

MILITARY COMMUNICATIONS



High throughput connectivity delivering critical communications wherever it's required.

Avanti's Government and Military customers move at speed to where they are most needed. Their equipment needs to be small, light and mobile but they can't afford to compromise on performance. That's why Avanti's high throughput satellite network and flexible, steerable beams make a difference.

Avanti's satellites bring battle-winning capability:



The largest range of antenna systems accredited and available for use on Avanti's network.

Providing users with the ability to bring their own existing equipment or allow us to recommend an antenna system to deliver the right user experience at the right price.



The fastest terminal onboarding and accreditation system across the space industry.

Allowing users to exploit the very latest technology as soon as it's available – including R&D/pre-production capabilities.



A proven network of high throughput fixed beams and Gateways providing coverage across EMEA.

Flexible and agile commercial models and service activations means users can stand-up missions and re-deploy to other regions in days.



Steerable beams providing connectivity wherever and whenever it's needed.

Beams can track mobile platforms en-route to a mission and then provide depth of coverage across a region – offering inter-theatre connectivity or bringing traffic back to a strategic hub.



The ability to exploit the latest anti-jamming and anti-detection capabilities.

Equipment agnostic hubs means users can use their preferred LPI/LPD tools in conjunction with frequency and spectrum agility on our networks.



Optimised to support Comms on the Move, on the Pause or on the Halt.

Antenna systems and data packages to support different formations and use-cases, including:

- Large capacity data-pipes for HQs,
- Focussed Return/Uplink services for ISR dissemination
- Specialised Ground, Air and Maritime mobile connectivity solutions.

MORE INFORMATION?

To know more about what Avanti can offer, please contact:

Defence Team
Defence@avanti.space



ANTENNAS FOR EVERY USE CASE



SATCOM on the Pause

Paradigm Ragno:

Small, light and extremely quick to setup and operate.

Over 60Mbps downlink/35Mbps uplink



SATCOM on the Halt

Tampa Microwave:

Capable, ruggedised, Man-portable antenna. Setup in minutes and capable of delivering HQ-level services.

Over 120Mbps downlink/60Mbps uplink

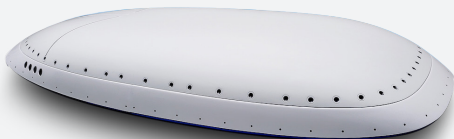


SATCOM on the Move (Ground & Maritime)

Getsat Nano:

Small, rugged, flexibly installed terminal. Dynamically acquires and retains lock on satellite at 100km/h..

Over 10Mbps downlink/5Mbps uplink



SATCOM on the Move (Aero)

Thinkom 2517:

Light, low-profile antenna capable of operating in Civ & MilKa and installable on widest range of airframes.

Over 40Mbps downlink/20Mbps uplink

MORE INFORMATION?

To know more about what Avanti can offer, please contact:

Defence Team
Defence@avanti.space



www.avanti.space

Be More.