

EngineVault

EngineVault combines powerful software and hardware components to ensure comprehensive firewall protection, application-layer protection, and much more, shielding the Everllence B&W ME engine network.

EngineVault gives you robust protection of your main engine network from online and physical cyberattacks. Unique in the industry, it combines state-of-the-art software and hardware to provide firewall protection, comprehensive whitelisting and application-layer protection that seals off your engine network from virtually any threat – including on-board attacks via compromised USB flash drives and other physical media.

Arm your vessel with EngineVault, and you can rest assured that your engine network is fully protected – even as you benefit from Everllence connected engine technologies and ensure compliance with IMO requirements.

Three critical components

EngineVault protection involves three main security components:

- Full network hardening via port protection, encryption of all data received and transmitted, and advanced network segment segregation
- Critical hardware protection via the latest state-of-the-art main operating panels for the engine control and management systems
- Cutting-edge application-layer protection and extensive whitelisting that only allows
- Everllence-certified software on your engine network

If an attack should succeed despite the above measures, EngineVault can immediately return your engine network to its last known safe state.

The solution includes a complete new hardened engine network as well as an upgrade of your Engine Control System to the latest version for your engine type. In addition, EngineVault prepares your engine network for Everllence's Remote Update Services and remote installation of selected retrofit upgrades in the future.

Please contact your Everllence PrimeServ office for more details.



Everllence

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EngineVault

Shield your ME engine network against cybersecurity attacks

Key benefits

- Uniquely effective protection against cybercrimes
- Lower risk of service disruptions and off-hire periods
- Greater safety for crews, and protection of physical assets
- Compliance with regulations and IMO requirements
- Peace of mind – ensure business continuity and protect your reputation

Scope of supply

- Managed Switch
 - Segregates network segments
- mGuard
 - Encrypts all data sent/received from the closed engine network
 - Controls data to be exchanged securely between systems
- EMS-MOP
 - Processes raw engine data for diagnostics and control use
 - Automatic Recovery function
 - Hardened image, whitelisting application
- EC-MOP
 - Latest engine control system
 - Automatic Recovery function
 - Hardened image, whitelisting application

Applicable to

All Everllence B&W ME/ME-C/ME-B engines

More information

Contact your local Everllence PrimeServ office for more information about the product and how the upgrade can improve your specific engine.

Everllence PrimeServ

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