



**ANY OPERATION
ANY ASSET
ANYWHERE**



SkyLink Product Overview

SkyLink Main Components



Dual Mode
Data Gateway



Communications
Companion



Backup Battery

SkyLink Overview

- Dual-mode cellular & Iridium Certus
- Iridium Certus 100 - 88 kbps DL (RX), 22 kbps UL (TX)
- 2 high-quality voice channels
- Internet/VPN access
- App based Push-To-Talk
- Messaging
- Local WiFi connectivity
- External inputs and output
- Remote monitoring/tracking and configuration
- Cloud-based network eco-system



Technical Specifications

- Input voltage: 12 VDC (10-34 VDC)
- Output power: 18W peak power (7W nominal)
- Size (Data Gateway): 5 x 8.5 x 1.35 in (123 x 215 x 34 mm)
- Weight (per unit): 1.5 lbs (0.68 kg)
- Operational Temperature: -40°C - +70°C
- Other: IP65 Certified; FCC Part 15 & 25 Certified, CE



Air, Sea & Land



SkyLink 5100



SkyLink 7100



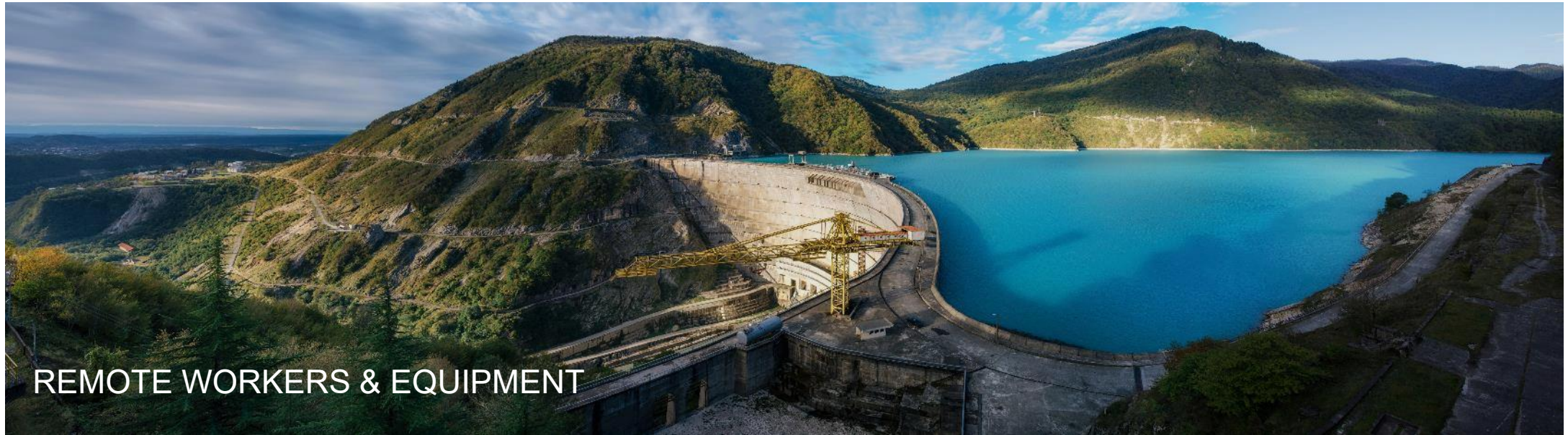
SkyLink 5100



SkyLink 6100



Target Businesses/Orgs



Elevator Pitch

1. Communications ecosystem
2. Links fixed and mobile operational assets
3. Connects them to the internet
4. For remote locations, or
5. Mobile assets in and out of cell coverage
6. Low to medium speed data transfer
7. High quality voice



How it works

Gateway - Local and Remote Connections

A Remote Comms

 Internet Access (Iridium & Cellular)

 Iridium Voice Lines (x2)

B Local Wi-Fi Comms

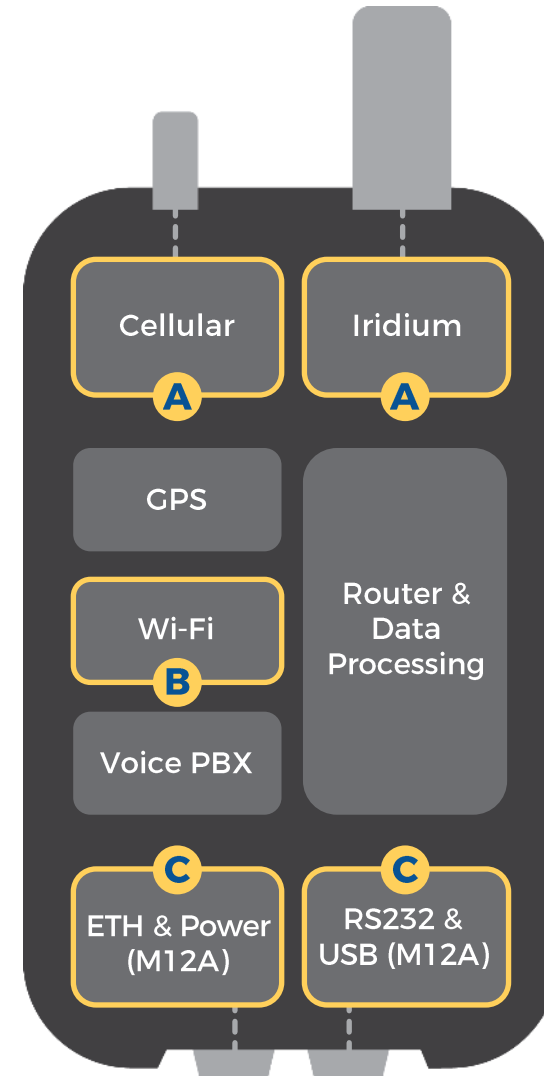
 Smart Devices

C Local Hardwired Comms

 Plain Old Telephone Service (POTS)

 Terminal Devices

 Local Area Network (LAN)



Local WiFi Options



Communicate with each other over local Wi-Fi



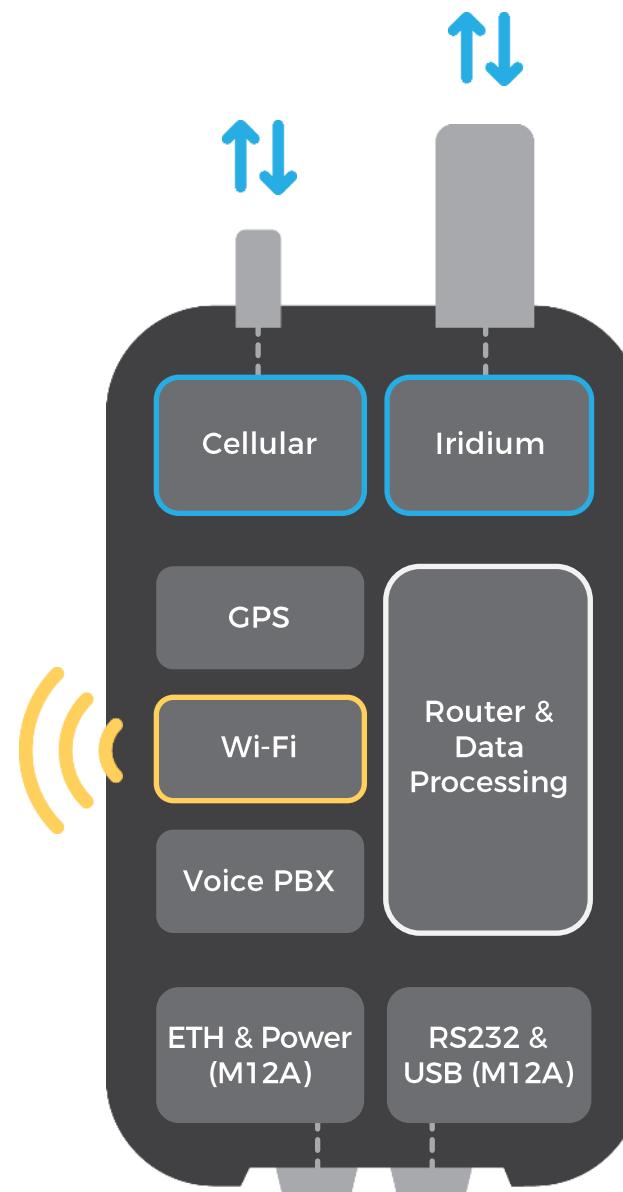
Supports WhatsApp, Messenger, etc.



Internet access (cellular data preferred)



SIP client to make voice calls



Iridium or cellular data used

Comms Companion Connections

A



Voice & PTT

B



Inputs & Outputs

Used for sensors & alarms

C



Power Supply

Wide mouth power supply with ignition sense capability

D



Ethernet & Power

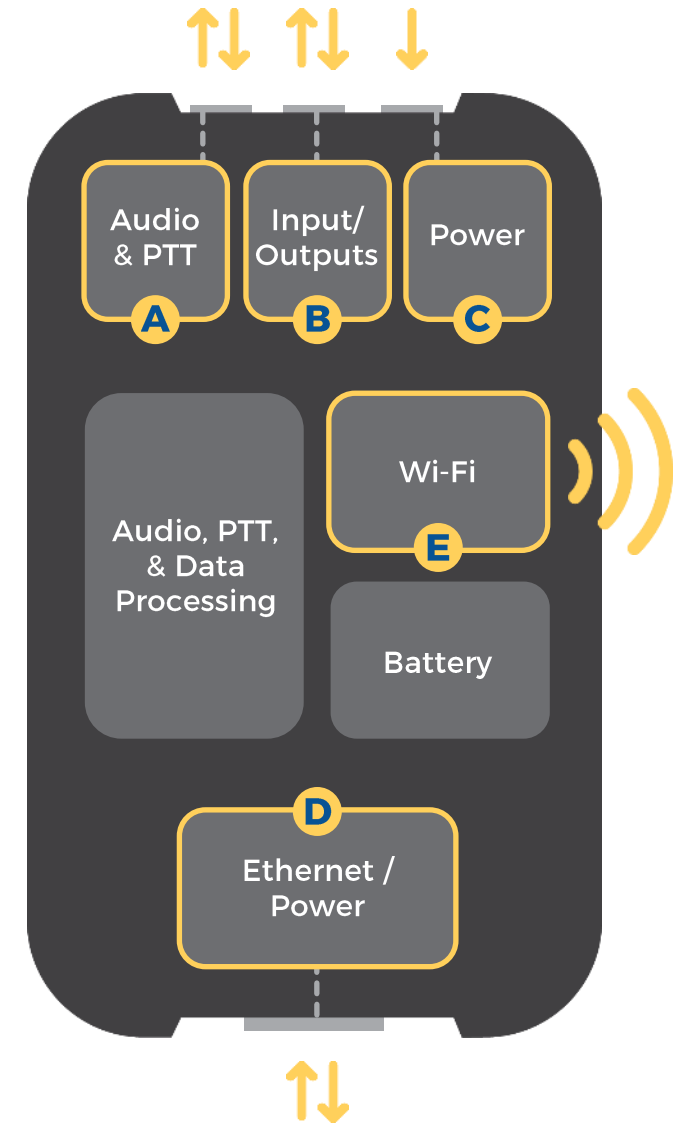
Ethernet & power connection to the Data Gateway

E



Wi-Fi

Has a different antenna & provides more range than the Data Gateway



SkyLink is more than just its devices! It is a robust communications solution with comprehensive services.



Airtime
(Voice and/or Data)



Maintenance Plan



Network Services
(e.g. VPN)



**Data Analytics/
Edge Computing**



Hardware
(1 - 3 Components)



**Remote Management
& Diagnostics**

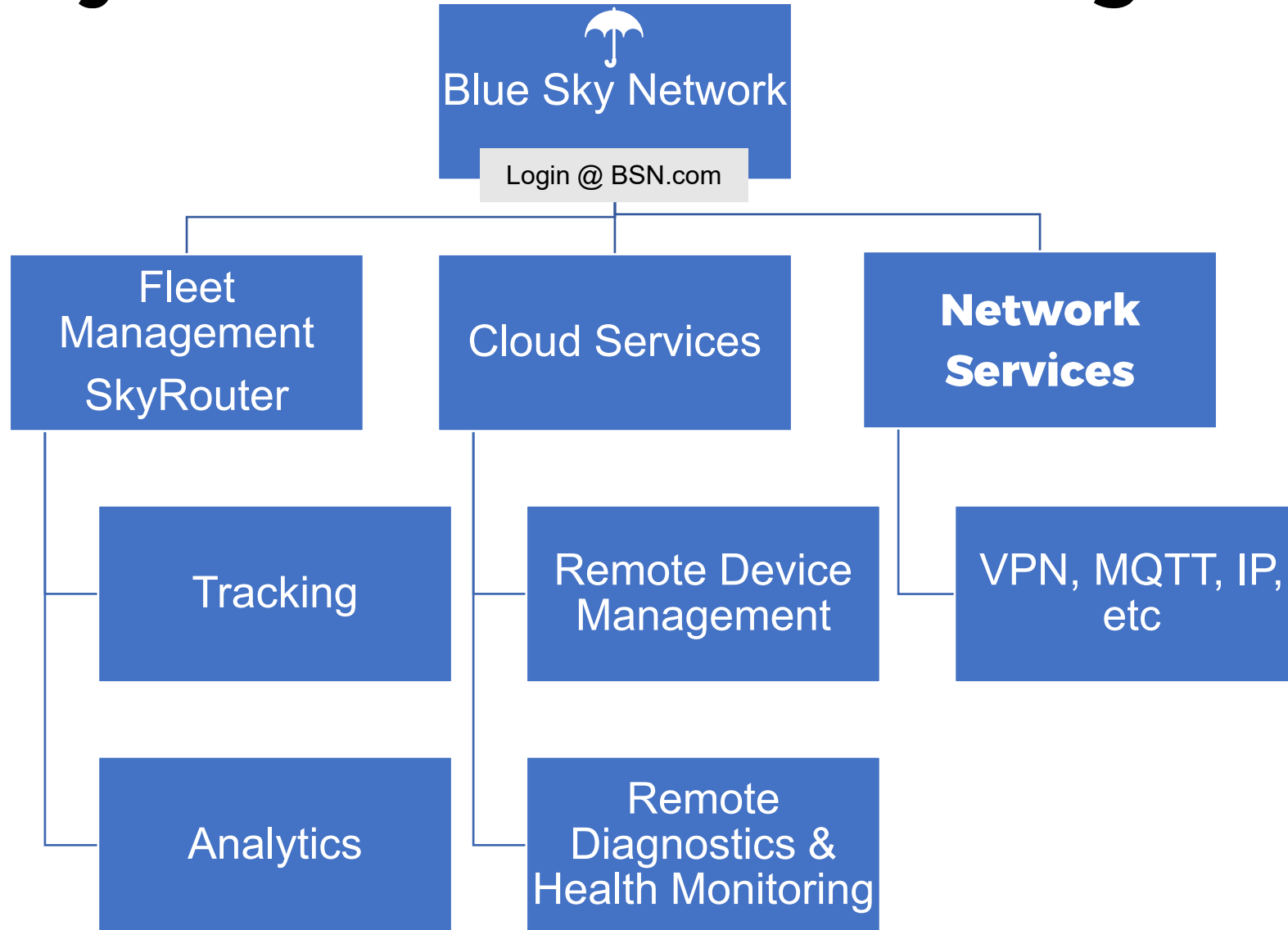


Fleet Management



**Additional IP
Addresses**

Blue Sky Network - Service Navigation



Components & Installation

Data Gateway Connectors

Top Panel:



Bottom Panel:



1. Iridium antenna connector
2. Power / charging LED light
3. Cellular antenna connector

4. Cellular antenna
5. Power port
6. Connectivity port

Antennas



Antenna Options



Maruwa Antenna



Low Profile Antenna



High Profile Antenna

Power Options

AC/DC Power Adapter



Cigarette Lighter Adapter



PoE Injector



PoE Injector Kit



Accessories



POTS Adapter



RS232 Cable



Antenna Cable

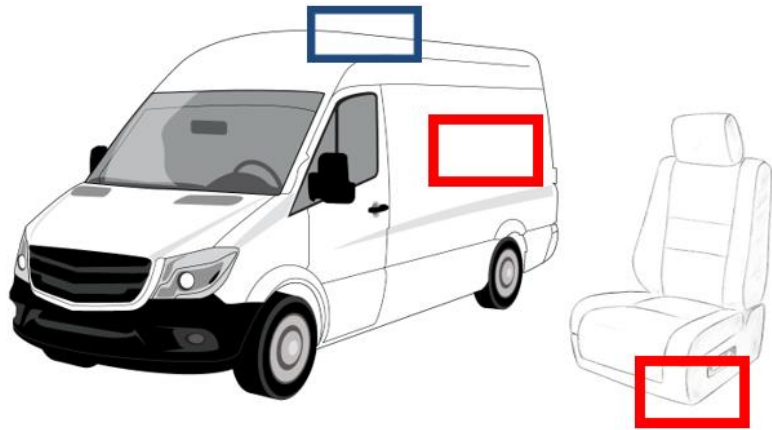


USB Cable



Wall Mount & Pole Mount

Installation Location Suggestions



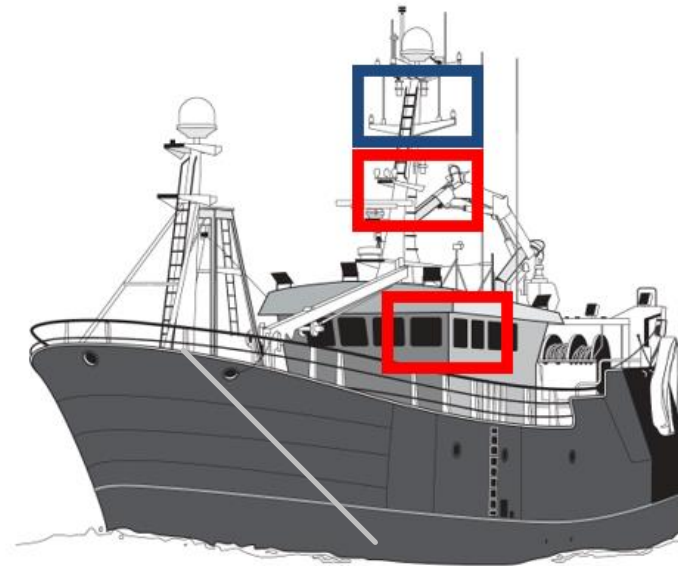
SkyLink

- Under driver or passenger seat
- In trunk of vehicle

Antenna

- On roof of vehicle

NOTE: No ground plane required

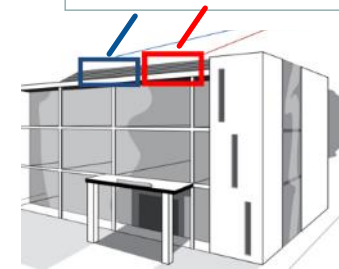
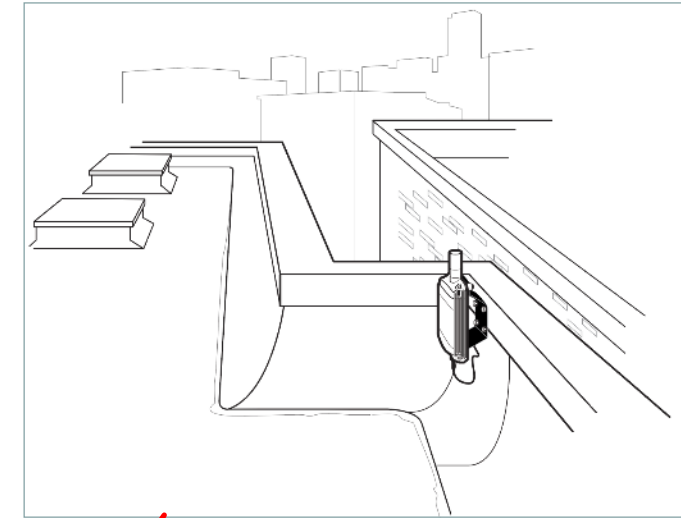


SkyLink

- In the bridge
- On pole mount attached to mast

Antenna

- On mast



SkyLink

- On roof

Antenna

- On roof

NOTE: The terminal should not be placed in a room when using the MARUWA antenna.

Operation

Web Interface- Device Status Screen

The screenshot displays the 'SkyLink Setup' web interface for a 'Blue Sky Network' device. The interface includes a left-hand navigation menu with options like 'Status', 'General Settings', 'Network', 'Firewall', 'Calls', 'Voice Extensions', 'Advanced', 'Remote Management', and 'Diagnostics'. The main content area is titled 'System Information' and provides details about the device's name, model, versions, capabilities, and serial number. It also lists satellite and cellular identifiers (IMEI, SIM), location, and temperatures. Below this, there are two sections for 'Satellite' and 'Cellular' usage, each featuring a signal strength indicator, 'On Net' percentage, and a table showing 'Bytes Sent' and 'Bytes Received' for 'Today', '5-Day', and '30-Day' periods. A note at the bottom states that usage tables are estimates for reference.

SkyLink Setup ☰ Blue Sky Network 👤 Log Out

System Information

Name: Test Satellite IMEI: 300058060006320 Cellular IMEI: N/A
Model: SkyLink Data Gateway Satellite SIM: 8988169771000113283 Cellular SIM: N/A
Versions: SYN267 REV C / N/A Last Location: 33.452157, -111.784116 WIFI SSID: RedBox-497d
Capabilities: Voice & Data Gateway Sat. Modem Temp.: 33.0°C CPU Temp.: 52.0°C
Serial Number: N/A

Satellite

Signal: -115 dBm Route: N/A
On Net: 0%

USAGE		
	Bytes Sent	Bytes Received
Today	0	0
5-Day	0	0
30-Day	0	0

Cellular

Signal: 0 dBm Route: N/A
On Net: 0% Network: N/A

USAGE		
	Bytes Sent	Bytes Received
Today	0	0
5-Day	0	0
30-Day	0	0

Note: Usage tables are an estimate for reference and not associated with actual billing. Minimum sessions are rounded to 5,000 bytes.

Web Interface - Device General Settings

SkyLink Setup ☰ Blue Sky Network ➔ Log Out

- Status
- General Settings**
- Network
- Firewall
- Calls
- Voice Extensions
- Advanced
- Remote Management
- Diagnostics

SkyLink

Name: Data Routing:

Max Daily Usage: bytes Serial Port:

[Change Password](#)

Satellite

Data Enabled: IMEI: SIM:

WiFi

SSID:

Mode:

Channel:

Security: WPA2-PSK

Password:

Cellular

APN:

Username:











Password:

IMEI:

SIM:

Network:

[Restore Defaults](#) [Save](#)

-  Status
-  General Settings
-  Network
-  Firewall
-  Calls
-  Voice Extensions
-  Advanced
-  Remote Management
-  Diagnostics
-  Help

LAN

IP Address:

Network Mask:

Primary DNS:

Secondary DNS:

DHCP












DHCP Range Start:

DHCP Range End:

Lease Validity:

Cancel

Save

-  Status
-  General Settings
-  Network
-  Firewall
-  Calls
-  Voice Extensions
-  **Advanced**
-  Remote Management
-  Diagnostics

Backup/Restore Configuration

Choose File No file chosen

Download Configuration

Upload Configuration File

System Update

Select Update File:

Choose File No file chosen

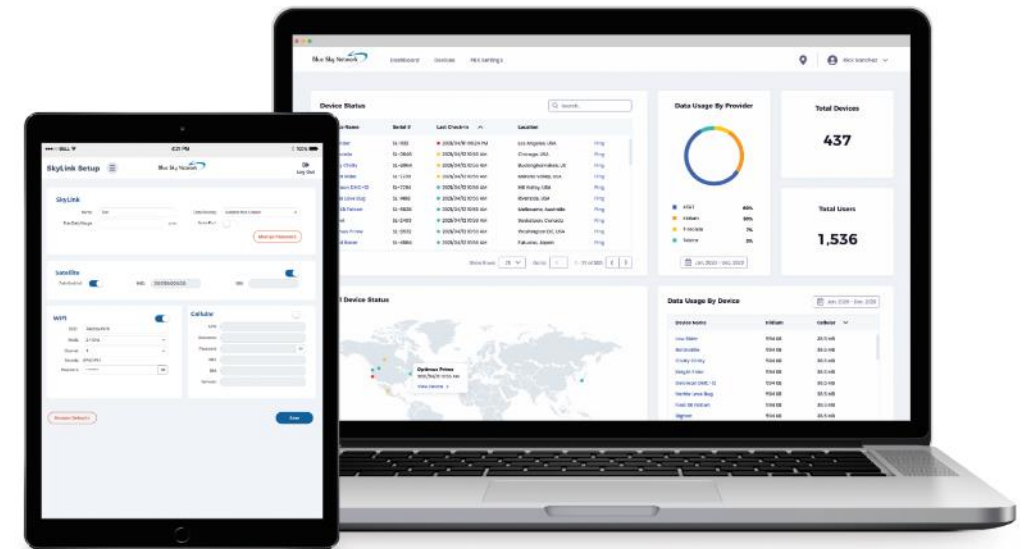
Upload Firmware

SkyLink Cloud Services

Take Mission Control to the Next Level

- Performance driven, cloud-based analytics platform
- For remote, mobile, and global operations.
- Leverages Iridium's award-winning satellite technology and local GSM/LTE networks
- Creating a powerful dual-mode data management solution unlike any other.
- Specifically engineered to capture and disseminate mission-critical information and display it in a secure online portal.
- Customizable reports, activity alerts, and dashboards work around the clock
- Important details are recorded in real-time, for complete visibility anytime and anywhere in the world.

- ✓ The SkyLink application is used to monitor, manage, and interact with SkyLink devices. This application contains a series of portals to allow Channel Partners (resellers), and organizations (orgs) to setup and manage their accounts.



SkyLink Solutions - Feature/Service Details

Remote Device Management (Cloud) -

- ✓ Device Configuration/monitoring/activation/logging
- ✓ Push profiles
- ✓ Pull logs
- ✓ Remote customer support to log in devices remotely

Remote Diagnostics/health monitoring (Cloud) -

- ✓ Configurable periods (once a day, etc)
- ✓ Link to SkyRouter to send location, speed, temperatures (functions can be disabled)
- ✓ Remote login

Maintenance Plans –

- ✓ 24 month warranty
- ✓ RMA with optional advance replacements

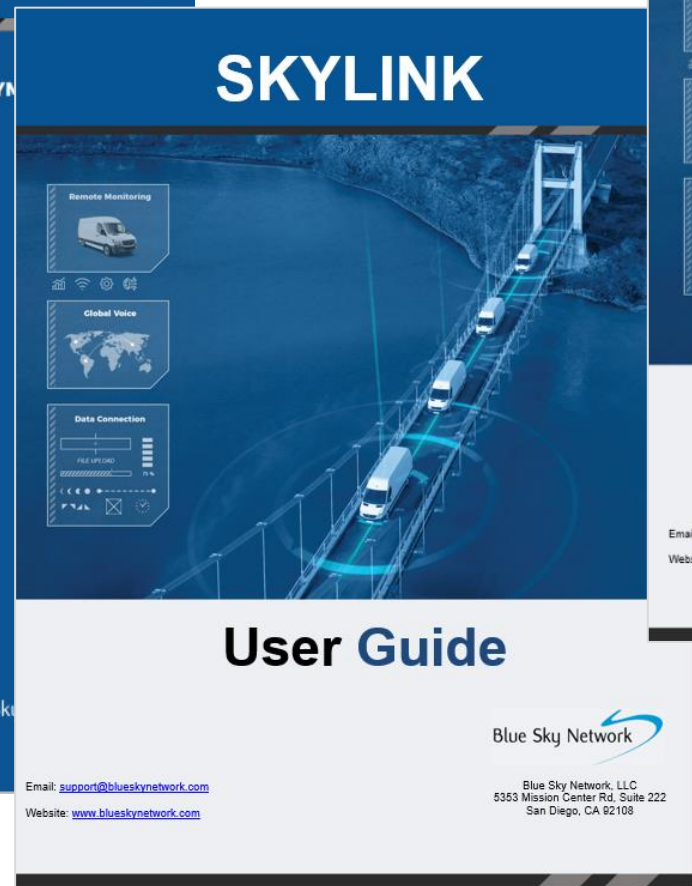
Network Services – Various i.e., VPN, MQTT , Private Static IP addresses

Data Analytics / Edge Computing **Requires Companion* – **Future Release**

- ✓ Sensors, engine diagnostics
- ✓ Analytics of data locally on device (not using satellite service airtime)
- ✓ Run algorithms
 - Examples: Weather stations – reports of trend analysis every hour etc. Sends only summary of data needed. High volume data remotely but only receive summary of what's needed

Documentation and Hardware configurations

Collateral & Documentation



Blue Sky



Email: support@blueskynetwork.com
Website: www.blueskynetwork.com

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San Diego, CA 92108

SkyLink Kits



+1 (858) 551-3894
order@bluesky-network.com

SkyLink 5100 Series Land Mobile Certus 100

SkyLink 5100 IoT Kit A
Includes Dual Mode Data Gateway, Maruwa Ethernet Adapter, 6' Ethernet Cable, Power Note: Ethernet cable (longer lengths available)

SkyLink 5100 IoT Kit B (Non-Ethernet Kit)

Includes Dual Mode Data Gateway, Maruwa or USB Adapter (choose one), Cigarette Light Optional Pole Mount available. See accessories

SkyLink 5100 Portable Kit

Includes Dual Mode Data Gateway, Maruwa Ethernet Adapter, AC/DC Power Supply, 12V Note: Optional longer Ethernet cables available

SkyLink 5100 Land Mobile Data Gateway

Includes Dual Mode Data Gateway, Maruwa Ethernet Adapter, Power Injector, Anti-Vibration Note: Optional Extended high profile antenna

SkyLink 5100 Land Mobile Data Gateway

Includes Dual Mode Data Gateway, Iridium Hardware Kit, 10' LMR200 Cable With TNCCI Cable With Ignition Sense Note: Optional 12V DC Cigarette Lighter adapter (optional add-on). See accessories.

SkyLink 5100 Maritime Kit

Includes Dual Mode Data Gateway, Iridium Hardware Kit, 10' LMR200 Cable With TNCCI 1' Pigtail Ethernet Adapter, Power Injector (f

SkyLink 5100 Data Gateway & Communic

Includes Dual Mode Data Gateway, Commu Mount Hardware Kit, 10' Ethernet Adapter Note: Accessories and final configurations n

SkyLink 5100 Communications Company

SkyLink 5100 Accessories

Extended High Profile Antenna Kit

Includes Iridium Helical High Profile SFX Ant TNCCI to SMAM Connectors

Extended Low Profile Vehicle Antenna Kit

Includes Iridium Helical Low Profile SFX Antenna, 10' LMR200 Cable with TNCCI RA to SMAM Connectors

Gateway Pole Mount

Supports horizontal or vertical poles from 1" to 2" in diameter

External Battery Backup (UPS)

POTS Adapter

RS232 Adapter

USB Adapter

SkyLink 5100 Power Options

AC/DC Power Adapter

12V Cigarette Lighter Adapter

POE Injector Kit

Includes Power Injector, 30W, 50V, 1' Pigtail Ethernet Adapter, 6' Ethernet Cable

SkyLink 5100 Extender Cable Options

50' Extender Cable

100' Extender Cable

150' Extender Cable

330' Extender Cable

SL5100-VA \$325.00

SL5100-PM \$150.00

SL5100-UPS TBD

SL5100-POTS TBD

SL5100-RS232 \$80.00

SL5100-USB \$80.00

Part Number PDF MSRP

SL5100-ACDC \$100.00

SL5100-DC \$125.00

SL5100-POE \$275.00

Part Number PDF MSRP

SL5100-CATS-50 \$100.00

SL5100-CATS-100 \$120.00

SL5100-CATS-150 \$150.00

SL5100-CATS-330 \$230.00

SkyLink 5100 Portable Kit

Includes Dual Mode Data Gateway, Maruwa Antenna, Wall Mount Hardware Kit, 1' Pigtail Ethernet Adapter, AC/DC Power Supply, 12V Battery Pack

Note: Optional longer Ethernet cables available. See accessories.

SL5100-LM-P

\$2,295.00

SkyLink 5100 Land Mobile Data Gateway Fixed Site Kit

Includes Dual Mode Data Gateway, Maruwa Antenna, Wall Mount Hardware Kit, 1' Pigtail Ethernet Adapter, Power Injector, Anti-Vibration Pole Mount, 50' Outdoor Ethernet Cat6 Cable.

Note: Optional Extended high profile antenna kit and longer Ethernet cables. See accs.

SL5100-LM-FS

\$2,395.00

SkyLink 5100 Land Mobile Data Gateway Vehicle Kit

Includes Dual Mode Data Gateway, Iridium Helical Low Profile SFX Antenna, Wall Mount Hardware Kit, 10' LMR200 Cable With TNCCI RA to SMAM Connectors, 10' Power Interface Cable With Ignition Sense

Note: Optional 12V DC Cigarette Lighter adapter. AC/DC Power Supply for Lab/Bench Testing (optional add-on). See accessories.

SL5100-LM-VEH

\$2,395.00

Kit Content

5100 Series

IoT

Kit A (Ethernet)	Kit B (RS232)
Dual-Mode Data Gateway	Dual-Mode Data Gateway
MARUWA Antenna	MARUWA Antenna
SkyLink Mounting Bracket	SkyLink Mounting Bracket
1' Pigtail Ethernet Adapter	RS232 Adapter
6' Ethernet Cable	AC/DC Power Adapter
Power Injector not included	Optional: Cigarette Lighter Adapter and pole mount

Land Mobile

Portable	Fixed Site	Vehicle
Dual-Mode Data Gateway	Dual Mode Data Gateway	Dual Mode Data Gateway
MARUWA Antenna	MARUWA antenna	Iridium Low-Profile SFX Antenna
SkyLink Mounting Bracket	SkyLink Mounting Bracket	SkyLink Mounting Bracket
1' Pigtail Ethernet Adapter	1' Pigtail Ethernet Adapter	10' LMR200 Cable
AC/DC Power Supply	Anti-Vibration Pole Mount	10' Power Interface Cable with Ignition Sense
12V Required Battery Pack not included	50' Outdoor Ethernet Cat6 Cable	
	Power Injector not included	

Kit Content

6100 Series

Maritime

Dual-Mode Data Gateway

Iridium Helical High-Profile or Low profile SFX Antenna

SkyLink Mounting Bracket

12' LMR240 Cable With TNCM RA to SMAM Connectors

12V DC Power Adapter

1' Pigtail Ethernet Adapter

Power Ethernet (POE) Kit

7100 Series

Aviation

Dual-Mode Data Gateway

Legacy Antenna

Coaxial Cable

Mounting Bracket

Key Takeaways

- A complete solution – not a hardware device
- Perfect for semi-remote and remote
- Positioned mid-market with strong differentiators
- Communication eco-system that self provisions
- Customers manage their own networks
- Accommodates legacy serial devices
- Supporting documentation exists

Questions