



C-COMM™

KU BAND VSAT EQUIPMENT

STAY CONNECTED WORLDWIDE WITH C-COMM

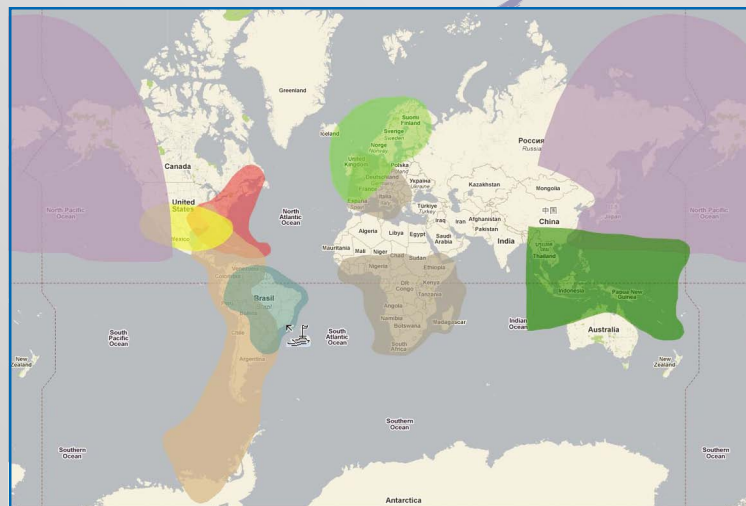
GLOBAL IP NETWORK BACKBONE

C-Comm's global IP network backbone provides seamless switching of entire IP subnetworks when a vessel switches beams, allowing for only a momentary loss of network throughput. This provides C-Comm the ability to use the closest point of presence to deliver traffic to destination reducing latency. There is no need to backhaul traffic from Europe to the United States to send it through the public Internet or other destinations. Traffic can be engineered so designated traffic types can be backhauled to specific locations and traffic destined for the public Internet can be separated and sent directly to the closest access point.

C-Comm has the ability to co-locate equipment at the teleport line-of-sight facility, receiving the traffic from the vessel. This allows the customer to manage traffic as desired, instead of backhauling it to a central location for management. The result is reduced latency and increased reliability. This fully-redundant backbone system ensures there is no single point of failure.

SATELLITE NETWORK SERVICES

C-Comm offers over 23 years of experience in all aspects of satellite network operations with a dedicated network operations center (NOC) staffed around the clock. C-Comm offers the gold standard in satellite network hub design and redundancy, including the use of iDirect 5IF hubs to provide virtually unlimited growth with the ability to daisy-chain multiple chassis as needed. Each C-Comm customer is provided a unique bandwidth and ground infrastructure that is not shared with any other customer. Customers may perform network management functions independently or with the assistance of one of our experienced engineers.



COMMUNICATE WITH THE WORLD



GLOBAL KU BAND NETWORK

Customers are given access to C-Comm's proven and established global Ku band network as an extra layer of redundancy in the customer's network, or as additional bandwidth to be augmented to the service.

SHIPBOARD TECHNOLOGY

C-Comm provides its customers with onboard network engineering to accept both serial and Ethernet connections. An experienced IP network and RF equipment staff is available to configure and maintain shipboard equipment.

THE C-COMM SOLUTION

GLOBAL COMMUNICATIONS COMPONENTS

C-Comm's global communications solutions are comprised of the following components:

- Antenna(s)
- iDirect modem(s)
- Ku band satellite transmission systems
 - Spot beams
 - Global Ku
 - Ranging from contended to dedicated bandwidth (64 kbps to 2 Mbps)
- Data security and consolidation
 - Defense accredited IT and transmission security
 - 5 x to 100 x file consolidation

Added Value Services (optional):

- Remote monitoring and diagnostics
- Logistics
- Real-time location services
- Remote monitoring and diagnostics of onboard communications systems
- On-demand additional bandwidth
(The customer can subscribe to C-Comm's NOC for on-demand additional bandwidth, given 24 hours' notice.)

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