prioritise remediation that reduced business wide cyber risk at the fastest possible rate, enabling continuous security improvement.

This long-term strategic relationship has spanned over several years, delivering key projects such as Risk and Strategy reviews, Ethical Hacking, Education & Training, Incident Response and Runbook Training, and Executive Threat Assessments.

The Result:
Client Testimonial

'PD Ports has been working with **ZDL Group** on a number of projects since 2015. In that time they have provided us with a full 360° review of our internal processes which has enabled us to develop our cyber security strategy.

Their in-depth assessment and review has enabled us to implement long-term solutions to ensure that our desired level of cyber maturity is reached and can be maintained.

We are already planning our next project with **ZDL Group**, where they will further assess our cyber security strategy to ensure we are protecting the most vulnerable areas of our business. I would highly recommend their services and look forward to continuing our partnership in the future.'

Richard Ellison, IT Manager – Governance, Risk & Compliance – PD Ports

Delivering Excellence in Cyber Security

At ZDL, we believe that effective risk management requires a holistic 360° approach. We take a comprehensive view of our clients' cyber security risks and provide quality services to address those risks.

Our approach to Total Security Management helps make our clients' infrastructure, applications and data more secure in the face of a continually evolving Threat Landscape. Our aim is to build a partnership with our clients, built on a mutual respect and understanding of each other's businesses. We become a part of our clients' team, a valued partner; an intrinsic part of their business.

ZDL's 4 key service areas are designed to focus on our clients' cyber resilience journey. Our unique portfolio of services enables you to build an agile, responsive security infrastructure and strategy.

Our Services

Ethical Hacking

- Broad Security Review
- Red Teaming
- Security Audits
- Penetration Testing
- Cloud Security & Security Ops Testing
- Source Code Review/Coding Standards
- Social Engineering
- Physical Security

Training

- Security Awareness Programmes
- Secure Coding School for Developers
- Bespoke Senior Exec Security Training
- Runbook training/ Scenario Workshops
- Phishing & Resilience Programmes
- Physical Security Awareness
- Online Assessment / CBT Developer Training

Managed Services

- Supplier Evaluation Risk Management (VenDoor)
- Incident Response Preparedness
- Security Training for Developers - Annual Programme
- Managed Detection and Response (MDR)
- Virtual Information Security Manager
- OSINT/Threat Intelligence

Compliance

- Policy Review & Creation
- 360° Assessment
- PCI Remediation Support
- ISO/ NIST/EU GDPR Standards Agreement
- Business Continuity Management
- IR Management Review
- ISO Readiness Programmes
- Office365 Configuration Review

CONTACT →

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London | Brighton | Manchester | USA