



# OPTIMIZER

powered by RedPort

## Satellite Wi-Fi Router & Voice Gateway

### Optimizer

Optimizer combines a satellite Wi-Fi router with a voice gateway, offering a simple but powerful solution for individuals or small vessels to get the most out of their satellite data service. Simply connect a satellite phone or satellite terminal and Optimizer will create and manage your Wi-Fi or simple Ethernet network.

Optimizer's onboard phone exchange lets you make and receive calls with a standard telephone, ethernet phone or with a Wi-Fi-connected smartphone using the XGate Voice app. Optimizer will pass through all calls using standard satellite voice service, or use RedPort VoIP service to make up to 4 simultaneous calls.

Optimizer works with a wide range of apps for satellite users, including RedPort XGate, to enable satellite email, web, weather services, tracking and more. Best of all, it includes a firewall that blocks unwanted data usage, saving users money while ensuring maximum speed for important services.

### The Value Proposition

Satellite phones and terminals give you access to data, but no tools to manage that data. Optimizer makes your airtime count by blocking unwanted data consumption with its firewall, compatibility with the apps you need while on the water or in the field, and the connectivity you need via Wi-Fi or Ethernet.

Free Services include routing, Wi-Fi, firewall, voice access, and NMEA GPS repeating.

Properly configured Premium services will save customers thousands of dollars by preventing runaway airtime and the resulting bill shock.

### Optimized Data

- One USB and one Ethernet input to connect satellite phones and terminals, or cellular modems
- Firewall and filtering
- Network Security
- Remote Access
- Compatible with Inmarsat, Iridium, Globalstar, Thuraya and VSAT devices
- Compatible with Mac, Windows, iOS and Android devices

### Optimized Voice

Connect a handheld satellite phone or voice-enabled; satellite terminal, and Optimizer will create a local phone network with up to four extensions for you. You can then make and receive calls with your smartphone running the XGate Phone app, with a telephone plugged into the standard RJ-11 telephone jack, or with an Ethernet or SIP WiFi phone.

RedPort VoIP services let you make up to four simultaneous calls and offers postpaid and prepaid service for operations or crew calling.

### Optimized Everything

Optimizer works with the XGate app ecosystem. That means it works with popular apps for email, weather, navigation including XGate, PredictWind, SeaView, Iridium Mail & Web, and dozens more.

Additionally, Optimizer provides GPS tracking via RedPort tracking services, Tracertrak, and many of the world's most popular satellite-based tracking services.






**Compatible With:**





## Optimizer Services

Optimizer works with compatible software services running on a laptop, tablet or smartphone. Optimizer is designed to work with RedPort XGate and XGate-based services to deliver:

-  **Email** – Accelerate email service up to 20 times, saving up to 85% on satellite airtime
-  **Social Media** – Update Sailblogs or any platform that lets you post via email.
-  **Blogging Service** – Get a free Sailblogs Premium Basic account with a compatible service.
-  **Satellite Phone Weather Services** – See local marine and atmospheric conditions or use PredictWind Lite (included with XGate) to get accurate weather forecasts
-  **Tracking** – Automatically sends your phone or terminal's built-in GPS data to a compatible tracking service

## Specifications

<b>Size:</b>	11.6 x 8.6 x 2.5 cm 4 9/16" x 3 3/18" x 1 1/16"
<b>Weight:</b>	0.18 Kg 6.4 ounces
<b>Memory:</b>	RAM 128 MB FLASH 16 MB
<b>Power:</b>	12V 4A DC

## Ports

Ethernet LAN:	1
Ethernet WAN:	1
RJ-11 Analog:	1
USB:	1

## Certifications

FCC, CE, RoHS, AU, NZ

## Wi-Fi

2.4 Ghz, IEEE 802.11b/g/n  
1-14 operating channels