



Exclusive
Trial Invitation

The New Economics of Cellular Backhaul

Overcoming the barriers of cellular backhaul via Ka-band satellite technology

Low ARPU

High Risk

High Capex

Deployment Time

Backhaul Cost

Business Model

The new economics of Cellular Backhaul

Avanti has revolutionised the economics of rural cellular backhaul by overcoming the fundamental barriers of cost and length of deployment.

Ka-band satellites provide a number of benefits over traditional terrestrial backhaul technologies:

Reduced cell site construction costs:

Satellite eliminates the requirement for inter cell line-of-sight backhaul.

New cell sites can be smaller in height:

Reduces construction costs and provides a more favourable proposal to planning control.

Lower operational costs:

Power consumption is significantly less than that of microwave.

Reduced risk of failure:

Terrestrial daisy chained networks are only as strong as the weakest link - satellite provides connectivity to each cell site independently, eliminating the risk of daisy chain failure.

Applications:



Network Extension and Infill



Remote Cell Sites with Seasonal Loading



Backhaul Backup



Network Rapid Roll-out



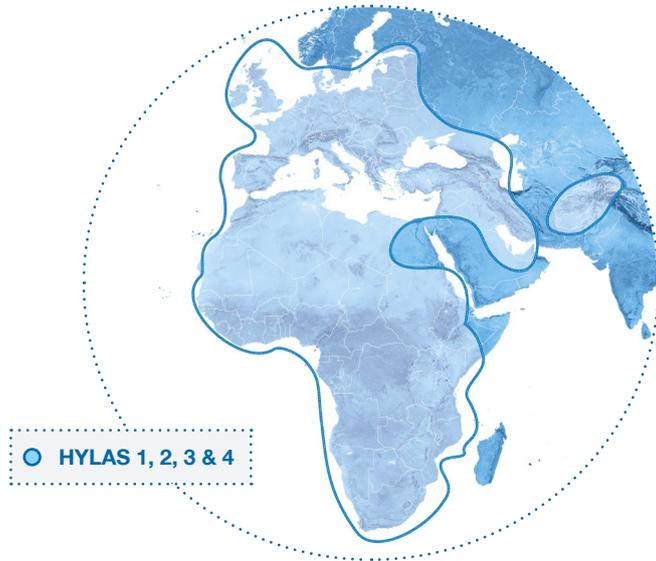
Fast Response Capacity



Cell on Wheels

Trial Ka-band in your RAN Network

Present us with a site where you are unable to supply a terrestrial link due to cost and / or deployment time and we will demonstrate how efficiently Avanti can support that site. Moving forward, we can have a trial up and running within 28 days of agreement, at no cost to the MNO.



About the trial

Locations

Europe, the Middle East and Africa

Technology

2G, 3G, 4G

Hardware

We deliver your desired bandwidth and the VSAT unit.

Support

Managed service through a virtual network model. 24/7 technical support.

This is a great opportunity for MNOs to experience Avanti's quality and flexibility in delivering end to end backhaul services via Ka-band satellite technology, without the large investment.

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