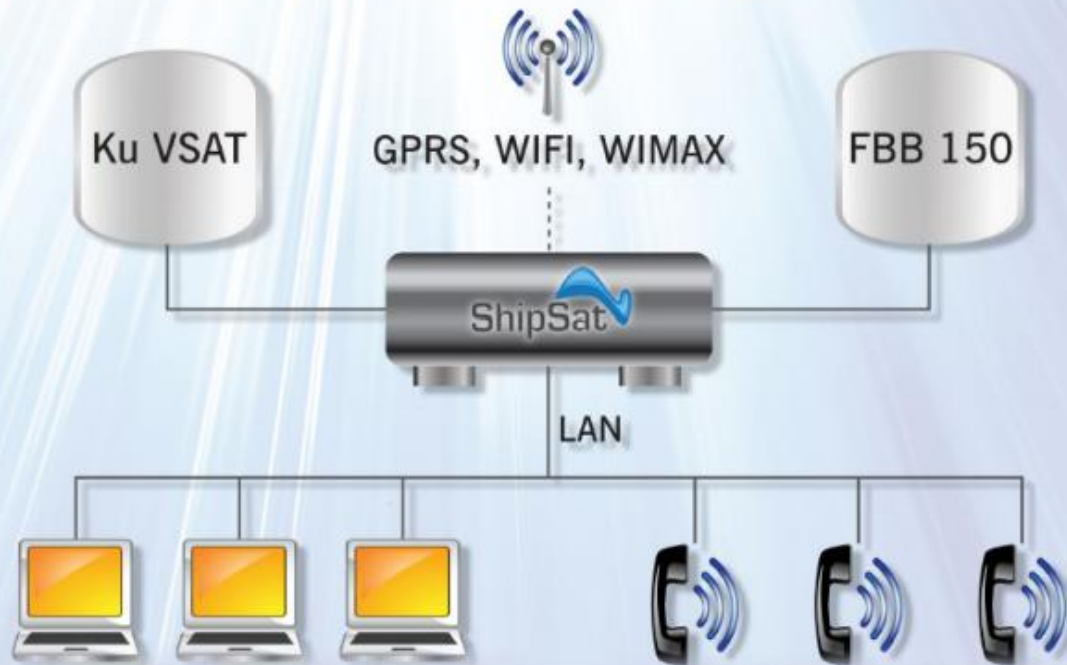


ShipSat

Managed Broadband Service



The Avant-Garde Way to Communicate at Sea

ShipSat is World-Link's managed broadband service plan designed to fit the increasing bandwidth needs of merchant shipping while managing and controlling costs of broadband and its technologies.

Satellite bandwidth is an expensive resource. **ShipSat** provides centralized, remote, and proactive management of the satellite broadband connection. **ShipSat** leaves the challenge of making the best use of your connection to our Tech Squad of dedicated professionals available to you 24/7.

ShipSat service rates are tiered to accommodate vessels with high bandwidth demand that already have FBB or Fleet systems onboard and are looking for a more affordable and cost predictable solution. The standard plan, starts at \$1850 with a 36 month contract.

Technical Features

- ◆ Link Switching
- ◆ Link Optimization
- ◆ Internet Café Access
- ◆ File transfer & Directory Sync
- ◆ Router / Network Server / Firewall / VPN
- ◆ Remote Access
- ◆ Anti Virus / SPAM and Intrusion prevention
- ◆ Integration / Dashboard

Benefits

- ◆ Always on, Global coverage
- ◆ Flat monthly Ku-rates
- ◆ Secure & reliable broadband connection
- ◆ System quick and easy to install
- ◆ Use of email and Internet
- ◆ Predictable cost control
- ◆ 24/7 customer and technical support
- ◆ The advantage of WLC value-added products onboard



Technical Features



Link Switching

- ◆ Switch between up to 3 Standard Ethernet Links - FBB, VSAT, and OpenPort
- ◆ GPRS/3G, Fleet MPDS, and Wi-Fi
- ◆ Priority levels for automatic switching are fully customizable
- ◆ Manual link control

Link Optimization

- ◆ Compression on the fly of all web content, in both directions
- ◆ Lossy compression and content caching
- ◆ Web acceleration - pre-fetch of content from shore eliminates load times
- ◆ Removal of ads

Internet Café Access

- ◆ Pre-paid and post paid billing
- ◆ Configuration and administration at User, Ship, and Fleet Levels
- ◆ Reports available at User, Ship and Fleet Levels

File transfer & Directory Sync

- ◆ Upload files from shore to be delivered to ship only when specified link types are available. Files will be compressed and await delivery onboard.

Router and Firewall Functionality

- ◆ Configuration can be updated and backed up remotely
- ◆ Control internet access based on the link type being used
- ◆ Control web access black & white list at User, Ship and Fleet Levels
- ◆ Simple Firewall Profiles & Advanced Rule creation available

Remote Access

- ◆ ShipSat Gatekeeper allows remote administration of other onboard PC's

Anti Virus & SPAM and Intrusion Prevention

- ◆ All Web content scanned for infection before delivered to the ship
- ◆ All Web content checked against updated database of malware infected sites
- ◆ AV Scanning of all traffic types coming in and out of the ship

Integration & Dashboard

- ◆ Easily manage ShipSat options through Shore-Side web interface
- ◆ Back-up and restore from last configuration
- ◆ Management levels for system configuration include :

I - System Owner / Fleet Manager

- ◆ Manage configuration at User, Ship and Fleet Levels
- ◆ Create fleet groups
- ◆ Create User Accounts
- ◆ Review Status
- ◆ Read Reports

II - Ship Master / Captain

- ◆ Configures Local ShipSat Gatekeeper
- ◆ Create and Manage User Accounts
- ◆ Read Reports

III - End User

- ◆ View reports for own account

End-User Interface

A point-of-entry page provides access to World-Link's Services including :

- ◆ Ahoy-Ahoy, The Seafarer's World
- ◆ ShipMail Web Interface
- ◆ User Reports
- ◆ Personal Favorite Links.

