ABOUT
AVANTI

Quality. Flexibility.

www.avantiplc.com
We connect people wherever they are.
We serve them in their homes, businesses, government and on mobiles.
We do so through more than 180 partners in 118 countries.
Our network provides ubiquitous internet service to a quarter of the world’s population.
It delivers the level of Quality and Flexibility that the most demanding telecoms customers in the world seek.
Combined coverage

Avanti’s growing satellite fleet covers 118 countries across Europe, the Middle East and Africa.

**HYLAS 1**
- **ORBITAL LOCATION**: 33.5° W
- **CAPACITY**: up to 3GHz

**HYLAS 2**
- **ORBITAL LOCATION**: 31° E
- **CAPACITY**: up to 11GHz

**HYLAS 3**
- **ORBITAL LOCATION**: 31° E
- **CAPACITY**: 4GHz

**HYLAS 4**
- **ORBITAL LOCATION**: TBD
- **CAPACITY**: 28GHz

**ARTEMIS**
- **ORBITAL LOCATION**: 21.5° E
- **CAPACITY**: Up to 1GHz
Quality

Avanti is focused on enabling Service Providers to deliver their customers a reliable and efficient service, wherever they are.

Full Coverage
- 100% national coverage of primary countries
- Overlapping beam patterns (no in-country coverage gaps)

High Spectral Density, Compact Customer Premises Equipment
- Terminals provide a cheaper, attractive and more efficient way of delivering bandwidth to customers

Smart Beam Clustering
- Avanti’s beam clusters land in a single earth station in the relevant country or region
- Service Providers who want a national service need only operate through a single hub

Diverse Networks Deliver Resilience
- Redundant Ground Earth Station with market beating SLAs with no atmospheric outages at gateway
Flexibility

Avanti designs its services for the complex and changing needs of Service Providers in many geographies and application markets.

**Unique Avanti Operational Support System (OSS)**
- Proprietary OSS puts Service Providers in total control, allowing them to configure and manage service as if they owned the satellite fleet

**Multi-Vendor Platform**
- Open architecture enabling the use of any vendor’s hub or modem to satisfy Service Providers’ preferences for vendor hardware

**Contracting Flexibility**
- Three methods of operation/contract to suit their own risk appetite, technical capability and budget: raw bandwidth, managed megabit and packaged customer accounts and change between them as business evolves

**Niche Applications**
- Avanti’s cloud enables Service Providers to form their own applications using their own hardware, software and skills
Managed data services

Avanti’s extensive high quality network of satellites combined with simple antenna flexible solutions allows for a diverse range of managed data solutions.

The world’s most advanced satellite network interface gives Service Providers comprehensive control across the fleet and ground infrastructure.

- **Mini dish**
  Installed with smart phone application

- **Five satellites**
  The biggest, most ubiquitous coverage of EMEA

- **Multiple data centres**
  Connect to a highly resilient international fibre ring, ensuring reliable data rates of up to 365Mbps

- **Network**
  Offers the flexibility to address multiple high value sectors with low capex

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International fibre ring and GES

Avanti’s advanced international network of Ground Earth Stations and resilient fibre ring ensures our customers are always connected.

_Dual redundancy_

Diverse Avanti owned Ground Earth Stations deliver unparalleled resilience.
Cross connect fibre network
Cross connected fibre network creates resilience and redundancy in case of loss or damage to any link ensuring Avanti customers remain online.

Backhaul network
Multiple backhaul circuits from each Ground Earth Station provide additional resilience and redundancy.
Products

Avanti’s range of flexible products allow Service Providers to best address multiple high value markets.

- PURE: Dedicated Satellite Bandwidth
- CUSTOM: Guaranteed IP Throughput
- SELECT: Pre-packaged Broadband

BROADBAND
BUSINESS
CONSUMER

CARRIER
SERVICES
CELLULAR BACKHAUL

ENTERPRISE
BACKUP
HOSTING
OIL AND GAS
SCADA/M2M
SNG
TRUNKING

GOVERNMENT
BLUE LIGHT
EDUCATION
HEALTH
MILITARY
SECURITY
OUR NETWORK COVERS:

27% of global population

118 countries

65% of the world’s 20 fastest growing economies
Avanti connects people wherever they are – in their homes, businesses, in government and on mobiles. Through the HYLAS satellite fleet and more than 180 partners in 118 countries, the network provides ubiquitous internet service to a quarter of the world’s population. Avanti delivers the level of quality and flexibility that the most demanding telecoms customers in the world seek.