



# Preferred Communications

## NEW REDPORT 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, and compatible satellite terminals 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 to an Iridium Certus or Inmarsat broadband 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



### Features

**Satellite** – Turns any IP-based satellite data signal into a Wi-Fi Hotspot

**Firewall & Filtering** – Manage traffic over the satellite link to block unwanted airtime usage. Allow port forwarding, domain-name filtering, network address translation, and detailed whitelisting and blacklisting of websites and services

**Wi-Fi** – Hotspot makes setup and use with compatible computers and tablets easy

**New! Voice** – When connected to an Iridium Certus or Inmarsat satellite terminal use your standard satellite voice service with your smartphone over our included PBX

**GSM support** – Plug in a compatible GSM USB-modem when you have GSM access to keep all the speed and convenience benefits of Optimizer, wherever you are



**Remote Access** – Remotely log in and manage your local network from any Internet connection

**Network Security** – Manage and control your local network for maximum security

Premium Services with Optimizer. Optimizer requires a subscription to a RedPort-certified data service program like XGate satellite data service in order to establish a connection with a satellite phone or terminal.

- Email – Accelerate email service up to 20 times, saving up to 85% on satellite airtime
- Satellite Phone Weather Services – See local marine and atmospheric conditions or use PredictWind Lite (included with XGate) to get accurate weather forecasts
- 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.
- Tracking– Automatically sends your phone or terminal's built-in GPS data to a compatible tracking service

[Click here for more information](#)

## CRADLEPOINT MOBILE ROUTERS

The Cradlepoint **IBR900** Series router is a ruggedized Gigabit-Class LTE networking platform that was designed for persistent connectivity across a wide range of in-vehicle and mobile applications as well as portable or fixed IoT installations. The IBR900 Series accommodates environmentally harsh environments while delivering enterprise-class standards of reliability, scalability, comprehensive management, and security.

### FEATURES

- Robust, dependable Gigabit-Class LTE network platform for first responders and commercial fleets
- Ruggedized for vibration, shock, dust, splash, and humidity
- Mobile SD-WAN for optimized multi-link LTE connectivity
- GPS for AVL integration and location tracking to provide current and historic vehicle location
- Dual-modem capability with COR Extensibility Dock for multi-link dependability
- Heat mapping for an LTE signal strength map of all areas a fleet has driven
- WiFi-as-WAN for data-intensive tasks such as video offload

The Cradlepoint COR **IBR1700** router is a ruggedized Gigabit-Class LTE networking platform that provides the next step on the Pathway to 5G. It is designed for persistent connectivity across a wide range of com-

mercial and public sector in-vehicle and mobile applications, including first responders, mobile command centers, mass transit and school buses, commercial truck fleets, and near-shore vessels. With the available Gigabit-Class LTE modem, optional second modem, 802.11ac Wave 2 dual-band, and dual-concurrent Gigabit WiFi, the IBR1700 routers provide reliable 24x7 connectivity for employees and devices, both inside and outside the vehicle.

### FEATURES

- World's first mobile router with Gigabit-speeds for LTE, Wi-Fi, and Ethernet delivering best-in-class enterprise grade performance
- Field-upgradable with second modem for continuous connectivity (with second wireless carrier)
- Precision GPS with dead-reckoning enables advanced location-based applications
- OBD-II support with accessory cable for vehicle health and diagnostics reporting
- Extensibility with GPIOs, Router SDK, and NCM API for customizable solutions
- Unified edge security including multi-zone firewalls, IDS/IPS, and Internet security
- FIPS 140-2 Inside versions available
- Certified on multiple public safety networks

[Click here for more information](#)



**"KEEP TABS ON VEHICLES ACROSS THE MAP"**



**"SECURELY SEND SENSITIVE DATA"**



## THURAYA X5 TOUCH

The Thuraya **X5 Touch** provide similar functionality to terrestrial mobile phones like voice, SMS and low-bandwidth Internet access, fulfilling basic connectivity needs. Now, imagine a phone that combines the power of satellite and the functionality of a smartphone. A phone that does not only rely on a terrestrial cell phone network but has the capability of beaming its calls and data to and from satellites orbiting the Earth.

The Thuraya X5-Touch is the **world's first** Android TM based satellite & GSM phone offering unparalleled flexibility. It runs on the Android operating system and has a 5.2" full HD touchscreen for users who frequently move in and out of terrestrial coverage across a range of market sectors including government missions, energy projects, enterprise communications, and NGO deployments.

### Features

**Android OS:** The Thuraya X5-Touch runs on the Android platform from Google. A range of Google applications and services are preinstalled on your device, for example Gmail, Google Maps, Google Chrome, Google Search and the Google Play Store gives you access to a multitude of available 3rd party apps.

**Display:** The X5-Touch comes equipped with a 5.2" full HD touchscreen made of glare resistant Gorilla

glass. The toughened glass also works while the display is wet or while you are wearing gloves.

**Dual mode. Dual SIM:** Communicate seamlessly in satellite and GSM mode: The Thuraya X5-Touch works over Thuraya's L-band satellite network as well as GSM 2G/3G/4G/LTE networks. It comes equipped with two nano SIM card slots for complete flexibility and choice. Choose from a combination of both a Thuraya SIM card and a GSM SIM card, or any combination of SIM cards that meets your requirements

**SAT and GSM "Always On":** Make and receive calls simultaneously on both networks with the unique SAT and GSM "Always On" function. For a true dual experience, you can receive calls on your GSM number even when on an active satellite call and vice versa.

**Advanced navigation capabilities:** The phone comes equipped with GPS, BeiDou, and Glonass systems for the highest flexibility in all regions. Use the preinstalled navigation and tracking apps to send your current location details to pre-defined numbers via SMS or email, based on pre-set time intervals, distance travelled or when moving inside or outside your pre-set geofence.

[Click here for more information](#)

**SMARTEST SATELLITE PHONE**



**MAKE THE MOST OF YOUR CAMERA**

## NEW GETAC B360 AND B360 PRO



*“Sleek and Strong”*



*“Portable, Powerful”*



*“Fully Rugged, Robust, Anytime”*



Ready to perform when you are, the fully rugged B360 is your next-generation portable computing powerhouse. The all-new **B360** delivers lightning-fast response through 10th Generation Intel® Core™ processor and Intel® UHD graphics. This fully rugged laptop is light, portable and meets the rugged certifications. Built for extreme conditions, the B360 is reliable and ready for work. Public Safety, Utilities and Manufacturing—meet **B360**.

### Partner in Performance

Your fast-paced environment requires a machine that can keep up. Powered by a 10th Generation Intel® quad-core processor with an option of up to 6 cores, the B360 delivers extraordinary CPU performance. This fully rugged computing powerhouse offers real-time rapid responsiveness and a rich UHD visual experience. Move with ease and speed through increased bandwidth and higher transfer speeds. Windows 10 Pro and a dual battery allow you to do more tasks simultaneously without slowing down. Removable dual user-replaceable storage: PCIe SSD and SATA SSD allows you to minimize downtime and destroy classified data with ease. Remove data as needed knowing all information is safely secured back at headquarters. Set your expectations high—the B360 is ready to answer.



### Responsive and Resilient

Your ever-changing environment needs a machine that can adapt. The B360's touchscreen display responds seamlessly to a diverse range of touch. Complete with LumiBond® 2.0 Technology, the capacitive touchscreen is responsive to a finger, pen or glove. Simply put: it works the way you work. FHD LCD display provides crisp readability on our energy-efficient and super bright display. Get a clear image at night and in direct sunlight regardless of outdoor light levels. The B360's sunlight-readable solution boosts brightness up to 1400nits, giving the B360 one of the brightest multi-touchscreen on the market.

### Lightweight and Portable

Cumbersome equipment can put undue strain on workers in already stressful conditions. The nature of the job requires your team to carry their mobile data terminal. Getac helps to lighten their load with a portable computer that will work with them—not against them. The B360 easily transitions between vehicle and field operation. This solid and fully rugged laptop weighs in at only 2.32kg (5.11 lbs). Its compact size saves space when docked in-vehicle or stored in a compartment. In-vehicle solutions include rounded corners for safety, portable performance in demanding environments, and easy connecting through I/O port replication at the docking station.

### Complete Connectivity

Get through a full day of work without delays or downtime. Getac's 5G-compatible B360 is equipped with Bluetooth 5.1 and Intel® Wi-Fi 6 AX200 and optional

4G LTE and integrated GPS. This means smooth streaming, fewer dropped connections, and lightning-speed mobile connectivity—even from dense urban and remote locations. An optional dedicated GPS receiver provides superior and accurate location tracking.

### NEW GETAC B360 PRO

Military-grade and mission-ready, the B360 Pro fully rugged laptop is packed with power and performance you can trust. Designed for Defense, the B360 Pro fully rugged laptop was purpose-built to operate in challenging tactical environments. This computing powerhouse delivers lightning-fast response through 10th Generation Intel® Core™ processor and Intel® UHD graphics. Your environment is physically demanding on your gear. Lightweight, portable and MIL certified, the B360 Pro is ruggedized to support critical missions.



### Packed with Performance

Dual user-replaceable storage: PCIe SSD and SATA SSD allows for easy removal of classified hard-drives knowing data is safely secured back at command. Network down? No problem—an optional DVD or Blu-Ray allows for further data transmission, installation and back up. Windows 10 Pro and a dual high capacity battery allow you to do more tasks simultaneously without slowing down. The stakes are high and the B360 Pro is equipped for the job.

### Complete Connectivity

Complete your entire mission without delays or downtime. Getac's 5G-compatible B360 Pro is equipped with Bluetooth 5.1 and Intel® Wi-Fi 6 AX200 and optional 4G LTE and integrated GPS. This means smooth streaming, fewer dropped connections and lightning-speed mobile connectivity—even in dense urban and remote locations. Remain completely connected to the network through real-time GIS and consistent communications. The optional energy-efficient dedicated GPS receiver provides superior and accurate location tracking. If your CONOPS requires complete connectivity, the B360 Pro is your solution.

### Versatile and Adaptable

Versatile I/O ports include two serial ports, smart card reader, headphone-out/mic-in combo, an optional 1D/2D barcode reader as well as an optional USB 3.1 Gen 2 Type C. Connect various diagnostic instruments in the field for testing, data tracking and synchronization with ease. An additional PowerShare USB allows you to charge other devices even when powered off. The dual high capacity battery with hot-swapping technology allows for a quick and easy battery change without powering the unit down. The military-grade B360 Pro was built versatile and made to adapt.

[Click here for more information](#)

## ASE PTT LINK AND DOCKING STATION

ASE continues to lead with accessories that enhance the experience and improve the performance of the Iridium 9575 PTT Extreme. The revolutionary Push-to-Talk (PTT) service of the Iridium satellite network is groundbreaking. New challenges presented themselves in using the Handset alone. Issues such as satellite blockage, microphone, and speaker volume arose in field testing. ASE has overcome these by providing the ASE PTT LINK accessory that allows the user to move the handset away from their body for better satellite connectivity.



The PTT LINK provides a more natural experience for those who are already familiar with the use of a Palm/Mic (Fist/Mic). The PTT LINK also allows for small groups to listen into and to be a part of the conversation.

The PTT LINK has two modes, Standard and Amplified Modes. The Amplified Mode allows for noisy or windy environments. The PTT Link attaches to the Iridium 9575 Extreme using the charging accessory supplied with the phone.



- Palm Microphone Speaker-PTT Experience
- Standard Volume-Better Battery Life
- Amplified Volume-Use in Noisy Environments
- Connects to Iridium 9575 Charging Base
- Rechargeable Battery Integrated
- LED Indicators for Standard and Amplified Mode
- LED Low Battery Indicator

### Satellite Phone Rentals

If you're going on a humanitarian aid mission or overseas for business, missionary work or wanting to avoid the high cost of overseas telecommunications, and outside of cellular coverage, Preferred Communications offers handheld satellite phones and a selection of Inmarsat BGAN terminals which allow you to make voice calls, check e-mail, obtain the latest news via the internet, and even stream live video from even the most remote locations.

### Satellite Phones Available for Rental:

- Iridium 9555

### BGAN Terminals

- Hughes 9202
- iSatHub iSavi

[Click here for more information](#)

The Iridium Push-to-Talk (PTT) network is indeed groundbreaking. Never before could small, or even large organizations have PTT capability to communicate anywhere in the world as a team. We even have a Cross-linking Accessory—The ASE Xlink that brings the Iridium Service to any Land Mobile Radio (LMR)—

Early appraisals and testing for Iridium users and resellers found their impression of the service at times disappointing. Expectations were high for those who were used to the incredibly robust satellite direct phone-to-phone voice service (duplex) that people had come to expect to half-duplex (one person at a time). The service is not without failings, but our experience from the beginning up until now has seen great improvements in the network connection time and voice quality. We can expect this only to get better with the Iridium NEXT constellation.

ASE's accessories enhance the service in several ways. We see the main failing is not the service but the direct visibility of the handsets antenna to the satellites. Our docking stations "step in" using our external antennas that point directly toward the sky. This single feature alone gives the connection the best possible chance of robust connections—especially when more than one PTT Handset is connecting.

### Features

- Docking Stations for Office/Headquarters, Vehicles, and Grab-and-Go
- Palm Microphone/Speaker
- Bright Indicators
- Provides Robust Connection to the Iridium PTT Network
- Convenient Charging

[Click here for more information](#)



*"Delivering total PTT solutions"*



### Support Page

The Preferred Communications staff are fully trained professionals who are capable of answering all your questions about our various products and making your purchasing experience educational and satisfactory. We are not happy unless we have helped our customers purchase the right equipment for their specific requirements.

Ever wonder how to send text messages with your Iridium satellite phone? Having trouble accessing your voicemail on your satellite phone? Lose your user manual for your satellite phone, BGAN terminal or GPS Tracking device? If you answered yes to any of those questions and more, then the Support section of our website is for you.

Just go to [www.satstar.com](http://www.satstar.com) and click on "Support" to access installation and user guides, links to the latest firmware and answers to the most common questions asked about your satellite phone or BGAN terminal.



*"Need to figure out what you need?"*

