

Avanti Flexible GEO Capability

www.avanti.space

Capable

4.11GHz of dedicated, uncontended capacity.

Steerable cluster of 8 Ka HTS beams.

4x beams operating **Mil & Civ-Ka**.

Secure

Complete traceability of the network providing traffic assurance.

Secure, obfuscated steering through user-controlled API.

Agile

Cluster provides theatre wide coverage (>15-degrees).

User-controlled gateway beam.

Steerable cluster can follow a whole force deployment.

Dynamic

Global TT&C managed service to relocate satellite.

Fully flexible managed control to relocate to any orbital location – 2-degree drift per day.

Multiple relocation opportunities during life of satellite

Flexible

Flexible capability for contingency: move to mitigate technical failure/end of life or surge to areas of highest demand.

Realign satellite by biasing and pallet trimming to optimise usable capability.

Supports all Ka-band WGS certified antenna.

Steerable gateway beam provides resiliency to ground infrastructure threats.

Enduring

10-years operational life.

30-years additional managed/inclined operational life.

HYLAS 3

