



HARRIS CAPROCK® ONE

THE INDUSTRY'S MOST INTELLIGENT MANAGED COMMUNICATIONS SERVICE

Businesses with operations offshore, such as those in the energy and cruise industries, must maintain reliable communications while moving rigs or ships from one region of the world to another. Harris CapRock One is designed to take the complication out of communications and provide an always on, best connection possible. Intelligence is built into the system to automatically manage satellite connections no matter where you are, or where you are going.

BENEFITS

One solution delivering 99.999% network availability

Lowest possible latency

Greatly reduced intervention cost and time

Added resilience and increased availability

Fewer antennas required to provide connections

Automatic change when communication issues occur

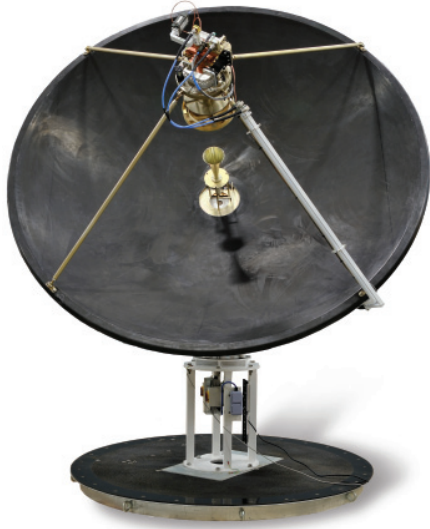
Harris CapRock One should not be compared to traditional satellite communications services. It includes unique elements such as a multi-band stabilized antenna, high-throughput satellites, location sensing and mapping as well as automatic beam and band switching. The system uses embedded network intelligence to make performance-based decisions, routing traffic from specific applications over the transport medium best suited for the task depending on speed, latency, location and cost.

- One unified platform supporting satellite, wireless and terrestrial connectivity
- One antenna capable of delivering C-, Ku- and Ka-band service
- One future-proof design to integrate new networks in the future

USAGE GUIDELINES

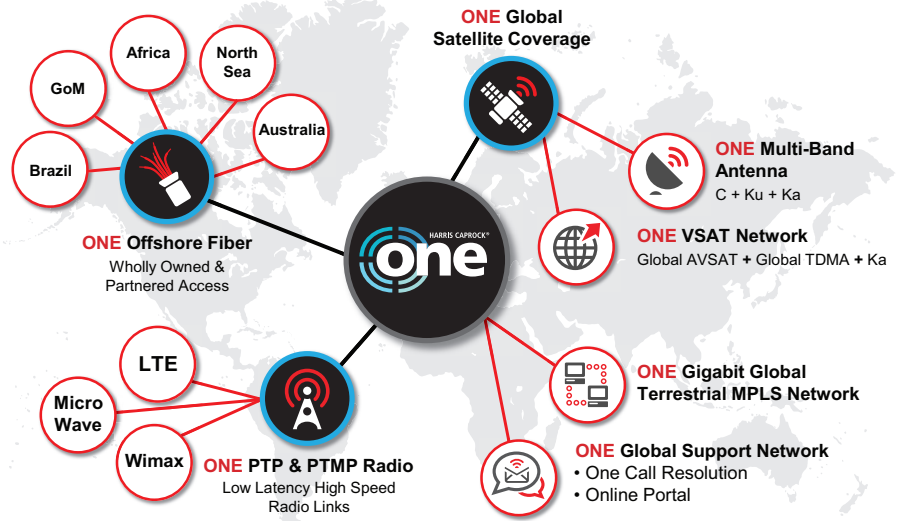
Works with any satellite, Modems, BUCs, routers and switches

Works only with Harris antenna, positioner and ICD



Telecommunication services included in the Harris CapRock One architecture

- Point-to-Point and Point-to-Multipoint radio
- Offshore fiber
- WiMax
- Private and Carrier-based LTE
- Terrestrial MPLS
- Hybrid networks



KEY COMPONENTS

Multi-band Antenna

- Accesses C, Ku, and Ka frequencies with no mechanical switching required
- Built from deployed technology to the US Government and adapted for the commercial market
- Antenna on proven proprietary positioner
- Remotely configurable with built in tests and diagnostics
- Enhanced data and event logging
- Multiple antenna manager functionality

Intelligent Communications Director (ICD)

- Geographically aware smartbox, maintains awareness of operator's traffic
- Capable of incorporating all potential satellite solutions globally
- Prioritizes links to select the best link possible
- Incorporates wireless and LTE links to select optimal networks
- Automatically switches when communication is better suited by another solution

Harris CapRock One Hardware Packages

	Platinum	Gold	Evolution
Multiband Antenna(s) - Tri-Band	3	Option	Option
Multiband Antenna(s) - Dual Band	N/A	2	1
Ka Band Upgrade Kit	Y	Option	Option
Fully Wired Equipment Rack	Y	Y	Y
ICD - Enabled Ports	Y	Y	Y
Router	High Throughput	Y	Y
iDirect TDMA Modem	Y	Y	Y
Advanced VSAT Modem	Y	Y	Option
Ka Modem, Ka Modem 1 + 1 Kit HCLOS Radio Kit, Wireless Antenna Kit – STAB, Wireless Antenna Kit – Sector			
Wireless Antenna Kit - Omni	Included	Option	Option
Near Shore 4G/LTE	Y	Y	Y

NORTH AMERICA | CENTRAL AND SOUTH AMERICA | EUROPE | WEST AFRICA | MIDDLE EAST | ASIA PACIFIC

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