

# Custom-Built Terrestrial Network Solutions

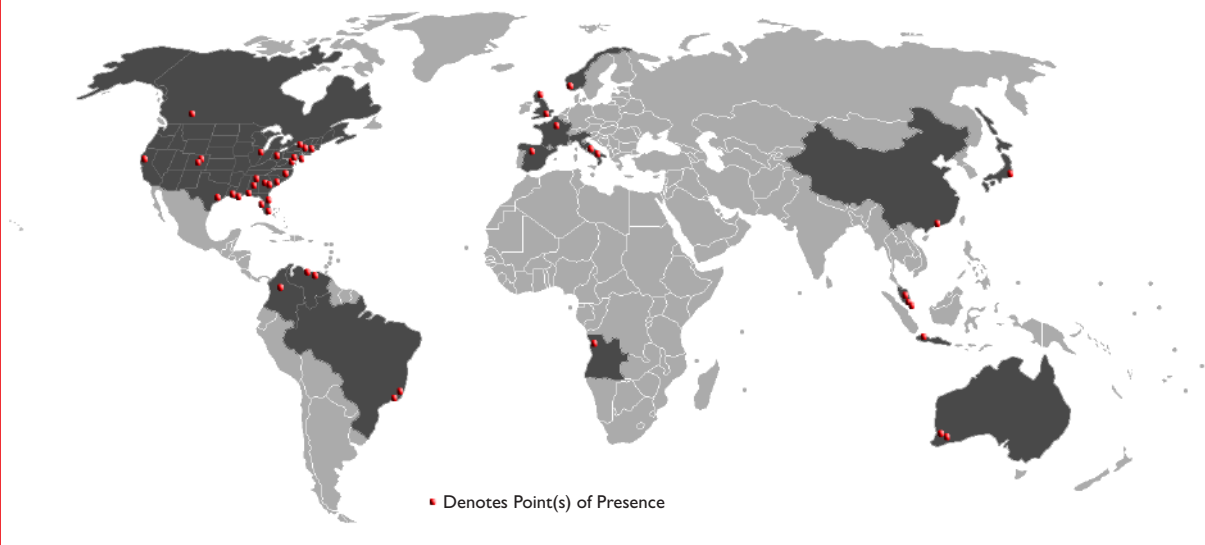
World-Class Communications Anywhere in the World™



In today's evolving milsatcom landscape, government and military personnel need secure, reliable communications that enable information sharing and enhance situational awareness. Customers ranging from major defense installations to small remote units depend on terrestrial communications providers to quickly build robust networks for seamless access to voice, video and data.

Our terrestrial team specializes in designing custom networks and engineering solutions that provide rapid connectivity for customers who need immediate service. While some service providers attempt to fit customer requirements into their preexisting networks, our custom-built terrestrial solutions are developed exclusively based on user needs.

Harris CapRock owns and manages extensive global terrestrial infrastructure that includes more than 80 Points of Presence (PoPs).



## CARRIER-CLASS NETWORK

- > Decreased network costs through optimized design
- > Reduced risk/improved network resiliency
- > Increased network performance and availability
- > Facilities-based switch infrastructure for quality control
- > MPLS overlay networks
- > Rapid provisioning of service to on-net locations

## TERRESTRIAL COMMUNICATIONS SERVICES

- > Digital and analog circuits up to 10 Gbps (OC-192)
- > Dense Wave Division Multiplexing (DWDM)
- > Fast Ethernet and GIG-E
- > SONET and Dark Fiber
- > 24x7 Network Monitoring
- > Diversity/Avoidance
- > Consistent and reliable customer support

# DATS Terrestrial Network Infrastructure

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**Legend:**  
 Core Nodes ■  
 Existing Backbone —  
 On-Net Facilities ◆  
 Aggregate Circuit —

**DISN Access Transport Services (DATS)**

**Connectivity to DISN and GIG**

- > 29 DISN Access Points
- > More than 3,500 Circuits Installed
- > Bandwidth-on-demand at 50+ DoD Locations

**Harris CapRock's robust network enables immediate bandwidth-on-demand**

*Examples of rapid provisioning times between on-net locations (less than 3 hours)*

- > Up to 10G between Andrews and Pentagon
- > Up to OC48 between Navy Medical Center and Suitland Navy Yard
- > Up to OC12 between Charleston and Hanscom
- > Up to OC12 between Redstone and Fort Belvoir

## ON-NET FACILITIES

### United States

Aberdeen	Fort Benning	Hanscom AFB	Philadelphia Naval Depot
Adelphi	Fort Bragg*	Hunter AAF	Radford RFAAP
Andrews AFB	Fort Dix	Intelsat Teleport	Redstone Arsenal
Anniston Army Depot	Fort Drum	Jacksonville NAS*	Robins AFB
Bethesda - Carderock	Fort Gillem	Keesler AFB	Rome
Bethesda - Navy Medical Bldg*	Fort Gordon	MacDill AFB*	Stennis Space Center
Brunswick	Fort Lee	Miami NAP	Suitland Navy Intel
Camp Lejeune	Fort McPherson	Mechanicsburg	Tobyhanna Army Depot
Charleston AFB	Fort Meade	Millington Naval Depot	Truman Annex
Charleston NWS	Fort Monmouth	NWS – Charleston	Virginia Beach NCTAMS
Eglin AFB	Fort Stewart	Patuxent River	
Fort Belvoir*	Gunter	Pentagon*	

\* Multiple Nodes On-site

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