

STEERABLE HIGH CAPACITY BEAMS

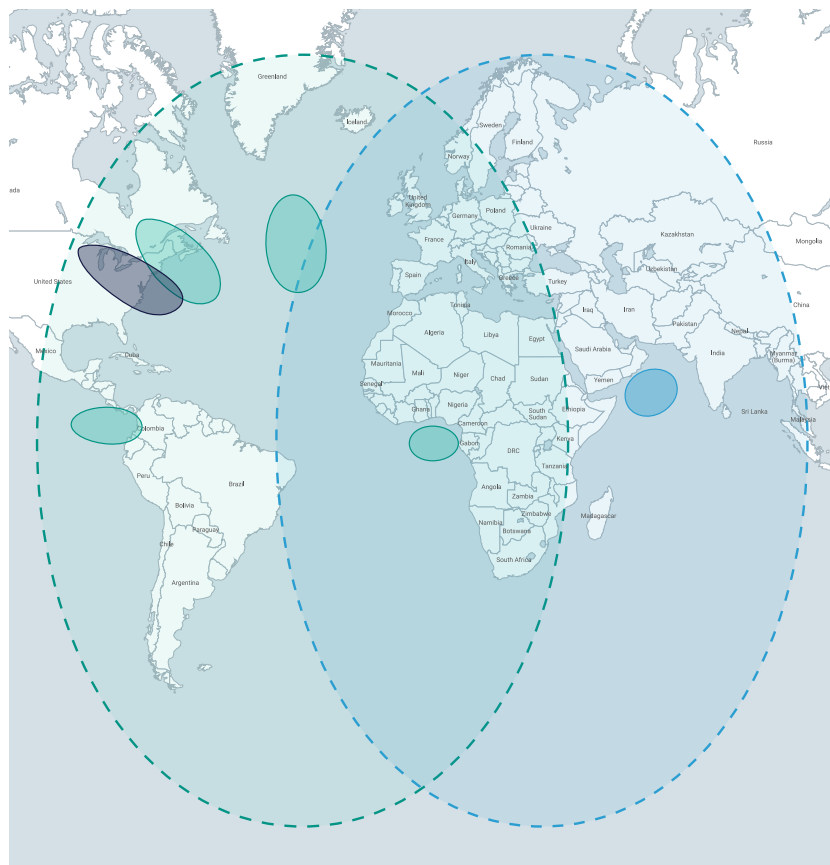
Avanti's COMSATCOM as a Service provides an all-up capability of terminals, network operations and airtime leases (in Civ or Mil Ka) all delivered for a monthly charge through a range of flexible packages (week, month, year).

Combine this with Avanti's high throughput steerable spot beams (in Civ or Mil-Ka) to deliver the ultimate in operational flexibility. Covering up to 15,000 square miles and able to generate up to 2Gbps of capacity Avanti's steerable beams can scale between high-throughput theatre backhaul to supporting a lone operator with a 2Mbps/2Mbps mission critical transmission.

Choose between a managed service with beam moves in 4-hours or a fully automatic service where you control the beam's steering joystick and therefore benefit from the highest grade security and secrecy of beam pointing. With high strength beams Avanti's steerable beams are optimized for supporting SATCOM on the Move antenna - on the land, at sea or in the air.

By providing a whole, dedicated beam users can also benefit from exploiting a range of secure operational features to lower the probability of intercept or detection including: operating below the noise floor, operating carriers within carriers, spread spectrum operations and frequency agility.

Terminal	Antenna Size	Mbps FWD	Mbps RTN
Tampa 65	65cm	107 Mbps	40 Mbps
Ultra Gigasat FA100	98cm	331 Mbps	184 Mbps
Hornet 100	98cm	153 Mbps	119 Mbps
Ultra ULV45	45cm	215 Mbps	75 Mbps
GetSat Millisat	27cm	147 Mbps	21 Mbps
GetSat Microsat	20cm	8 Mbps	8 Mbps
GetSat Nano-H	15cm	4 Mbps	4 Mbps



Very high capacity

- Scalable service from low Mbps to Gbps

Commercial flexibility to suit every mission type

- Weekly/Monthly/Annual packages

Highly efficient

- Translates into very competitive \$/Mbps rates

Optimized for SATCOM on the Move

- High throughput to very small terminals

Latest Equipment

- Exploit the latest innovation in terminals and modems