



SECURING THE WORLD'S MOST PRESTIGIOUS SUPERYACHTS

CYBER ASSURANCE

FOR THE MARITIME ENVIRONMENT

We offer a bespoke risk based cyber security solution that is unobtrusive and specifically tailored to protect your lifestyle and privacy; your people and your high value assets.

We have developed a maritime specific response to the risks posed by cyber intrusion targeting your vessel management systems, your entertainment and business platforms and your privacy.

MAST Cyber is able to offer a through life assurance solution. With complex integration of technology during yacht build or refit cycles now commonplace we build resilience into your infrastructure to protect the system and therefore the asset as a whole.

Our highly skilled, National Cyber Security Centre (GCHQ) accredited, cyber-security team are exclusively tasked to harden and protect on board systems from targeted attacks and privacy intrusions.

Technical services include:

- Technical vulnerability assessment of the on-board systems and their integration
- Development of a flexible and resilient security model future-proofed for ease of use
- Technical assurance that on-board systems are secured in compliance with best practice
- Development of a comprehensive cyber security management plan
- On-board penetration testing of hardened platforms
- Specialist cyber support to the design, build and fit out phase of the project to ensure security is implicit and evolutionary
- MAST RED team attack simulation

'Our unique threat based methodology delivers a realistic, bespoke appraisal of the current state of your cyber security and the risk attackers pose to you'

Specialist penetration testing services include:

- Network penetration test
- Application specific penetration test
- Denial of service testing
- Wireless penetration testing
- Shore based system assessment including testing of shore to vessel links
- Mobile app penetration test

MAST RED TEAM Cyber Attack Simulation against your vessel: Vulnerabilities, Weaknesses and Gaps.

During this high intensity assessment MAST specialists will profile your IT assets and infrastructure using publicly available resources and the latest cyber threat intelligence information. This 'footprint' data will provide the base material against which simulated attacks will be formulated and launched against your IT infrastructure with the specific intention of gaining access to sensitive data, vessel management and AV / IT systems.

MAST's Red Team conducts an extended full range of penetration tests together with social engineering techniques. This provides a forensic level view of your cyber security on board, on shore and the 'real world' effectiveness of any security countermeasures you have in place. The objective is to identify areas for improvement and support you in addressing them.

All tests are conducted in a controlled, non-invasive manner using the standard tool sets and techniques of the 'real world' hacker in order to simulate the impact of an actual cyber-attack and implement preventative measures to ensure your systems are protected end-to-end.

What are the benefits of conducting a penetration test?

- Proactively anticipating cyber threats and vulnerabilities in an intelligent and cost effective manner.
- Ensuring you and your organisation, including your brand or reputation, is not tarnished through public exposure to cyber-attack.
- Ensuring your business complies with privacy, regulatory or contractual confidentiality requirements that you have in place.
- Avoiding the cost of recovering a security breach as well as loss of operational readiness of your vessel or crew.

MAST have carefully selected and created a specialist cyber-defence offering, drawing on highly skilled operators from world leading government and military organisations. We can task them to safeguard your digital world and mitigate against the risk of cyber-attack and intrusion into your privacy.

As a specialist risk management company MAST are able to provide services which will not conflict with the day to day management of your vessel. We aim to protect your assets and lifestyle in today's increasingly difficult complex environment.



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