# IEC telecom

OPTISHIELD
ADVANCED CYBER SECURITY PACKAGE

Take your cyber security to the next level with OptiShield, a comprehensive toolkit designed for ICT professionals. We guarantee top-tier protection for your onboard network and help to enforce IMO compliance for your vessel. OptiShield includes features like Data Loss Prevention (DLP), automated endpoint verification, sandbox analysis, and enhanced visibility through an intuitive dashboard. Users have the option to further strengthen their defence by leveraging our 24/7 cyber response team for timely and critical support.
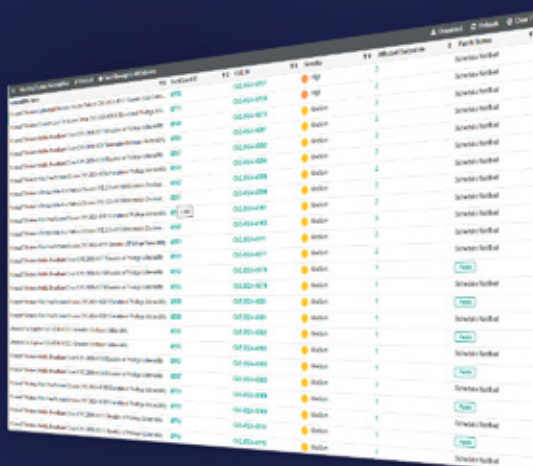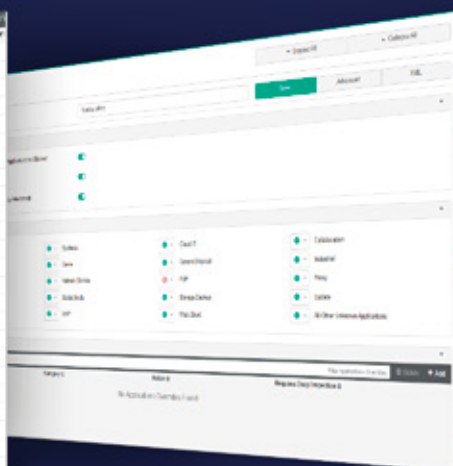
Patch Policy Enforcement   Firewall Traffic Filtration   Vulnerability Scan

ADVANCED THREAT PROTECTION

The seamless integration between the endpoint anti-virus and the next-generation firewall provides native endpoint visibility, compliance control, vulnerability management, sandbox analysis, and automation capabilities. Administrators can investigate incidents in real-time and establish policies for automated responses, including the quarantine of suspicious or compromised endpoints to contain incidents and prevent further outbreaks.

SECURE REMOTE ACCESS

The endpoint security solution utilises SSL and IPSec VPN technologies to offer secure and dependable access to corporate networks and applications from nearly any internet-connected remote location. Additionally, two-factor authentication can be implemented to provide an extra layer of security.

DATA LOSS PREVENTION (DLP)

Our DLP solution safeguards sensitive information by preventing unauthorised access, sharing, or loss of data. It ensures compliance with global security standards (e.g. GDPR, HIPAA) and offers real-time monitoring, data encryption, and insider threat protection. Simplify endpoint management with our centralised dashboard to enhance security and efficiency.

RANSOMWARE PROTECTION

Ransomware attacks have seen a sharp rise in recent years. In response, our advanced anti-virus solution now includes enhanced ransomware protection features. These enable the system to detect malicious activity, roll back unauthorised changes, and restore the endpoint to its pre-infection state—minimising downtime and preserving data integrity across your network.

ANTI-EXPLOITATION

By integrating with the sandbox and leveraging global threat intelligence, the anti-virus prevents advanced malware and vulnerabilities from being exploited. The software analyses all downloads in real-time. The cloud-based threat intelligence platform gathers insights from users across the globe and automatically shares the intelligence with the customer's endpoints to protect the on-board network against emerging threats.

WEB FILTERING & SaaS CONTROL

The cyber security solution provides web and application filtering, delivering web security and content filtering. Additionally, the web application firewall offers botnet protection and granular application traffic control, covering web-based applications and software-as-a-service (SaaS) platforms.

VULNERABILITY ASSESSMENT

The new generation of anti-virus software can reduce the attack surface by scanning endpoints for vulnerabilities and sharing that information for appropriate action. Any discovered vulnerabilities can then be leveraged by firewall policies, leading to the quarantine of the affected endpoints.

PATCH POLICY ENFORCEMENT

Updating endpoints with the latest firmware can be challenging. The new generation of anti-virus simplifies this by managing endpoint patching, even when offline, ensuring critical updates are applied promptly to reduce vulnerabilities and maintain compliance across distributed networks.

24/7 CYBER RESPONSE TEAM

A dedicated group of cybersecurity professionals is available around the clock to detect, investigate, respond to, and mitigate cybersecurity incidents and threats. Working seamlessly 24/7, the team ensures rapid incident containment and recovery to minimise damage, protect sensitive data, and maintain business continuity – even in the face of complex, evolving cyberattacks.

IMO COMPLIANCE (CYBERSECURITY)

With an OptiShield subscription, OptiView serves as your cybersecurity gateway, offering complete visibility into network health and endpoint status. Detailed security and threat reports, along with real-time usage analytics, enable proactive risk management. IT teams receive instant notifications on detected incidents and ongoing response actions, ensuring compliance with IMO cybersecurity regulations.

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