

Global Hybrid Network Systems

Ultra High-Speed LEO Network:

Eutelsat OneWeb & Starlink

- Downlink 60 to 195Mbps; Uplink 10 to 32Mbps
- Low Latency
- **NEW ESA/Flat Panel Slimline Terminals** (17 to 40lbs)
 - High Reliability, No Moving Parts
 - Integrated Antenna & Modem w Single Coax + Power
 - Easy to Install
 - Lower Cost for Higher Speeds vs. Legacy Systems
 - **Intellian Enterprise & Compact • Kymeta Peregrine • Starlink**



Hybrid GEO / MEO / LEO Networks

Full Resilience ➔ Connectivity Always-On

- LEO with VSAT Back-Up
- L-Band Resilience in Poor Weather
- LTE Available in Coastal Waters

Services:

- **Fixed Price Monthly Plans**
 - Unlimited (AYCE) & Pooled Plans
 - Hardware Leasing
- **Mackay Global Installation & Field Service Network**



Iridium Certus®

- Certus® 700, 200 and 100 series
- Up to 3 High Quality Voice Lines
- Data Connectivity Up to 704 kbps/352 kbps (Down/Up)
- Easy-to-Use Interface & Single Cable



Iridium's Cost-Effective Global Solutions

- **Certus® 700 & 200:** **Thales, Intellian, Cobham & Lars Thrane**
- **Certus® 100:** **Lars Thrane & SkyLink**
- **Iridium GMDSS w SSAS, LRIT:** **Lars Thrane LT-3100S** (500M Cable) Q3-4 2024 New Entrants & Certus® Variants
- **Iridium Anti-Piracy Citadel Terminals**
- **Satellite WiFi Hotspot:** **Iridium GO!® & GO! exec™**
- **Iridium PTT:** **Extreme® & Icom IC-SAT100/100M**
- **Iridium Satellite Phones:** **9555 & Extreme®**



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CONTACT Mackay Satellite Services at +1 919 850 3100 or satserv@mackaycomm.com

Connectivity, Security & Network Management



UPS Battery



Mackay Anti-Piracy Citadel Solution for HRAs

- VHF, Iridium (Global), Integrated GPS
- Mackay Prepaid & Postpaid Plans available
- Pre-assembled & Ready-to-Use
- Ruggedized IP-grade Case (swapable between vessels)
- Option: Reliable Backup UPS & Battery 72h+ (usage 95/5)
- Optional CCTV Solution



Mackay WAN Switch (SnakeBox)

- Least-Cost Router Saves Money
- Firewall Security and Restriction of Unessential Data
- WAN Prioritization Wi-Fi – Cell – Satellite
- E-Mail Server (Integration with O365)
- Message Delivery Tracking
- Vessel and Crew LAN's
- **Remote Management of All LAN/WAN Attached Devices**

PORT-IT

SAFELY CONNECTED AT SEA

Network Management & Cyber Security



- **Cyber Security IMO & IACS E26/E27 Compliance**
- **Unified Threat Management (UTM)** (Entry & Complete Options)
 - Complete Network Protection option
 - Advanced Endpoint Protection
 - 24/7 Monitoring, Alerting & Reporting
 - Asset Management
 - Risk Assessment
 - Network Detection & Response (NDR)
- **Port-IT Vanair Endpoint Service**
- **Port-IT Crew Wi-Fi Onboard**



Cyber Security Concerns? Contact our Sat Services Team to Discuss!

Communication & Navigation Equipment Sales • Service • Installation • Airtime

AIS • Autopilots • ECDIS • EPIRB • GMDSS • GPS • Gyro • Radar • Radios • Satcom • SSAS • Sub Sea • (S)VDR & more

CONTACT Mackay Satellite Services at +1 919 850 3100, satserv@mackaycomm.com or your Mackay Account Rep



Communication & Navigation Equipment Sales • Installation • Service • Airtime
AIS • Alarms • Autopilots • CCTV • Console Integration • Dynamic Positioning • ECDIS • EPIRB • GMDSS • GPS • Gyro • Interior Comms
Magnetic Compass • 15ppm • ODME • Radar • Radios • Satellite Communications • Satellite TV • SSAS • Steering Systems • Sub Sea • (S)VDR

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