



Maritime Satellite  
Communications Done Right

Value Added Services

“We take ownership of edge-to-edge connectivity”



[www.wlnet.com](http://www.wlnet.com)





A complete SatCom management platform

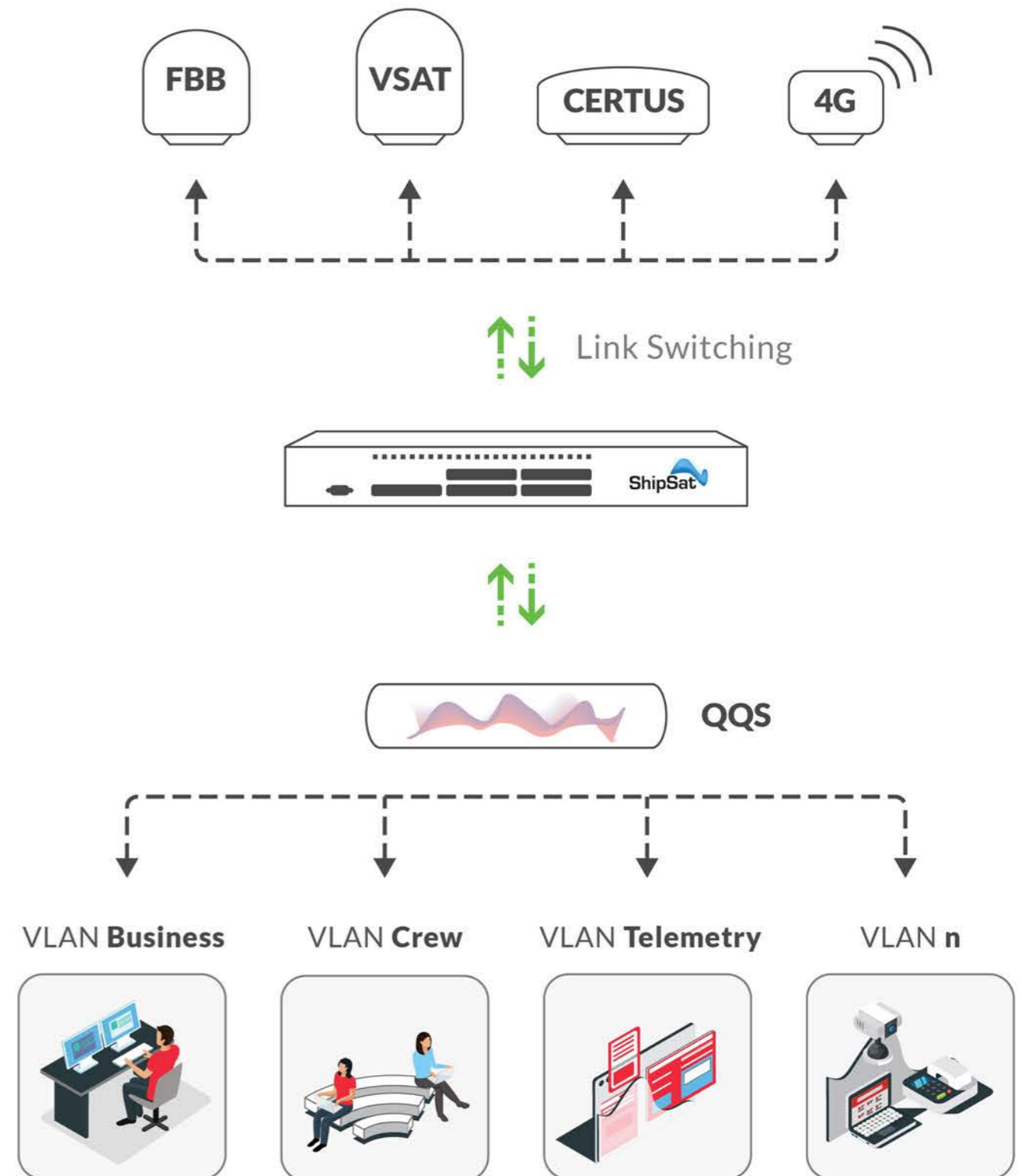
ShipSat is World-Link's Gateway that connects the Headquarters onshore with any vessel of the fleet out at sea.

It offers a user-friendly but powerful dashboard with insightful information on the status of each ship. Moreover, it provides granular control over the vessel's satellite communications, enabling the management of all aspects of maritime operations and data connectivity.

- Compatible with any IP connectivity service.
- Internet cafe access for data & voice on board.
- Link Switching | Optimization | Policies.
- Configuration module for all IT-related settings.
- Integrated firewall for network security.
- Virtual LAN for network isolation.
- QOS traffic prioritization.
- Easy and secure VPN & remote access onboard.

- Web interface for live administration.
- Integrated setup Wizard.
- Integrated VOIP PBX module to configure VOIP extension and rates.
- Fleet file transfer and synchronization.
- Real-time fleet monitor – live vessel status and current setup.
- Real-time GPS positioning.
- Billing section for crew internet access, refill, and history.
- Report module for the crew data & voice usage.

## Fully Managed Broadband Service



ShipSat is offered as a monthly subscription service and comes with regular software security upgrades and support. The required hardware is also provided.





**Protecting all aspects of internet communications is crucial for the success of maritime operations.**

ShipSecure aims to provide a comprehensive all-around cyber security solution to help protect a vessel from all kinds of cyber threats. It is set up on a layered network, approach to make it harder for aspiring infiltrators to move laterally or make their way deeper inside the vessel's communications and IT infrastructure.

Moreover, it deploys network traffic analysis tools that can catch common signs of threats, filter out phishing and malware infection attempts. It compares apps and URLs against an up-to-date virus and threat database.

ShipSecure is a service that fully integrates with the mobile satellite communications platform and the IT infrastructure onboard, without requiring any additional financial resources or manpower to operate. Being an enhanced solution, ShipSecure combines value-added services such as ShipGate, ShipLink, ShipGuard, and ShipNet.

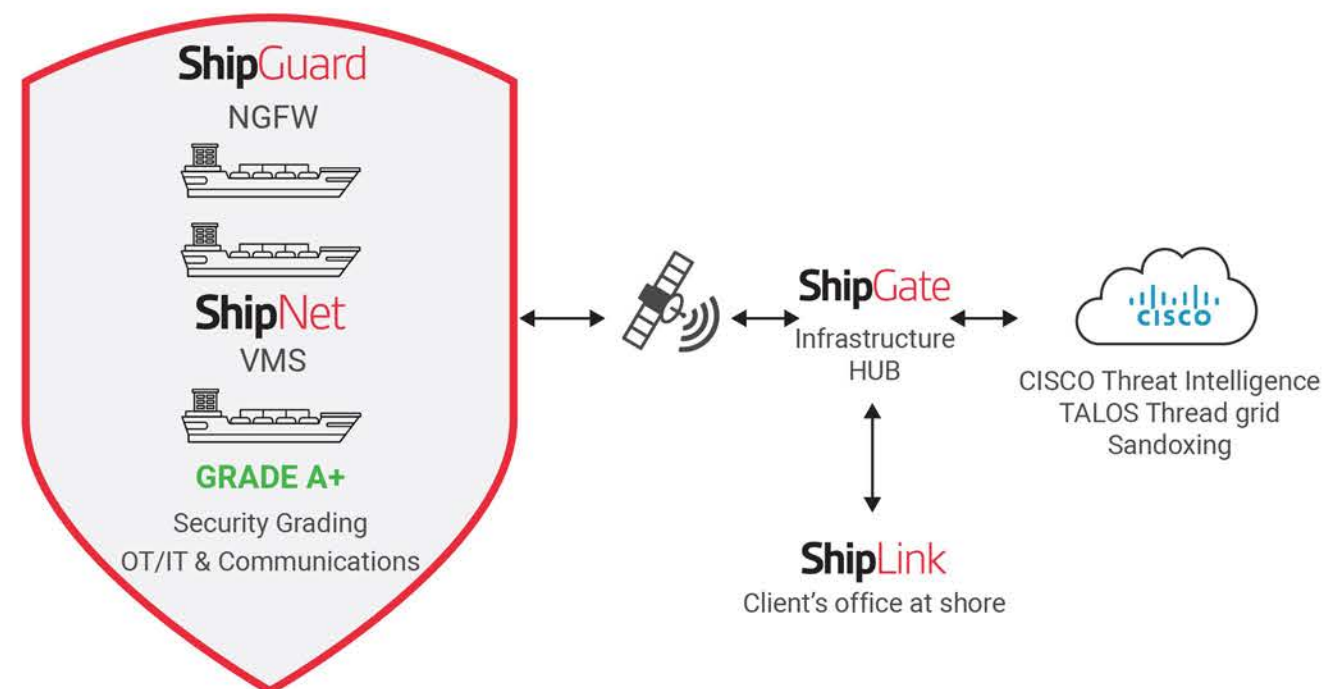
**ShipGate** The cyber threat management system that protects your vessel network during different phases of a cyber-attack.

**ShipLink** Linking your fleet securely with the shore network via remote access tools that deploy end-to-end encryption.

**ShipGuard** Next-generation firewall with advanced filtering, and dynamic IDS/IPS detection features.

**ShipNet** Powerful network vulnerability scanner that mitigates the risk of known attacks by 99%.

## Real-Time Management of Attack



### IMO Guideline Elements

Identify	ShipNet	Continuous assessment of the vessel network through the Vulnerability Management System (VMS).
Protect	ShipGuard	Enhanced network protection through next-generation firewall (NGFW).
Detect	ShipGate	Real-time intrusion detection and prevention (IDS/IDP) from the cloud.
Respond	ShipGuard	AntiMalware Protection (AMP) for the End Point.
Resolve	24/7 SOC	Detailed Log and Incident Analysis.



# ShipMail

**Our email solution addresses maritime-specific needs**, minimizing the cost of operations, and achieving maximum efficiency on “ship to ship” and “ship to shore” channels.

- ▶ Supports all Windows versions.
- ▶ Remote management via the web client.
- ▶ Unlimited number of crew mailboxes, no external traffic for local mails.
- ▶ Smart least-cost routing and high compression rates.
- ▶ Custom in/out message size limits for every user.
- ▶ Compatibility with all popular mail clients.

- ▶ Webmail add-on.
- ▶ Spam and virus detection and filtering on the shore-based server.
- ▶ Automatic send/receive rules.
- ▶ Setting up white and black lists.
- ▶ Onboard administration.
- ▶ Full reporting, log generation, and retention.

# ShipAV

**ShipAV is a maritime-focused antivirus solution** featuring real-time protection against viruses and software.

The tool consults a virus database that’s updated on a daily basis and also deploys heuristic threat detection algorithms.

**It is geared for maritime deployment**, and it fully respects the data communication constraints that underpin all operations in the field.

- ▶ Small daily updates that ensure adequate protection at an affordable rate.
- ▶ Bi-directional virus content filtering from and to the ship network.
- ▶ Content inspection within the SMTP/POP3 protocols ensuring safety before message delivery.
- ▶ Easy installation on standalone PCs, and on onboard or ashore network systems.

# ShipForms

**The winner of the “Seatrade Award for Innovation”**

ShipForms offers a quick, easy, and secure way to generate, fill out, and distribute forms from the vessel to shore authorities.

## The Maritime eForms Solution

- ▶ Automate delivery of arrival and departure notices.
- ▶ Compliance with US Coast Guard (eNOAD), the West European Tanker Reporting (WETREP) and the Maritime and Port Authority of Singapore; Pre-Arrival Notification of Security (PANS).
- ▶ Continuous updates with the latest regulations.
- ▶ Use of the most up-to-date form formats.
- ▶ Compliance with any MAPI-based email tool.
- ▶ Data-entry saving for quick fillings; Free technical support.



A large satellite dish antenna is mounted on a tall metal tower. The dish is a complex grid of metal struts forming a parabolic shape. The background is a dramatic sky with a sunset or sunrise, showing orange and yellow hues near the horizon and darker blue and purple tones higher up. The overall scene is industrial and technological.

# Maritime Satellite Communications Done Right

“We take ownership of edge-to-edge connectivity”

**World-Link**  
communications

[www.wlnet.com](http://www.wlnet.com)