Blue Sky Network Product Overview

Connect and communicate with confidence, anytime and anywhere

For over 20 years, Blue Sky Network has delivered cutting-edge satellite communication solutions that enable customers to reliably track, manage, and engage their high-value land, air, and sea assets in real time from any location in the world.

Blue Sky Network

Delivering cutting-edge, continuous connectivity

GLOBAL COVERAGE

Our products utilize Iridium's Low-Earth Orbit (LEO) satellite network to deliver uninterrupted communication and IoT / M2M capabilities from any location, at any altitude on Earth.

DUAL-MODE CONNECTIVITY

Several solutions within our portfolio are purpose-built to switch between satellite and cellular networks, providing least-cost routing communication.

END-TO-END SOLUTIONS

Blue Sky Network offers an extensive suite of hardware, software, and cloud-based services that seamlessly integrate to enhance your enterprise intelligence, situational awareness, and operational efficiency.

Blue Sky Network

The Iridium network advantage

100% POLE-TO-POLE CONNECTIVITY

Satellites that are uniquely structured to ensure coverage in the most remote locations on Earth and support beyond visual line of sight communications

WEATHER RESILIENT

Leverages L-band frequencies that can sustain the most adverse conditions on land, in the air, or at sea

LOW LATENCY

Iridium's Low-Earth Orbit constellation delivers stronger signals and faster connections versus other satellite networks

LIGHTWEIGHT ANTENNAS

L-band antennas are lightweight, enabling Blue Sky Network to engineer compact and portable communication solutions

Blue Sky Network

Satellite Voice, Docking Stations & Tracking Products

ComCenter Indoor

Permanent satellite phone for enhanced resiliency and business continuity

100% GLOBAL VOICE CONNECTIVITY
Weather-resilient satellite coverage with low latency for critical voice communications—anytime, anywhere

EASY INSTALLATION
Quick to install, the ComCenter uses a built-in transceiver to provide always-available indoor satellite communication

IDEAL IN-BUILDING SOLUTION
Designed as fixed station Iridium voice terminal with POTS for office infrastructure integration

KEY FEATURES

- Permanent and secure installation
- Perfect for highly trafficked areas
- Easy connection to Iridium antenna for indoor use
- Provides voice continuity during natural or man-made disasters
- Reliable equipment

Blue Sky Network

Docking Stations

Blue Sky Network offers a variety of accessories as well as fixed, vehicular, and bagged docking stations to deliver comprehensive usage for our satellite phones.

Fixed Docking Station (9555 & 9575)

Fixed Docking Station + Handset (9555 & 9575)

Vehicular Docking Station

Bagged Docking Stations

Boxed Docking Stations

Blue Sky Network

Docking Station

KEY FEATURES

- Provides office/in-building solution for Iridium PTT (9575P)

- Extend use with analog phone anywhere in the building

- Easy connection to Iridium antenna

- Supports a wide range of input voltages

- Palm mic/speaker option

BENEFITS

- No need to exit the building to communicate

- User-friendly form factor

- Intuitive & reliable communications

- Phone can be removed for on-foot use

9575P HQ Docking Station

ASE-9575P-HQ

Blue Sky Network

Vehicle Docking Station

KEY FEATURES

- Provides in-vehicle solution for Iridium PTT (9575P)

- Rugged connectors

- Easy connection to Iridium antenna

- Natural use with palm/speaker mic

- Supports a wide range of input voltages

BENEFITS

- No need to exit the vehicle to communicate

- User-friendly form factor

- Intuitive & reliable communications

- Phone can be removed for on-foot use

9575 & 9575P Vehicle Docking Station

ASE-9575P-VEH

Blue Sky Network

ASE DK075 & DK050 Docking Stations

KEY FEATURES

- Docking station for Iridium 9555 satellite phone

- Works with passive or active antennas

- No need for firmware upgrades

- Large and bright diagnostic indicators

BENEFITS

- Reliable comms in an emergency

- Can use satellite phone indoors

- Very low maintenance

- Cost-effective docking option

Blue Sky Network

ASE 9575P BoxDock

KEY FEATURES

- Rugged case for storage & transportation

- Case includes LED charging indicators

- Use with palm/speaker mic or headphones

- Built-in rechargeable battery

- Magnetic mount Iridium & GPS antenna

BENEFITS

- Complete grab & go box kit

- Extremely portable

- High quality protection

- Easy integration with vehicle or field camp

Blue Sky Network

ASE 9575P BagDock

KEY FEATURES

- Canvas bag for easy storage and transportation

- Use with palm/speaker mic

- Built-in rechargeable battery

- Magnetic mount Iridium & GPS antenna

BENEFITS

- Complete grab & go bag kit

- Extremely portable

- Easy integration with vehicle or field camp

Blue Sky Network

Satellite Phone Accessories

Blue Sky Network offers a variety of accessories to complement our suite of satellite phones.

Push-to-Talk Link

Antennas

Replacement Batteries

Power Supplies

Adapters

Speaker/Mic Kit

Blue Sky Network

SHOUT Personal Devices

Handheld, global, two-way satellite messaging and personal tracking devices that utilize Iridium's SBD service

REAL TIME, 2-WAY MESSAGING
Supports 2-way communications with free-text, canned-text and check-in messaging options as well as SOS alerts.

REMOTE TRACKING
Offers precise GPS tracking, from anywhere in the world. Pairs with SkyRouter, allowing command centers to track all personnel within a single interface.

HANDHELD, PORTABLE DEVICE
Compact, rugged, self-contained satellite trackers that are highly convenient for on-the-go, lone workers

KEY FEATURES

- Ultra-low power consumption
- Free-Text, canned-text, and check-in messaging
- Optional AES 256-bit encryption, both transmit/receive
- Normal and waypoint tracking
- Real-time reporting
- USB charge port

Blue Sky Network

SHOUT Personal Device Comparison

Leverage SHOUT personal communication devices to stay connected when outside of cellular range. Maintain real-time messaging and GPS tracking while in the most remote locations.

	SHOUT Nano100	SHOUT 3G	SHOUT TW	SHOUT SP
GPS Tracking	✔	✔	✔	✔
Freeform Messaging	✔	✔	✔	✔
Canned Messaging	✔	✔	✔	
Encryption	✔	✔	✔	
Position Alert/911	✔	✔	✔	✔
Voice Calls				✔
Geofencing	✔	✔	✔	✔
Cellular GSM		✔		
Color Screen	✔	✔ (resistive)	✔ (resistive)	✔
Touchscreen		✔	✔	✔
Weatherproofing			IP 67 (TW only)	
Size	4.1" x 2.3" x 0.9"	5.0" x 2.4" x 0.9"	4.1" x 2.3" x 0.9" (TS) 4.2" x 2.4" x 0.9" (TW)	4.9" x 2.7" x 0.9"
Weight	7.2 oz	8.1 oz	7.2 oz (TS) 7.5 oz (TW)	12 oz
Overview	Compact basic personal device. Same as SHOUT TS but without touchscreen.	Same as SHOUT Nano but with a touchscreen and 3G plus satellite.	Does not have cellular coverage but includes waterproof and resistive screen.	Messaging and voice calls via multiple Android smart devices.

Blue Sky Network

HawkEye 5500

A dual-mode, real-time tracking and vehicle management solution

DUAL-MODE CONNECTIVITY
Leverages local LTE networks and switches to the Iridium satellite system once out of cellular range. Least-cost routing provides advanced, cost-effective connectivity

GLOBAL TRACKING, MONITORING, AND MESSAGING
Real-time asset tracking, messaging, and operational analytics, for increased situational awareness. Paired with SkyRouter, securely track your entire fleet in a single interface

CUSTOMIZABLE VEHICLE INTEGRATION
Customize asset behavior, geofences and Bluetooth applications to match the requirements of your fleet. Optimize asset performance with comprehensive integration into ignition, OBD, and infotainment systems

KEY FEATURES

- Tracking
- Geofencing
- Vehicle integration
- Built-in trip management
- SkyRouter integration
- Real-time messaging
- Remote emergency switch
- Customizable application integration

Blue Sky Network

Iridium SkyLink Certus Products

Maintain seamless voice and data connectivity anywhere with SkyLink

Whether executing a mission-critical operation, monitoring the safety of distant workers, or remotely managing uncrewed assets, our flagship SkyLink devices enable you to reliably maintain seamless voice and data connectivity anywhere on Earth.

GLOBAL, DUAL-MODE CONNECTIVITY
Dual-mode solutions designed to route between high-speed local cellular networks and the Iridium Certus® satellite service – ensuring total reliability, visibility, and affordability.

ENHANCE ANY OPERATION
Supports 2 simultaneous high-quality voice lines and provides midband data speeds of up to 88 Kbps, enabling messaging, telemetry, diagnostic monitoring, and command and control (C2) capabilities.

ADVANCED FIREWALL
Our sophisticated dual firewall and virtual closed user groups ensure your data is safeguarded while allowing hardware, sensors, and IoT devices to communicate in secure, private environments.

LOW SWaP AND LIGHTWEIGHT TERMINALS
Purpose-built suite of compact, low SWaP products for enhanced portability, installation, and integration.

Blue Sky Network

SkyLink Cloud: Technology Enabled Services

A cloud-based analytics platform for remote, mobile, and global operations, specifically engineered to capture and disseminate mission-critical information in a secure online portal.

KEY FEATURES

Customizable reports, activity alerts, and dashboards

- Remote device management

- Configurable firewall, port forwarding, whitelisting

- Over The Air Firmware Updates

- Remote diagnostics

- Fleet Management Integration

- Networking solutions: VPN, Static IP

- White-label options

Blue Sky Network
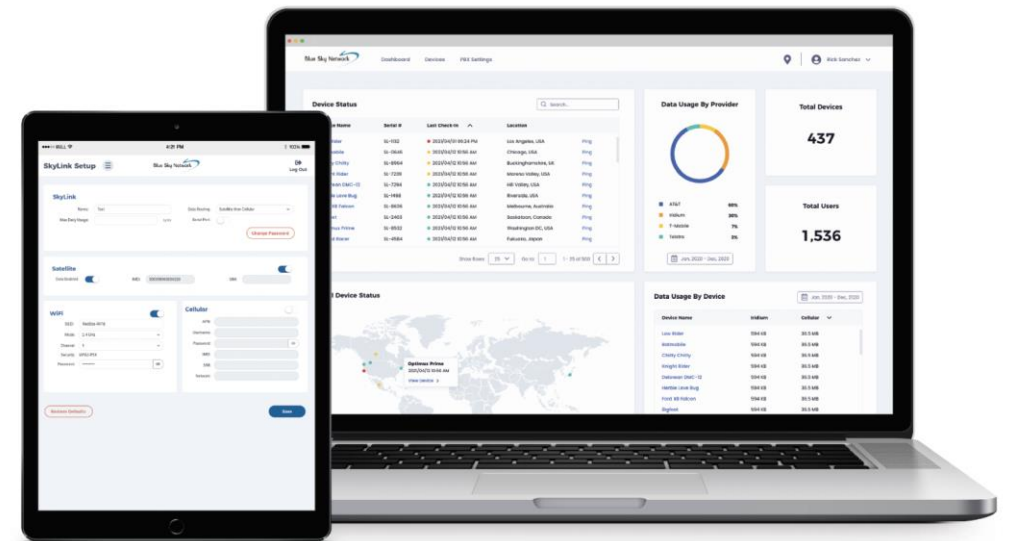
Gateway - Local and Remote Connections

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)**

Cellular **A**

Iridium **A**

GPS

Wi-Fi **B**

Router & Data Processing

Voice PBX

C ETH & Power (M12A)

C RS232 & USB (M12A)

Blue Sky Network
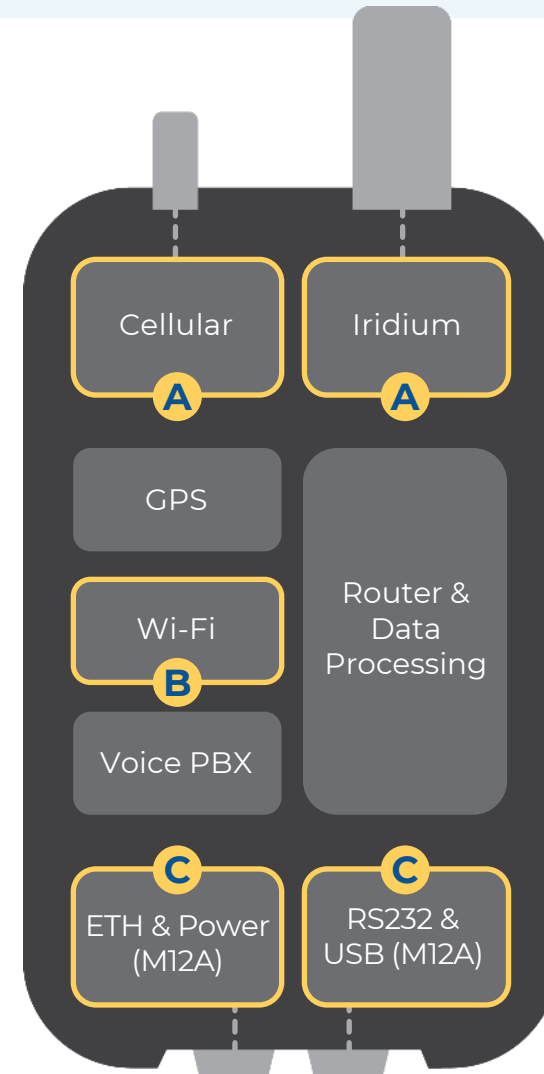
SkyLink 5100

Land-based solution delivering voice and data connectivity, powered by Iridium Certus®

100% GLOBAL, DUAL-MODE CONNECTIVITY
Dual-mode satellite and LTE communications solution that enables enterprise-grade voice and real-time data transfers - anywhere on Earth

REMOTE MONITORING & TELEMETRY FOR TOTAL VISIBILITY
Maintain continuous business operations from your command center with real-time data transmissions

LOW SWAP COMMUNICATIONS SOLUTION
Compact, lightweight terminal with seamless installation and integration

KEY FEATURES

- 2 high-quality voice lines
- Messaging
- Telemetry
- Remote monitoring
- Internet/VPN

- Mid-band satellite data
- Email
- Media sharing
- Asset utilization
- Graphical weather

Blue Sky Network

SkyLink 5100 IoT

Optimizes business operations by delivering essential data from any asset, anywhere

100% GLOBAL, DUAL-MODE CONNECTIVITY
Dual-mode satellite and LTE connectivity solution, supporting data transfer capabilities, anywhere on Earth

REMOTE MONITORING & TELEMETRY FOR TOTAL VISIBILITY
Maintain continuous business operations with real-time telemetry and sensor data

EDGE COMPUTING & SCADA TRANSFERS
Processing data at the network edge

KEY FEATURES

- Edge computing (releasing soon)
- SCADA transfer
- Real-time monitoring
- Internet/VPN
- Mid-band satellite data
- Broadband cellular data
- High-value asset tracking
- Battery backup available

Blue Sky Network

SkyLink 6100

Delivers cost-effective satellite voice and data connectivity for maritime operations, anywhere on the planet

100% GLOBAL, DUAL-MODE CONNECTIVITY
Dual-mode satellite and LTE communications solution that enables enterprise-grade voice and real-time data transfers, anywhere on Earth

REMOTE MONITORING & TELEMETRY FOR TOTAL VISIBILITY
Effortlessly transmit data and remotely command and control uncrewed assets with ease

LOW SWAP COMMUNICATIONS SOLUTION
Compact, lightweight terminal with seamless installation and integration

KEY FEATURES

- 2 high-quality voice lines
- Messaging
- Out-of-Band (OOB) management
- Vessel Monitoring System (VMS)
- Satellite AIS datalink

- Telemetry offload
- SIP for PABX
- Internet/VPN
- Email & media sharing
- Mid-band satellite data

Blue Sky Network

SkyLink Tactical Box

Provides continuous satellite voice and data connectivity for aviation and UAV operations, powered by Iridium Certus®

100% GLOBAL, DUAL-MODE CONNECTIVITY
Dual-mode satellite and LTE communications solution with voice, data, and BVLOS connectivity, anywhere on Earth

REMOTE OPERATIONS AND MONITORING
Track precise location and diagnostics of mission-critical vessels and leverage command and control (C2) capabilities for uncrewed assets

LOW SWAP COMMUNICATIONS SOLUTION
As a compact, ruggedized terminal, the Tactical Box is highly portable to support on-the-go, mission-critical communication

KEY FEATURES

- BVLOS capabilities
- Command & Control (C2)
- Low size, weight, and power (SWaP)
- Device-to-device mesh networking
- Blue Force Tracking (BFT)
- Field-replaceable batteries
- HD Voice
- 2-way messaging & email

Blue Sky Network

Components & Installation

Data Gateway Connectors

Top Panel:

Bottom Panel:

1.	**Iridium antenna connector**	4.	**Cellular antenna**
2.	**Power / charging LED light**	5.	**Power port**
3.	**Cellular antenna connector**	6.	**Connectivity port**

Blue Sky Network

Antenna Options

MARUWA

- Minimum cable loss: 0.4 dB
- Maximum cable loss: 1.0 dB
- LMR240 cable length: 0' to 5'

Height: 57mm (2.25in)

Maruwa Antenna

SCAN

- Minimum cable loss: 0.4 dB
- Maximum cable loss: 2.0 dB
- LMR240 cable length: 2' to 18'

Height: 150mm (5.9in)

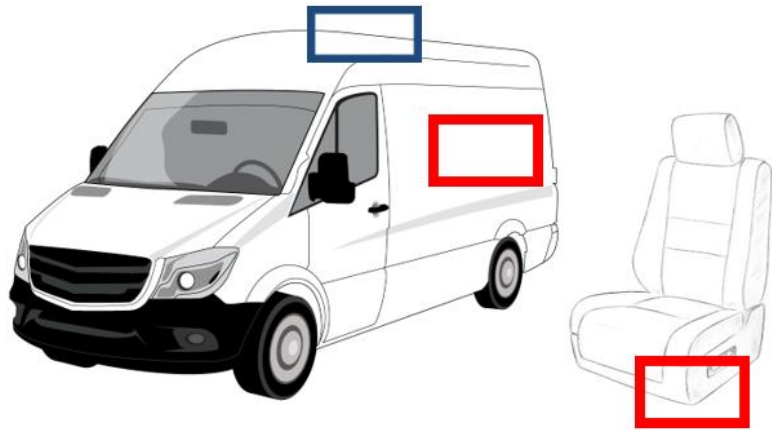SCAN Antenna

High-Profile Maxtena

- Minimum cable loss: 0.4 dB
- Maximum cable loss: 2.0 dB
- LMR240 cable length: 2' to 12'

Height: 125mm (5 in)

Maxtena Antenna

Blue Sky Network
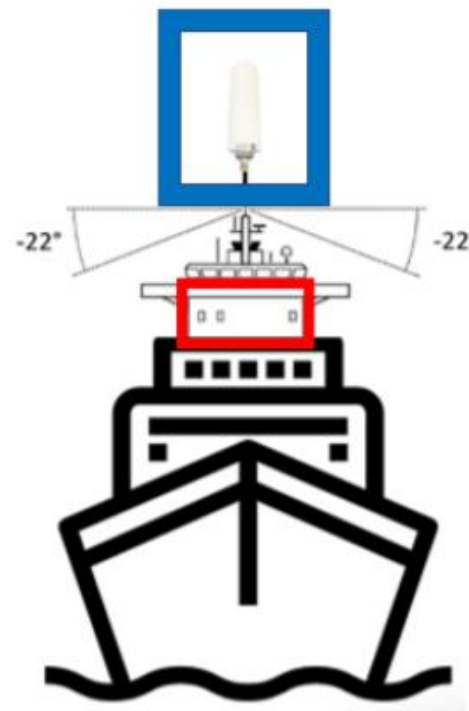
Installation Location Suggestions

SkyLink
- Under driver or passenger seat
- In trunk of vehicle

Antenna
- On roof of vehicle

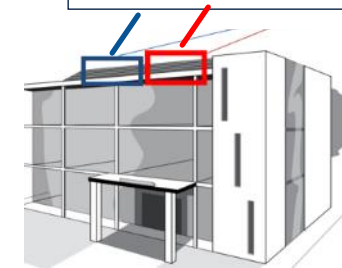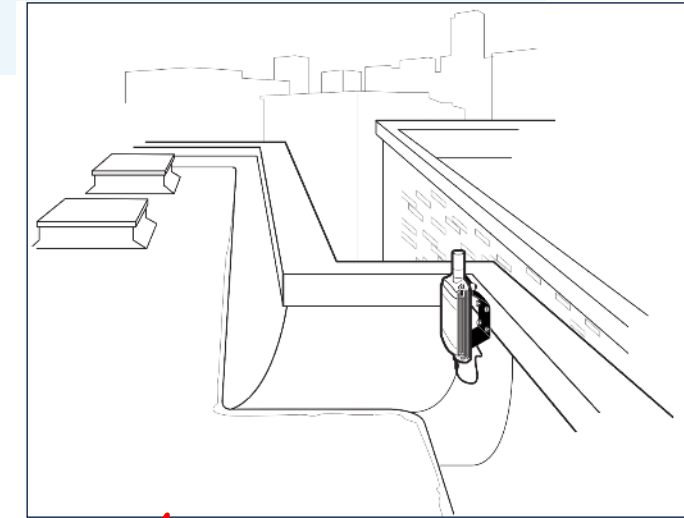**NOTE**: No ground plane required

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.

SkyLink Citadel

A resilient anti-piracy solution that offers satellite voice and data connectivity to the outside world, when needed

100% GLOBAL CONNECTIVITY
Iridium satellite communications solution that enables enterprise-grade voice and real-time data transfers, anywhere on Earth

PROTECTION FROM PIRACY
SOS switch transmits threat alerts and backup battery enables continuous operations

LOW-SWAP, OUTDOOR TERMINAL
Designed as a compact and discreet outdoor unit to minimize potential damage from an intruder

KEY FEATURES

- SOS switch
- 2x High-Definition voice lines
- Messaging & email
- Data / VPN / Advanced firewall
- Simple installation & easy to use

- GNSS with configurable reporting
- Battery backup
- Up to 300' Distance
- WiFi Option
- CCTV Compressed Video Capable

SkyLink Citadel Block Diagram

IRIDIUM CERTUS® OUTDOOR TERMINAL AND ANTENNA
- Maritime certified IEC 60945
- Available in white or black outer shell
- Vibration mount, pole and rail mount

UP TO 300' CABLE
- Cable certified to IEC60332-3
- Heavy duty industrial metal turret connectors
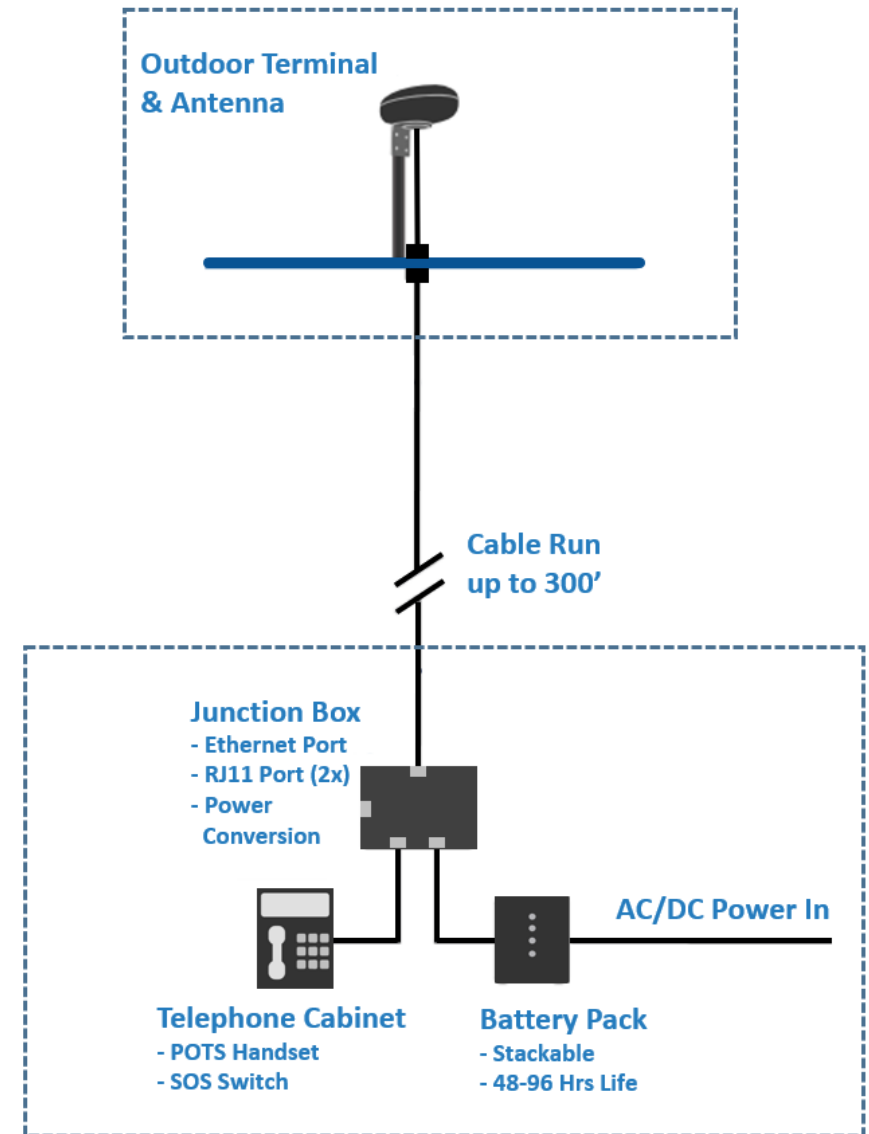- Includes Ethernet, DC voltage, SOS line, and RJ11 phone cable

POTS TELEPHONE WITH CABINET AND JUNCTION BOX
- Corded phone in lockable cabinet
- Additional captain's phone can be added to bridge
- Dialing instructions located inside cover

BATTERY BACKUP SYSTEM
- 24 - 48 hours battery life
- Built for maritime applications
- Exceeds IMO BMP5 for anti-piracy

Outdoor Terminal & Antenna

Cable Run up to 300'

Junction Box
- Ethernet Port
- RJ11 Port (2x)
- Power Conversion

AC/DC Power In

Telephone Cabinet
- POTS Handset
- SOS Switch

Battery Pack
- Stackable
- 48-96 Hrs Life

Blue Sky Network

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SkyLink Citadel – Kit Components

ADU:

- **Enclosure**
- **Mount**
- **SkyLink 6100 Satcom**
- **Iridium Certus Antenna**
- **POTS Adapters**
- **Up to 300' Composite Cable**

BDU:

- **Junction Box**
- **Lockable Phone Cabinet w/SOS Switch**
- **SkyLink Backup Battery Pack**

OPTIONAL:

- **Enclosure Color: Black or White**
- **Composite Cable length: 300' and 150'**

Blue Sky Network

Blue Sky Network: Citadel Comparison

ASE Citadel

BSN Citadel

Capabilities	ASE Citadel	BSN Citadel
Discreet Installation	✓	✓
300' Cable Distance	✓	✓
Lockable Phone Cabinet w/ POTS	✓	✓
GNSS	✓	✓
Iridium Voice	✓	
HD Voice		✓
2x Voice Lines		✓
IP Data Networking		✓
Messaging & Email		✓
Wi-Fi Capable		✓
VPN		✓
Firewall		✓
Cloud Services		✓
SOS Emergency Alerts		✓
Tracking		✓
Battery Backup 48+ Hours		✓

Blue Sky Network

Citadel-Comparison-v2.0

SkyLink 6100E

Delivers cost-effective satellite voice and data connectivity for maritime operations, anywhere on the planet

100% GLOBAL, DUAL-MODE CONNECTIVITY
Dual-mode satellite and LTE communications solution that enables enterprise-grade voice and real-time data transfers, anywhere on Earth

REMOTE MONITORING & TELEMETRY FOR TOTAL VISIBILITY
Effortlessly collect and transmit data remotely, providing real-time situational awareness and operational health of connected systems

LOW SWAP COMMUNICATIONS SOLUTION
Compact, lightweight terminal with seamless installation and integration

KEY FEATURES

- 300' Distance
- VoIP Telephony & Messaging
- Out-of-Band (OOB) management
- PoE Solution
- IMT Messaging

- Telemetry offload
- SIP for PABX
- Internet/VPN
- LTE & GNSS
- Mid-band satellite data

Blue Sky Network

SkyLink Specifications

- **Operating Voltage: 10-34VDC**

- **Power Consumption: 7 watts nominal, 18 watts peak**

- **AC Mains: 115/230VAC 50/60HZ to 24VDC; adapter provided**

- **Operating Temp range: -40C to +70C**

- **Exposure: Outdoor (IEC 60945), IP67 Rating**

- **Size: 36.1cm x 18.5cm x 15.7cm)**

- **Weight: 1.7kg**

- **Speeds: Iridium Certus 100 (88kbps downlink / 22kbps uplink)**

- **Interfaces: RJ-45, RJ-11 (2x)**

Blue Sky Network

SkyLink ComCenter

A resilient business continuity solution that offers satellite voice and data connectivity to the outside world, when needed

100% GLOBAL, DUAL-MODE CONNECTIVITY
Weather-resilient dual-mode satellite and LTE solution that enables enterprise-grade voice and critical communications – anytime, anywhere

CRITICAL COMMUNICATIONS
Provides always-available indoor satellite voice and data communications during emergency situations

IDEAL IN-BUILDING SOLUTION
Designed as fixed-site solution with POTS/VoIP for office infrastructure integration

KEY FEATURES

- SOS switch
- 2x High-Definition Voice Lines
- Messaging & email
- Internet / VPN
- Simple installation & easy to use

- RJ-11 and RJ-45 Interfaces
- Battery backup
- Advanced local firewall
- Interface to Office PABX
- WiFi Option

Blue Sky Network

SkyLink ComCenter Block Diagram

IRIDIUM CERTUS OUTDOOR TERMINAL AND ANTENNA
- Integrated SkyLink satcom and antennas
- Available in white or black outer enclosure
- Vibration mount, pole and rail mount

UP TO 300' CABLE
- Cable certified to IEC60332-3
- Heavy duty industrial metal turret connectors
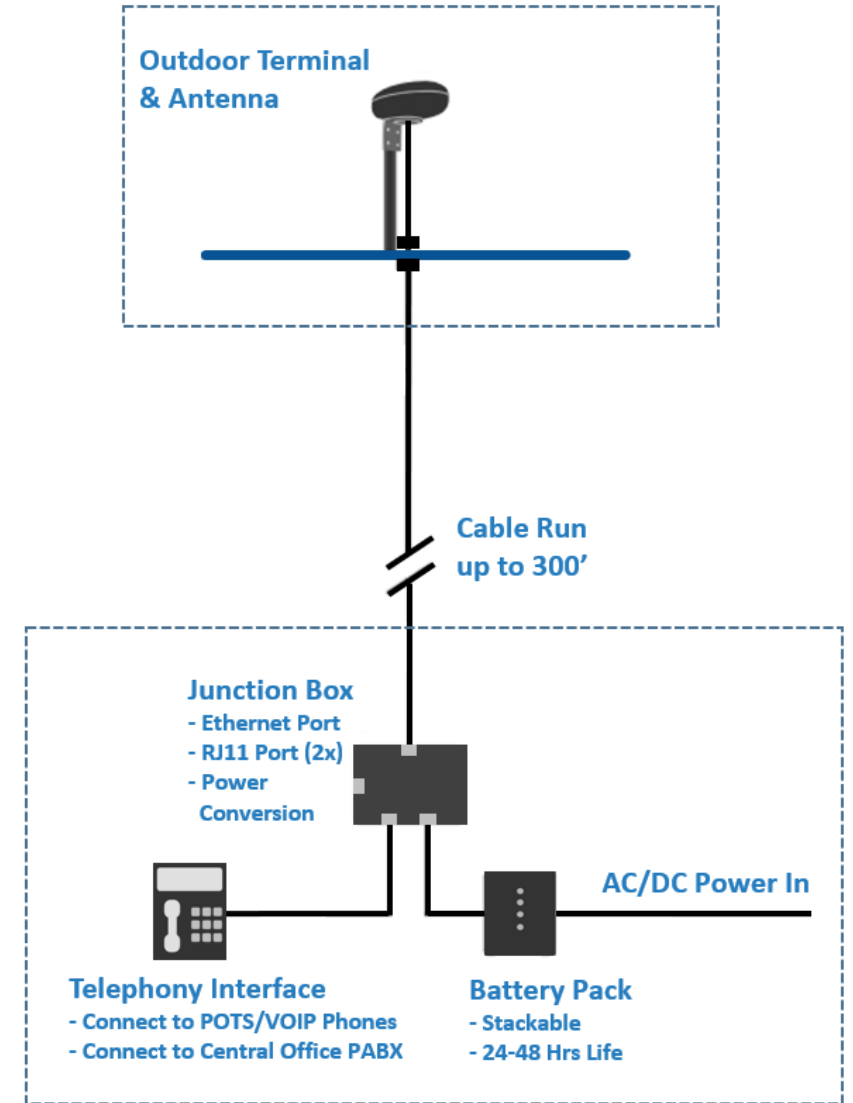- Includes Ethernet, DC voltage, SOS data, and POTS twister pairs

INTERFACE TO POTS/VOIP TELEPHONY
- Junction box with 2x RJ-11 and 1x RJ-45 Interfaces
- Connect to Analog Phones or Wireless Phone System
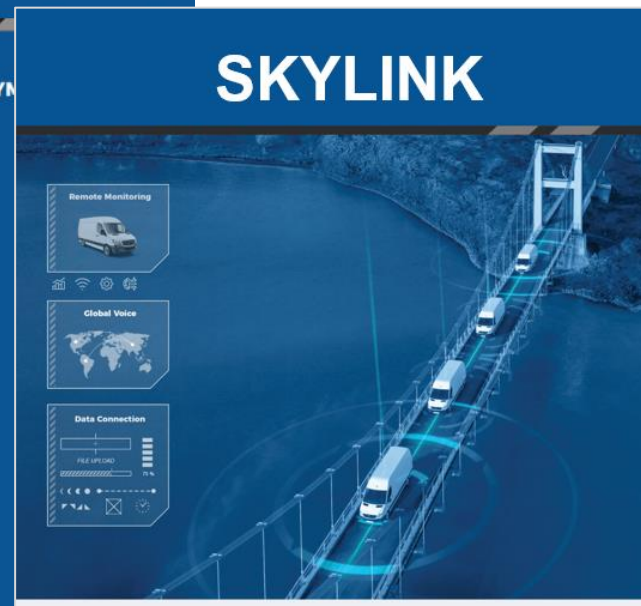- Connect to Central Office PABX

BATTERY BACKUP SYSTEM
- 24-48 hours battery life
- Integrated SOS switch for emergency alerting
- Stackable power packs

Outdoor Terminal & Antenna

Cable Run up to 300'

Junction Box
- Ethernet Port
- RJ11 Port (2x)
- Power Conversion

AC/DC Power In

Telephony Interface
- Connect to POTS/VOIP Phones
- Connect to Central Office PABX

Battery Pack
- Stackable
- 24-48 Hrs Life

Blue Sky Network

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Collateral & Documentation

Iridium GO! exec®

Supports 2 voice lines and delivers Wi-Fi connectivity for select messaging, email, and app usage

100% GLOBAL, WI-FI CONNECTIVITY
Enables Wi-Fi connectivity for select messaging, email, social media, weather, and light web browsing apps

HIGH-QUALITY CALLS DIRECTLY FROM DEVICE
Users can make up to 2 phone calls directly on Iridium GO! exec using the built-in speakerphone and microphone or connect wirelessly to the device within a range of up to 30 m (100 f) from their smartphone

PORTABLE TERMINAL
This light and compact product offers portable personal and office connectivity

KEY FEATURES

- Built-in secure Wi-Fi connectivity
- Compact design
- Color touchscreen
- Multi-user access for up to two voice calls or multiple data connections
- Built-in speakerphone & microphone functionality
- Dual USB-C, ethernet & external antenna / GPS ports
- Mid-band satellite data

Blue Sky Network

Thales MissionLINK

Provides reliable global coverage for critical land operations in the most remote parts of the world

100% GLOBAL, BROADBAND CONNECTIVITY
Weather-resilient satellite coverage with low latency for critical data and voice communications—anytime, anywhere

REMOTE MONITORING & TRACKING
Location tracking, service logging, crew connectivity, cargo monitoring, and real-time weather reports keep you up to speed on operational status

LOW SWaP, RUGGED TERMINAL
A durable, low-profile design, MIL-STD-810 military standard testing, and an IP66-rated single cable antenna make MissionLINK the ideal communications solution for prolonged operations in the elements

KEY FEATURES
- Certus® 700 services (352kbps Up/704kbps down & 256 kbps streaming capable)
- 4G LTE ready, softphone and Push-To-Talk (PTT) capabilities, embedded 802.11b/g Wi-Fi access point
- 3 dedicated voice lines and support for up to 3 concurrent Wi-Fi devices
- Satellite to land-mobile radio extendable network through a unique radio gateway
- Easily integrates terrestrial cellular with built-in preferred routing switch

Blue Sky Network

Thales VesseLINK

Provides 100 % global coverage for critical maritime operations, anywhere on the planet

100% GLOBAL, BROADBAND CONNECTIVITY
Weather-resilient satellite coverage with low latency for critical data and voice communications—anytime, anywhere

REMOTE MONITORING & TRACKING
Enhanced at-sea reporting, service logging, crew connectivity, system and cargo monitoring, location tracking, and real-time weather reports keep you up to speed on operational status

LOW SWaP, RUGGED TERMINAL
A durable, low-profile, adaptable design with salt and fog corrosion protection makes VesseLINK the ideal communications solutions for prolonged operations at sea

KEY FEATURES

- Certus® 700 services (352kbps Up/704kbps down & 256 kbps streaming capable)
- 4G LTE ready, softphone and Push-To-Talk (PTT) capabilities, embedded 802.11b/g Wi-Fi access point
- 3 dedicated voice lines and support for up to 3 concurrent Wi-Fi devices
- Satellite to land-mobile radio extendable network through a unique radio gateway
- Easily integrates terrestrial cellular or VSAT with built-in preferred routing switch

Blue Sky Network