



Aurora Feature List



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Features



Captive Portal

Manage and control crew, passenger and operational data access by PIN-code with the free onboard captive portal.



Routing & Logging

Create and manage networks with enterprise-grade features.



Firewall & Filtering

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. networks with enterprise-grade features.



Remote Access

Remotely log-in and manage your local network from any Internet connection.

Features



NMEA Repeater

The Aurora comes standard with NMEA repeating – meaning you can push your GPS location via NMEA standards to any compliant devices (like an iPad or tablet).



Web Compression

Create and manage networks with enterprise-grade features. 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.



Satellite Email

Routers include a full POP/SMTP 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 it the premier choice for satellite email service.



GPS Tracking

Reliably track vehicles or vessels anywhere in the world. Tracking your assets is now as simple as clicking your mouse and viewing them online. Tracking offers online maps that display exact location and offer advanced features like geo-fencing.

Login

Login as Admin

- Create/Manage PIN Codes
- Create Email Accounts
- See Status

Login as "SuperAdmin"

- Configure and Manage all features and settings

**You can use the Internet, but have to login first.
You must also agree to these [terms and conditions](#).**

Pincode

OR

Username

Password

Login & Accept Terms

View Usage

Portal PIN-Codes

Create

- Username/Password or Single PIN-code

Manage by:

- Total MB
- Speed (16/32/64Kb, etc)
- Daily/Weekly/Monthly Resets or hard expiry
- Time of Day

Home Status Statistics Logout

Pincodes

Generate captive portal pincodes.

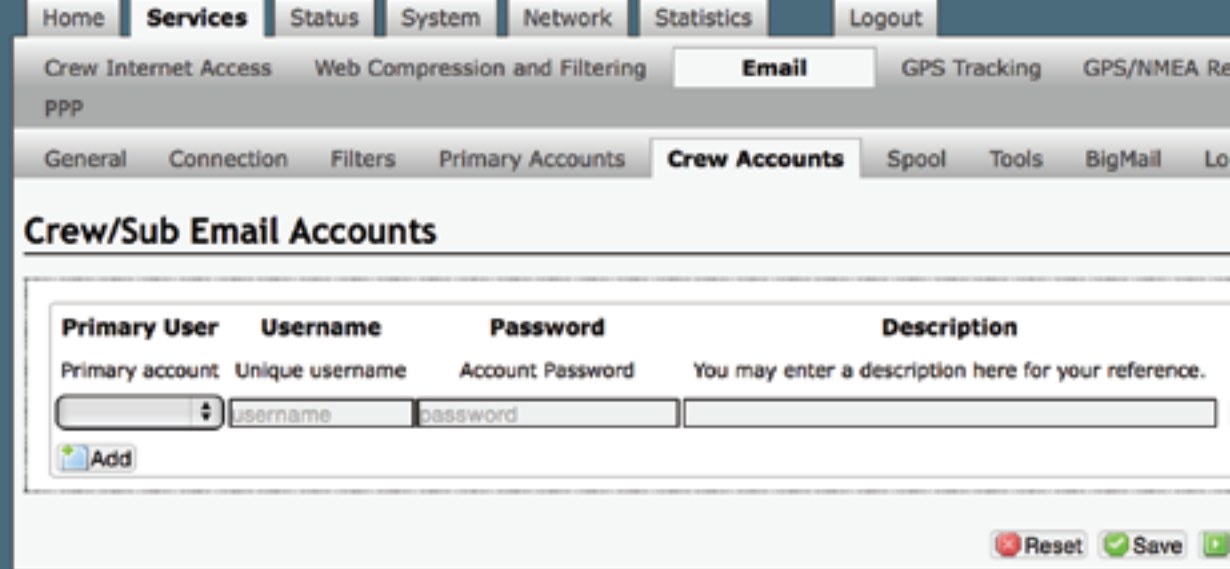
Number of Pincodes	<input type="text" value="10"/>
Prefix	<input type="text" value="1234"/> <small>number to be prepended to pincodes.</small>
Quota	<input type="checkbox"/> None <input type="checkbox"/> 1 Mb <input type="checkbox"/> 2 Mb <input type="checkbox"/> 5 Mb <input type="checkbox"/> 10 Mb <input type="checkbox"/> 20 Mb <input type="checkbox"/> 30 Mb <input type="checkbox"/> 50 Mb <input type="checkbox"/> 75 Mb <input type="checkbox"/> 100 Mb <input type="checkbox"/> 150 Mb <input type="checkbox"/> 200 Mb <input type="checkbox"/> 300 Mb <input type="checkbox"/> 500 Mb <input type="checkbox"/> 750 Mb <input type="checkbox"/> 1 Gb <input type="checkbox"/> 1.5 Gb <input type="checkbox"/> 2 Gb <input type="checkbox"/> 5 Gb <input type="checkbox"/> 10 Gb
Reset	<input type="text"/>
Expire	<input type="text"/>
Speed	<input type="text"/>
Start Time	<input type="text"/>
Stop Time	<input type="text"/>
Pincodes	<input type="button" value="Create"/> <input type="button" value="Create Pincodes."/>
Enter Filename	<input type="text" value="pincodes-2013-05-31.csv"/>
Download	<input type="button" value="Download"/> <input type="button" value="Download a CSV file containing pincodes."/>

To create pincodes for controlled internet access:
- Select pincode parameters (quota, reset interval, and speed).
- Push 'Create' to create pincodes.
- Push 'Download' to downloads CSV formatted spreadsheet.

Crew Email Setup

Email Setup

- Requires 1 Primary Account
- All other accounts can be generated by the Admin for compressed email access
- Full POP/SMTP Server works with Outlook, Apple Mail, etc. or via Webmail



The screenshot shows a web interface for configuring email accounts. The navigation menu includes Home, Services, Status, System, Network, Statistics, and Logout. The 'Email' section is active, with sub-tabs for Crew Internet Access, Web Compression and Filtering, Email, GPS Tracking, and GPS/NMEA. The 'Crew Accounts' sub-tab is selected, showing a table for 'Crew/Sub Email Accounts' with columns for Primary User, Username, Password, and Description. A form below the table has fields for 'username' and 'password', and an 'Add' button. At the bottom right, there are 'Reset' and 'Save' buttons.

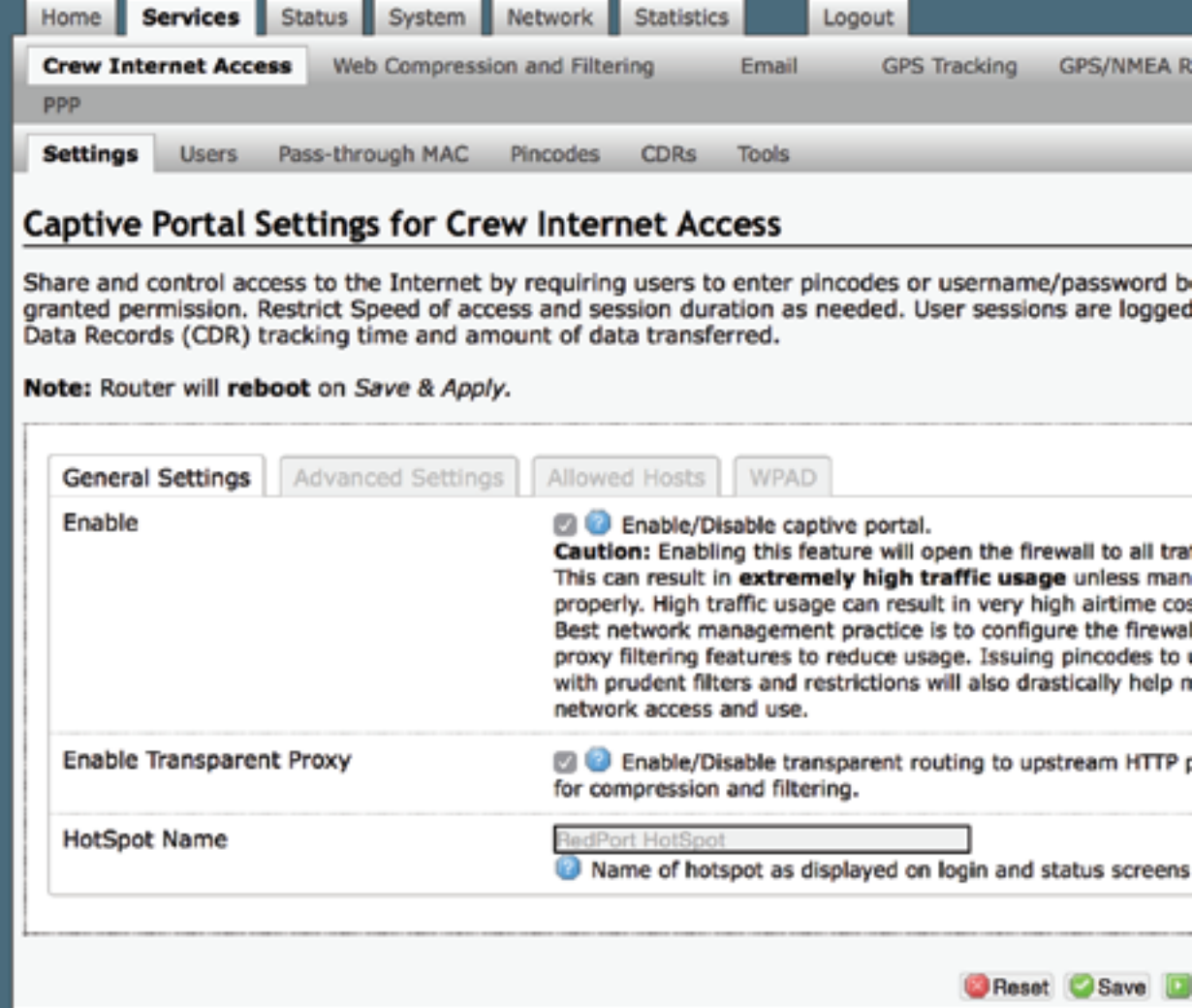
Primary User	Username	Password	Description
Primary account	Unique username	Account Password	You may enter a description here for your reference.
<input type="text"/>	<input type="text" value="username"/>	<input type="text" value="password"/>	<input type="text"/>

v

SuperAdmin

SuperAdmin

- Adds advanced configuration and network setup for all services: Email, web compression, GPS Tracking and GPS/NMEA Repeater

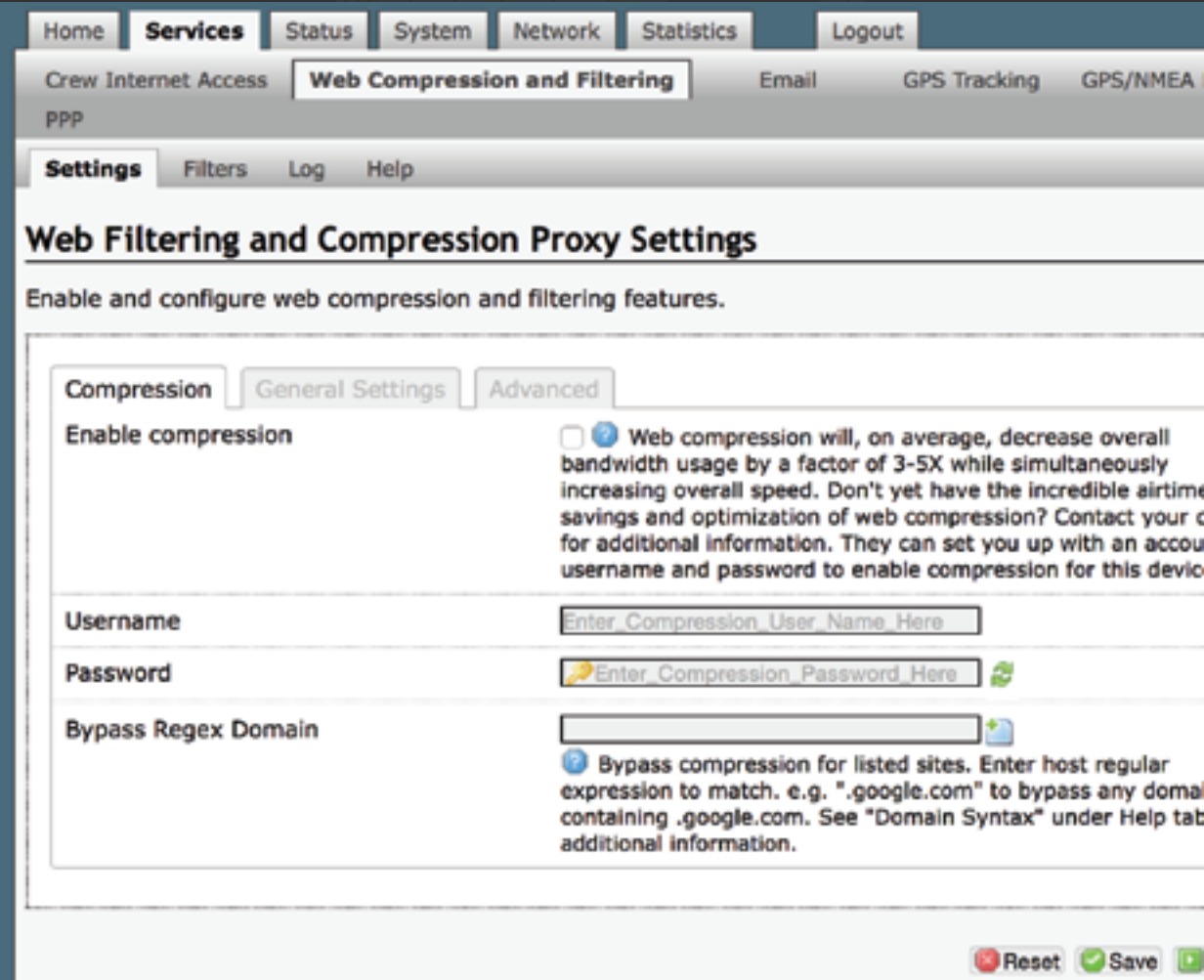


The screenshot displays the SuperAdmin web interface. At the top, there is a navigation menu with tabs for Home, Services, Status, System, Network, Statistics, and Logout. Below this, a sub-menu for 'Crew Internet Access' includes options for Web Compression and Filtering, Email, GPS Tracking, and GPS/NMEA Repeater. A 'PPP' status indicator is visible. The main content area is titled 'Settings' and includes sub-tabs for Users, Pass-through MAC, Pincodes, CDRs, and Tools. The primary heading is 'Captive Portal Settings for Crew Internet Access'. A descriptive paragraph explains that this feature allows sharing and controlling internet access by requiring users to enter pincodes or credentials. A note states that the router will reboot upon saving changes. The settings are organized into tabs: General Settings, Advanced Settings, Allowed Hosts, and WPAD. Under 'General Settings', there are three main sections: 'Enable' (checked), 'Enable Transparent Proxy' (checked), and 'HotSpot Name' (set to 'RedPort HotSpot'). Each section includes a help icon and a brief explanation. At the bottom right, there are 'Reset' and 'Save' buttons.

Shared Web Compression

Features

- Automatically provides http web compression to all users
- 3-5x average web acceleration
- Virus Scanning
- Ad blocking
- Image Compression



The screenshot shows a web management interface with a navigation bar at the top containing links for Home, Services, Status, System, Network, Statistics, and Logout. Below the navigation bar, there are tabs for Crew Internet Access, Web Compression and Filtering (which is active), Email, GPS Tracking, and GPS/NMEA. Under the active tab, there are sub-tabs for Settings, Filters, Log, and Help. The main content area is titled "Web Filtering and Compression Proxy Settings" and includes the instruction "Enable and configure web compression and filtering features." Below this, there are three tabs: Compression (selected), General Settings, and Advanced. The "Compression" tab contains the following settings:

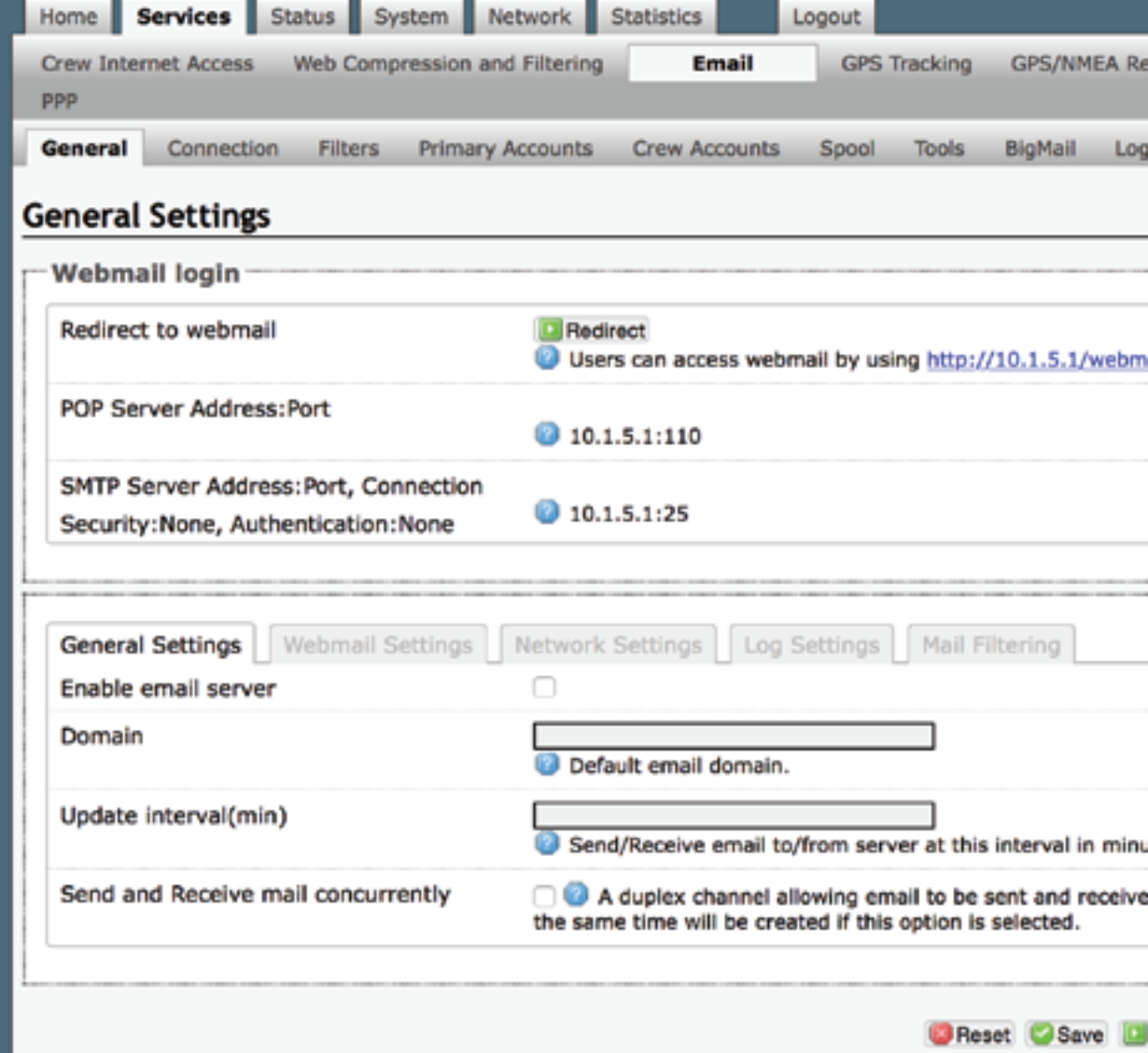
- Enable compression:** A checkbox that is currently unchecked. To its right is a help icon and a text block: "Web compression will, on average, decrease overall bandwidth usage by a factor of 3-5X while simultaneously increasing overall speed. Don't yet have the incredible airtime savings and optimization of web compression? Contact your c... for additional information. They can set you up with an account username and password to enable compression for this device."
- Username:** A text input field with the placeholder text "Enter_Compression_User_Name_Here".
- Password:** A password input field with the placeholder text "Enter_Compression_Password_Here" and a green eye icon to toggle visibility.
- Bypass Regex Domain:** A text input field with a plus icon to its right. Below it is a help icon and a text block: "Bypass compression for listed sites. Enter host regular expression to match. e.g. ".google.com" to bypass any domain containing .google.com. See "Domain Syntax" under Help tab for additional information."

At the bottom right of the settings area, there are two buttons: "Reset" (with a red 'x' icon) and "Save" (with a green checkmark icon).

Email

Features

- Advanced email settings
- 20x average email acceleration
- SPAM filtering, mail quarantine
- Onboard mail server



The screenshot shows a web-based configuration interface for an email system. The top navigation bar includes 'Home', 'Services', 'Status', 'System', 'Network', 'Statistics', and 'Logout'. Below this, there are tabs for 'Crew Internet Access', 'Web Compression and Filtering', 'Email', 'GPS Tracking', and 'GPS/NMEA PPP'. The 'Email' tab is active, and within it, the 'General' sub-tab is selected. The main content area is titled 'General Settings' and is divided into two sections. The first section, 'Webmail login', contains three rows of settings: 'Redirect to webmail' with a 'Redirect' button and a help icon; 'POP Server Address:Port' with the value '10.1.5.1:110' and a help icon; and 'SMTP Server Address:Port, Connection Security:None, Authentication:None' with the value '10.1.5.1:25' and a help icon. The second section contains five sub-tabs: 'General Settings' (selected), 'Webmail Settings', 'Network Settings', 'Log Settings', and 'Mail Filtering'. Below these are four rows of settings: 'Enable email server' with an unchecked checkbox; 'Domain' with an empty text input field and a help icon; 'Update interval(min)' with an empty text input field and a help icon; and 'Send and Receive mail concurrently' with an unchecked checkbox and a help icon. At the bottom right, there are three buttons: 'Reset' (with a red 'x' icon), 'Save' (with a green checkmark icon), and a green play button icon.

GPS Tracking

Features

- Works with any GSatTrack based tracking service

Home Services Status System Network Statistics Logout

Crew Internet Access Web Compression and Filtering Email **GPS Tracking** GPS/NMEA PPP

Tracking

Tracking Parameters

Enable/disable tracking and set parameters. Standard airtime charges apply.

General Tracking Parameters

Tracking Interval [?](#) Specify the tracking interval in minutes.

Tracking powered by GSatTrack

INMARSAT FleetBroadband	<input type="checkbox"/>
Iridium OpenPort/Pilot	<input type="checkbox"/>
INMARSAT Isatphone	<input type="checkbox"/>
VSAT or broadband satellite	<input type="checkbox"/> ? A valid NMEA/GPS feed is required. Tracking IMEI: 50286534227030.
Iridium terminal	<input type="checkbox"/> ? A valid NMEA/GPS feed is required.

Tracking via SMS

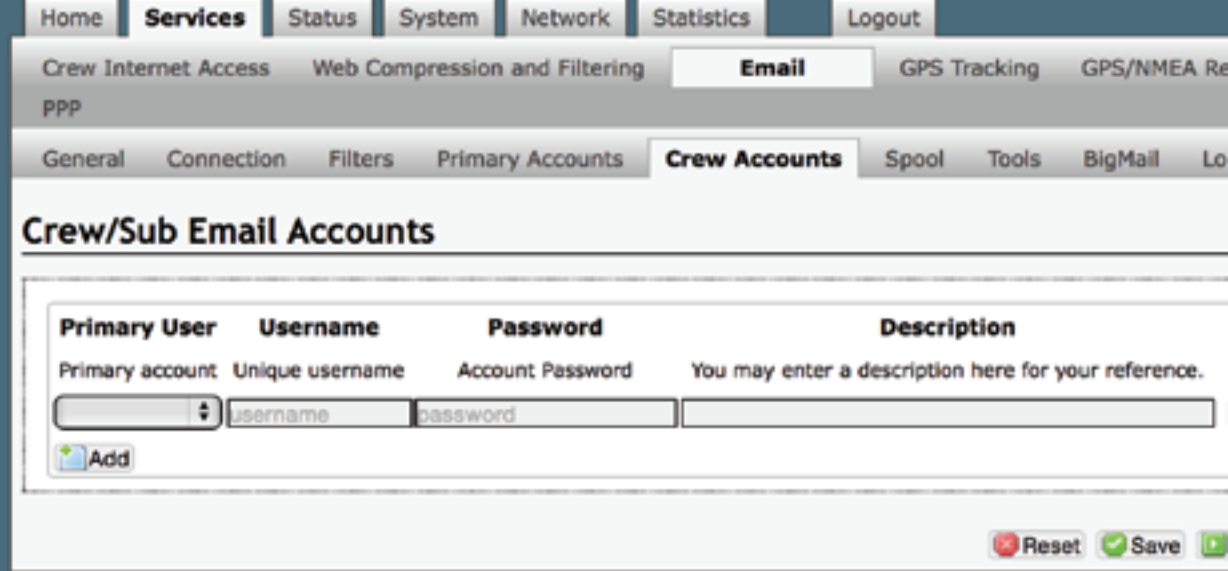
Send GPS information to an email address using satellite provider's SMS service

INMARSAT Isatphone	<input type="checkbox"/>
Iridium terminal	<input type="checkbox"/> ? A valid NMEA/GPS feed is required.
Recipient Email Address	<input type="text" value="user@domain.com"/> ? Enter a valid email address.

NMEA Repeating

Features

- Allows sharing of GPS and onboard electronics data via Wi-Fi



The screenshot shows a web interface with a navigation menu at the top containing: Home, Services, Status, System, Network, Statistics, and Logout. Below the menu are several tabs: Crew Internet Access, Web Compression and Filtering, Email, GPS Tracking, and GPS/NMEA Repeating. Under the 'Email' tab, there are sub-tabs: General, Connection, Filters, Primary Accounts, Crew Accounts, Spool, Tools, and BigMail. The main content area is titled 'Crew/Sub Email Accounts' and contains a table with the following columns: Primary User, Username, Password, and Description. The 'Primary User' column has a dropdown menu with 'Primary account' selected. The 'Username' column has a text input field with 'username' entered. The 'Password' column has a text input field with 'password' entered. The 'Description' column has a text area with the placeholder text 'You may enter a description here for your reference.' Below the table is an 'Add' button with a plus icon. At the bottom right of the page are 'Reset' and 'Save' buttons.

Primary User	Username	Password	Description
Primary account	Unique username	Account Password	You may enter a description here for your reference.
<input type="text" value="Primary account"/>	<input type="text" value="username"/>	<input type="text" value="password"/>	<input type="text"/>

Aurora

Available Services

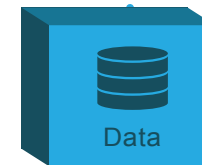
- PBX
- Conferencing
- Onboard Dialing
- Email
- Weather
- Mobile Web
- GPS Tracking
- GPS Repeating

Compatible Hardware

- VOIP Compatible Smartphones
- Analog Phones
- SIP Wi-Fi Phones
- Ethernet Phones
- iPhones, iPods or Android Phones
- iPads or Android Tablets
- Personal Computers
- Laptops

GPS

- GPS Tracking
- NMEA Repeater



7"

4.5"

Aurora

Voice

Satellite Calls Via Smartphone

The Aurora comes pre-configured for voice. Just download the free phone app to your iOS or Android device and talk on your smartphone using your satellite airtime. Your phone will connect via VoIP to the Aurora, and the Aurora translates the calls into standard satellite voice calls over Iridium so you can use standard Iridium postpaid or prepaid airtime.

Onboard Network With Multiple Phone Lines

Up to 4 lines can speak to one another over the local network, giving you a complete local phone system with extension, voicemail, and ringing options. All free.

Because the Aurora uses VoIP over local WiFi, none of these calls consume airtime. Use ethernet phones, SIP WiFi phones, or install the free phone app and use the smartphone in your pocket.

This means that a captain can call the kitchen, one room can call another, and then you can check in with your guests - all at the same time. All free.



Any Soft-phone compatible Smartphone



Analog Phone (w/Adapter)



SIP Wi-Fi or EtherNet Phone

Aurora

Data

Data Optimization

The Aurora comes with build-in data optimization. Aurora blocks unwanted data and handles all the dialing, while working hand-in-hand with satellite data services.

Satellite Email, Weather, Web, and Social Media

The Aurora provides accelerated satellite email, weather, web browsing and social media posting for Facebook, LinkedIn and Twitter. The Aurora works with your devices, including those running Microsoft Windows, Apple Macintosh, Linux, Apple iOS and Google Android operating systems.



iPod Touch, iPhone
or Android Smartphone



iPad or Android Tablet



Windows, Linux or Macintosh

Aurora

GPS



GPS Tracking for Vessel and Asset Tracking

Aurora special compression technology and advanced GPS engineering allow for the transmission of small bits of data (like GPS pings) at a fraction of the airtime cost of most satellite phones or terminals. This means that you can track your ship at pre-determined intervals. That information can be loaded on an individualized webpage with real-time tracking information so family and friends can see where you are.

Satellite GPS Repeater for Onboard NMEA Repeating

Aurora is a NMEA 2000 compliant GPS WiFi Repeater - so you can share Aurora's GPS data with virtually any of the marine electronics on your vessel - in real time. Want to steer your boat with an iPad? Now you can. The GPS capabilities of this technology are so advanced that many Aurora users simply pilot their boats with the detailed information on their iPad app rather than use a traditional GPS.



Fixed & Maritime Installations

Single, Self-contained unit

Easy installation, standard maritime mount (1" -14 threads/inch)

Single Ethernet Cable

Run it long distances, power via injector, provide external wired or wireless network

Local PBX

Create a local phone network independent of satellite

Extreme Weather Dome

Over 10 years experience in harshest locations

GPS NMEA Repeating

Transmit GPS location via Wi-Fi

Advantages

Easy to Set Up

Automatic setup for your satellite phone and computer

Easy to Use

Automatic signal detection, connection and mid-file restart

Fast

15-20X Email acceleration / 3-5X web browsing acceleration

Works with Your System

Windows 7, Vista, XP; Linux; Apple Mac OS X + iOS; Google Android

Scalable

Individual and Crew Versions



Accelerated Email

Send and Receive Email with 15-20x acceleration

Setup Wizard

Eliminates tech support for setup

Connection Control

Automatically starts and ends data call as needed

Mid-File Restart

After dropped call, automatically restarts where it left off

Email Fetching

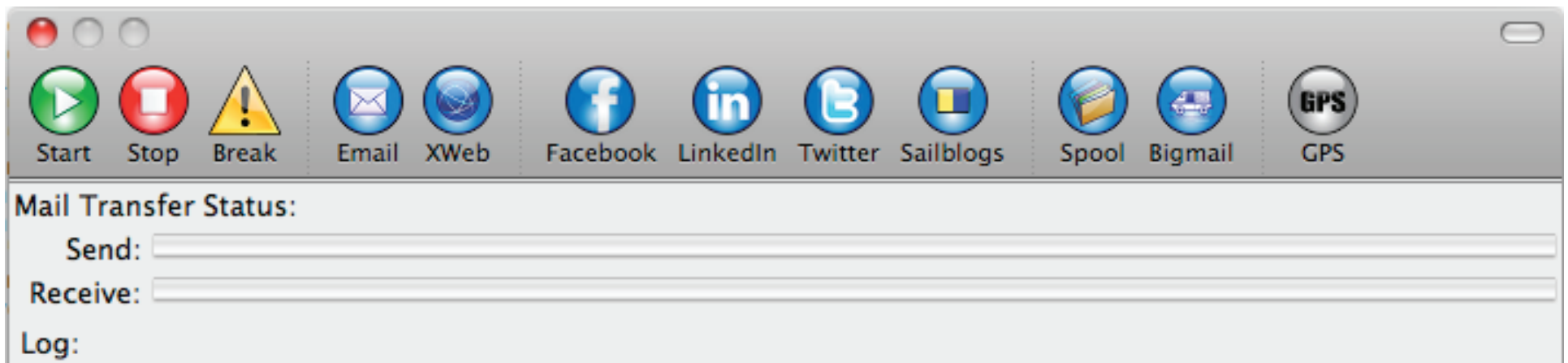
Automatically fetch mail from any account

Bigmail

File size management and quarantine

File Transfer

Automated file transfer for inventory, reporting, etc.



Social Media Services

Update Facebook, LinkedIn and Twitter

Facebook

Post up to 255 characters, plus pictures – The Aurora will resize and compress images down to an average of 10kb

LinkedIn

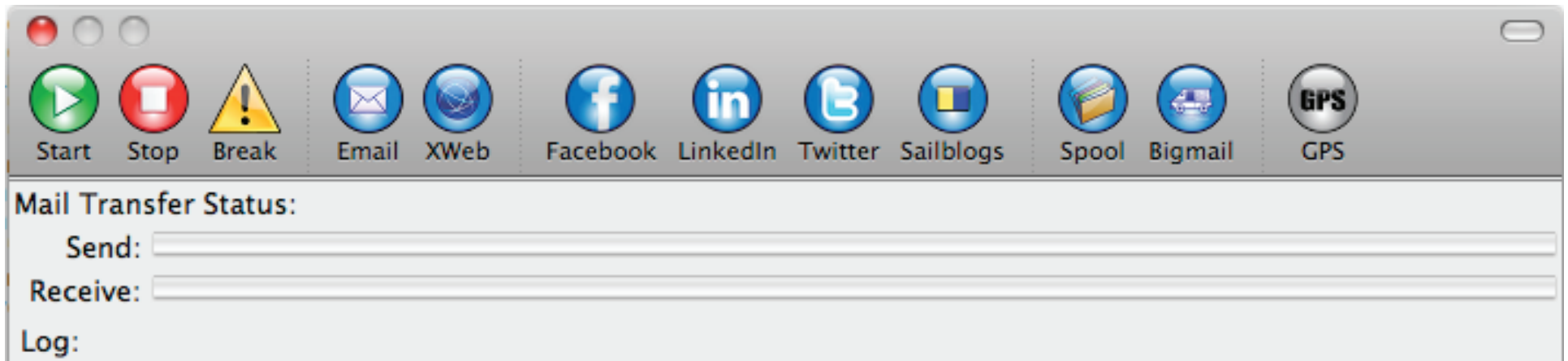
Share updates up to 700 characters

Twitter

Tweet up to 160 characters to followers

Simply select Facebook, LinkedIn or Twitter and enter your update. You can even publish photos to show people exactly what you're seeing. The Aurora will compress and send your message, sharing your experiences easily and seamlessly.

All updates are sent once you press the “Start” button in a batch with any email messages



Accelerated Web Browsing

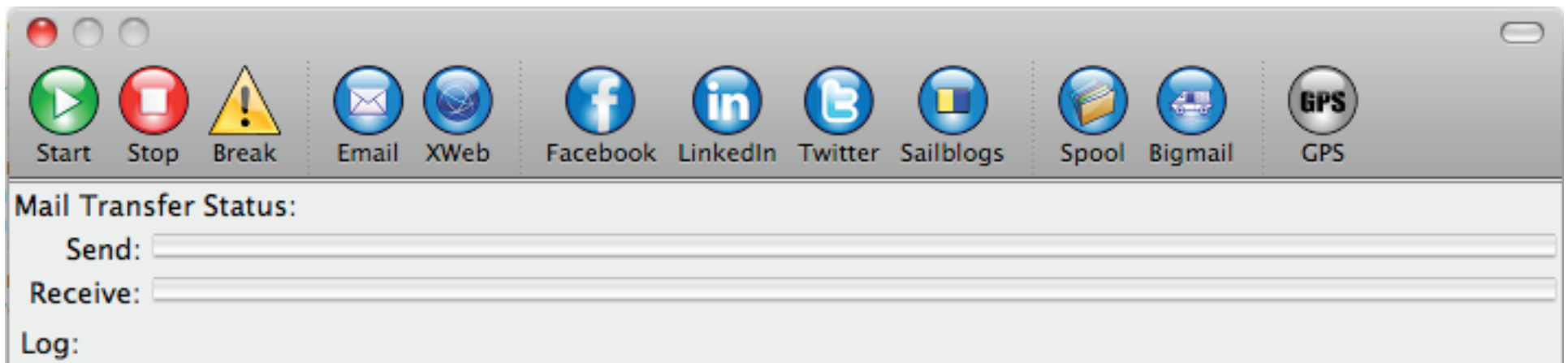
Browse the web 3-5 times faster on average; up to 10 times faster

Aggressive Web Compression

The Aurora blocks all advertising, strips out backgrounds and animations, compresses images by 10 times, Blocks pop-ups, compresses text, and re-renders the web-page for the user.

View Unmodified

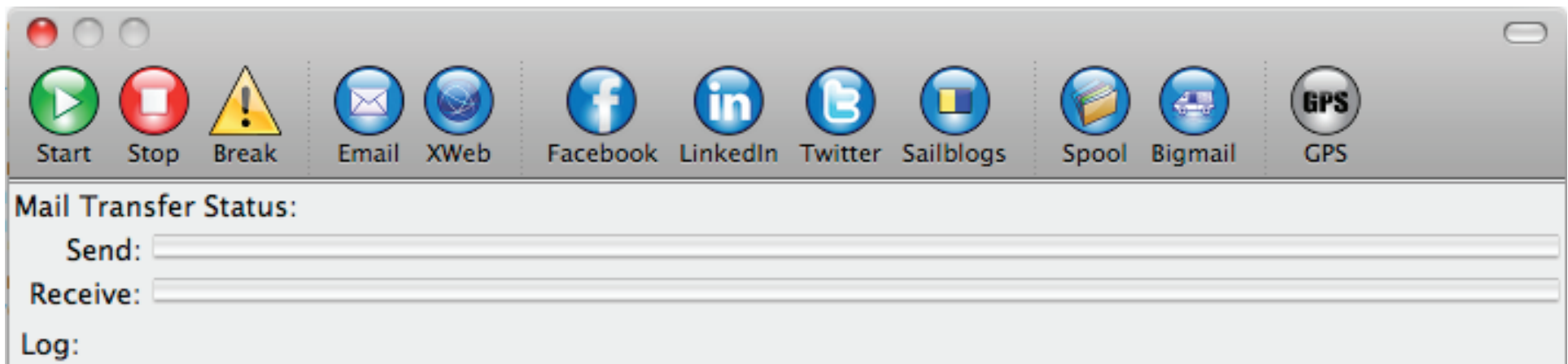
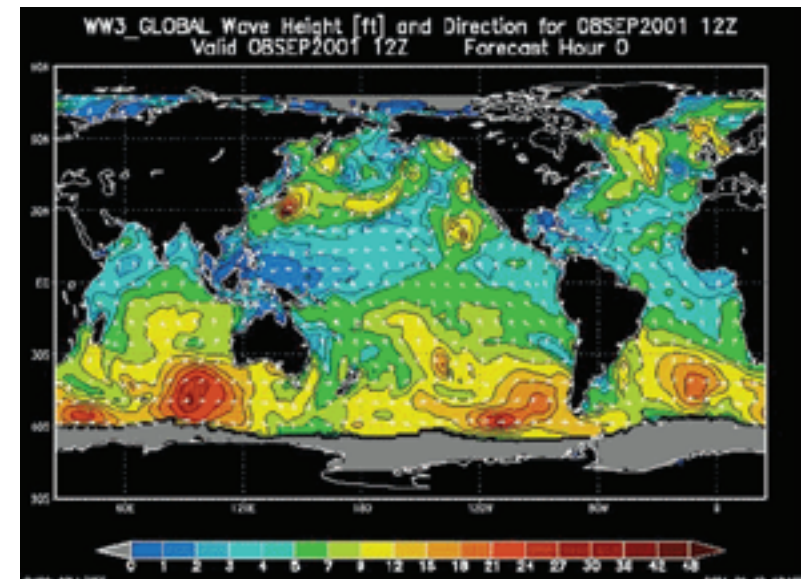
Users can adjust compression levels and even view the unmodified pages if desired.



Weather Data

Get free GRIB and other weather files via Email

- GRIB Files
- New! GRIB viewer included for free
- Up to date weather data
- Small file size downloads well over handheld data feed
- Auto-email requests connect to keep you up to date
- Works with any standard GRIB file viewer



The image shows a software interface with a toolbar and a status window. The toolbar contains icons for Start, Stop, Break, Email, XWeb, Facebook, LinkedIn, Twitter, Sailblogs, Spool, Bigmail, and GPS. Below the toolbar is a window titled "Mail Transfer Status:" with fields for "Send:", "Receive:", and "Log:".

Weather Forecasts

Get free weather forecasts from NOAA on iOS and Android

- Multiple locations: current GPS location, location by airport code, or enter a specific GPS location
- 3-7 day user-selectable forecasts
- 1-6 hour display frequency
- Metric and Imperial measurements support
- Selectable weather parameters including: temperature; surface pressure; wind speed; wind direction; wave period; wave height; visibility; wave direction; rain; freezing rain; UV index; total precipitation; cloud cover; dew point; perceived temperature; thunderstorm probability; and more.



Feature List

Easy to Setup

- Automated Setup Wizard
- Includes Email Client (Thunderbird or iScribe)
- Works with 3rd party clients (Outlook, etc.)
- POP, IMAP, SMTP Support
- Webmail access
- Mail Fetching
- Mail Forwarding
- Rules (such as Holiday mode)

Secure

- Local file encryption
- Full DES/PGP Encryption
- Server-side Virus Scanning and Spam filtering
- White/black list

Social Media Integration

- Post to Facebook, Twitter and LinkedIn

Easy to Use

- Offline mode
- Automatic Dialing/Hangup
- Signal Detection
- Mid-File Restart
- Bigmail file-size management
- SMS notification of new messages
- Language Support
- Spell Check with 25 language dictionary

Satellite Web Browsing

- 3-5 X average acceleration
- 80% average airtime savings
- Ad blocking
- Image re-rendering
- Page regeneration

Optional Services

- Crew Accounts
- Email Fetching
- GPS Tracking
- File Transfer
- One-click Blogging