

## RedPort Optimizer for Satellite Phone Data



Blog

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**Brand New Version!** The wXa-112 is a new and improved version of the classic Optimizer.

**New Features Include:**

- GSM support to switch between satellite and GSM when available
- USB 2.0 compatibility for greater functionality
- Much faster processor

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RedPort Optimizer and [XGate satellite email service](#) work together to save you time and money - while connecting you to the people and information you need.

Simply connect Optimizer to your satellite phone or broadband terminal, and it will create a WiFi hotspot for your computer, tablet or smartphone. XGate satellite data service works with Optimizer to let you access accelerated email, web browsing, download your favorite weather files, or post to Facebook, Twitter or LinkedIn. Most importantly, you can avoid runaway satellite phone airtime bills thanks to its powerful firewall.

- WiFi signal makes setup and use with compatible computers and tablets easy
- Firewall stops all unwanted data traffic
- Works with XGate for email, web, weather & social media services - with up to 85% savings on satellite airtime
- Track GPS locations from GPS-enabled satellite devices
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# Firewall Solves Satcom Data Problems

## Compatible Software

Optimizer requires a subscription to [XGate satellite data service](#) in order to establish a connection with a satellite phone or terminal.

## Compatible Operating Systems:

- Windows XP, Vista and 7, both 32 and 64-bit versions
- Apple Macintosh
- Apple iOS devices (iPhone, iPad & iPod Touch)

## Works with all standard satellite equipment including:

- **Inmarsat** IsatPhone Pro; BGAN; FleetBroadband
- **Iridium** 9555; Extreme; OpenPort; 9500\*, 9505\*, 9505a\*
- **Globalstar** GSP-1700; GSP-1600\*, GSP-2900\*
- **Thuraya** USB and IP
- **and other systems.**

\* Some Equipment Requires Compatible Serial-USB cable (not included)

## How RedPort Optimizer Works

RedPort Optimizer eliminates the problems associated with most USB cables, and boasts a firewall that eliminates all unnecessary computer traffic, giving you access to the maximum throughput of your satellite phone data service. In fact the built in firewall blocks ALL traffic except that carried through [XGate](#). This means that once the link is established data flows through the pipe at optimum speeds giving you the **best possible transfer rate**. This allows you to browse the Internet with [Xweb](#) compression increasing the effective bandwidth of the connection while reducing airtime costs. Since nothing traverses the router except XGate email and XWeb compressed web data, unwanted traffic is eliminated. This prevents surprise airtime bills caused by unmonitored and unwanted background computer traffic such as operating system and other software updates.

**But...it gets better.** The RedPort Optimizer is very reasonably priced with a modest monthly fee for ongoing data compression services. [Price](#) varies depending on length of subscription. It runs on 12V and has an external battery which allows it to be used as a stand alone hotspot in remote locations.

**But...it gets even better.** The router works with virtually all satellite providers and all computer operating systems. And it also works with Beam docking stations and Fleet phones. This means that Mac OS X users can now do data over Beam products, which was previously not possible since Beam does not provide drivers for this platform.

Finally at only 4.0"x2.75" inches, the GMN RedPort Optimizer WiFi device is small and light enough to take anywhere.

## Your SatPhone + RedPort Optimizer = WiFi HotSpot at Sea



### RedPort Optimizer Works with Virtually All USB-based Satellite Phones

Need email and the web in a convenient, economical small package to work with your satellite phone? The RedPort Optimizer works with virtually any satellite phone and your PC, Mac or your iPod Touch, iPad, iPhone. You can do it all, from anywhere in the world.

Supported phones include:

- Inmarsat IsatPhone Pro
- Iridium 9555
- Directly connected to any IP-based wireless service
- Iridium Extreme (9575)
- Globalstar GSP-1700
- Thuraya IP
- All Thuraya USB-based phones

### RedPort Optimizer Works with Compatible Serial or Ethernet-based Phones and terminals

- Inmarsat FleetBroadband
- Inmarsat BGAN
- Special cable required for the following:
- Iridium 9500
- Iridium 9505, 9505A, 9522
- Globalsat GSP-1600
- Globalstar GSP-2900

### RedPort Optimizer Airtime Savings for Satellite Email and Web

Using the RedPort Optimizer with Mac, Windows or iOS devices, accelerates satellite phone data transfers: up to 15-20 times faster for email, and 3-5 times faster for web browsing.

Operating System	Features
Windows	email web acceleration
Mac	email web acceleration
iOS	email web acceleration
Linux	email web acceleration

### The RedPort Optimizer XGate Email and Web Browsing Experience

Designed explicitly to make the most of the narrowband data services, the RedPort Optimizer uses XGate extraordinary data service to automatically dial, start and end data calls, and eliminate the unnecessary demands common with most computing devices, giving you automatic and complete access to the data feed.

- **Compression and optimization:** Send and receive email up to 20 times faster than uncompressed rates.
- **Offline Mode:** Create and read messages offline, messages are cached on your device for immediate access. Only use airtime to send and receive messages.
- **Multi-lingual support:** Includes dictionaries for English, Spanish, Italian, Swedish, German, Dutch and French
- **Attachment Management:** Preview headers and save unnecessary download time while keeping large files safely accessible for later viewing.
- **Email Fetching:** Retrieve mail from other email accounts or corporate mail servers.

### **RedPort Optimizer Web Features Via XWeb**

XWeb accelerates data and three levels of optimization let you customize your browsing experience.

Features include ad removal, pop-up removal, flattening of animated images, and highly efficient compression.

### **XGate Email and XWeb Access other IP-based services**

Access Email and web browsing using other IP-based services including:

- Marina WiFi connections
- Cellular USB connections
- Directly connected to any IP-based wireless service

Access to premium services, including:

- SailBlogs satellite phone blogging service
- Crew Accounts
- GPS Vessel Tracking
- Automated File Transfer

### **RedPort Optimizer Tracking Service**

Track your location with the industry-leading [GSatTrack service](#). The RedPort Optimizer provides tracking data using the GPS chip built into satellite terminals including Inmarsat FleetBroadband, BGAN and IsatPhone Pro devices.

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## How To Update Optimizer Firmware