

Optimizer Enterprise Data Router & VoIP Gateway

RedPort™

The Optimizer Enterprise Series

RedPort Optimizer Enterprise is the all-in-one solution for VoIP and Data services on vessels of any size. Or, integrate Optimizer Enterprise with your existing network as the central hub for crew welfare, business operations and VoIP services. Optimizer Enterprise lets you provide crew access, increase operational efficiency, optimize data and manage your network.

With Optimizer Enterprise, you'll save money on airtime, increase operational efficiency through better communications, and be able to monetize airtime by providing services to passengers and crew.

Who Is It Good For?

Optimizer Enterprise can manage high-demand networks for operational efficiency and crew and passenger access in a marine environment.

- Cruise Ships
- Cargo/Transport Vessels
- Offshore Oil Rigs
- Commercial Fishing
- Basecamps/Remote Lodges

A networking professional, either on staff, or engaged via RedPort, is recommended for proper configuration.

Optimizer Enterprise for VoIP

Optimizer Enterprise PBX functions can run an unlimited number of VoIP extensions via any analog, Ethernet, Wi-Fi or smartphone, convert from VoIP to circuit-switch, and offer a managed pre-paid platform, all with some of the best compression rates on the planet: 10 minutes of talk time per MB. Optimizer Enterprise allows for 4 simultaneous outgoing calls over most satellite broadband terminals. PIN-codes can be created for crew, passengers, work teams, and guests for both data or voice calls.



*Optimizer Enterprise
in compact and rackmount*

The Value Proposition

Optimizer Enterprise routers and VoIP gateways replace (or integrate with) other enterprise-grade routers that cost many times more. Because they are built from scratch for marine satellite installations, they are more durable and provide more services than standard routers. Properly configured Premium services will save customers thousands of dollars by preventing runaway airtime and the resulting bill shock, and provide valuable services for use or resale to passengers and crew.

Compatible With:



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Services Overview

- Firewall/Router
- Onboard Captive Portal (PIN-code service)
- Out of Band Management
- Multi-WAN for Failover and Load-Balancing
- Shared Web Caching
- Logging
- \$ RedPort Email
- \$ Shared Web Compression
- \$ Shoreside Captive Portal










Available Models

- wXa-524-D0 Desktop Quad Core; 0 analog ports
 - wXa-524-D1 Desktop Quad Core; 1 analog ports
 - wXa-524-D4 Desktop Quad Core; 4 analog ports
 - wXa-524-R0 Rackmount Quad Core; 0 analog ports
 - wXa-524-R4 Rackmount Quad Core; 4 analog ports
 - wXa-524-R8 Rackmount Quad Core; 8 analog ports
- All models include 4 Ethernet Ports; 1 USB Port; Wi-Fi

Options

- GSM Module for Cell Phone Connectivity
- WiFi Option for Desktop Models
- Halo WiFi Extender for Up to 7 Miles Connectivity
- Additional Memory and Disc Space

Features & Services

 <h3>Satellite Email</h3>	 <h3>Web Compression</h3>	 <h3>CrewCommCenter</h3>
<p>RedPort routers include a full POP/SMTP RedPort Mail server. Users can access email via a local web page or by simply entering settings into their preferred email client (such as Outlook or Apple Mail) with up to 20 times acceleration, making RedPort XGate mail the premier choice for satellite email service.</p>	<p>Transparent proxy service can automatically reduce http data consumption by a factor of 3-5 times, saving on valuable airtime, and accelerating limited satellite data speeds.</p>	<p>Controlled Crew access to Ship Announcements, Chat, SMS, Social Networking News, e-Learning and more.</p>
 <h3>GPS Tracking</h3>	 <h3>Captive Portal</h3>	 <h3>Routing and Logging</h3>
<p>Reliably track vehicles or vessels anywhere in the world. Tracking your assets is now as simple as clicking your mouse and viewing them online. RedPort Tracking offers online maps that display exact location and offer advanced features like geo-fencing.</p>	<p>Manage and control crew, passenger and operational data access by user or PIN code across fleets with our server-based captive portal.</p>	<p>Create and manage even the most complex networks with enterprise-grade features. Experienced networking professionals will find every necessary feature to configure networks as desired.</p>
 <h3>Firewall & Filtering</h3>	 <h3>Remote Access</h3>	 <h3>Network Security</h3>
<p>Allows you to tightly manage traffic over the satellite link to block unwanted airtime usage. Allows port forwarding, domain-name filtering, network address translation, and detailed whitelisting and blacklisting of websites and services.</p>	<p>Remotely log-in and manage your local network from any Internet connection.</p>	<p>Malware, Virus, Adware blocking and removal on email and web traffic.</p>

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RedPort Global

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