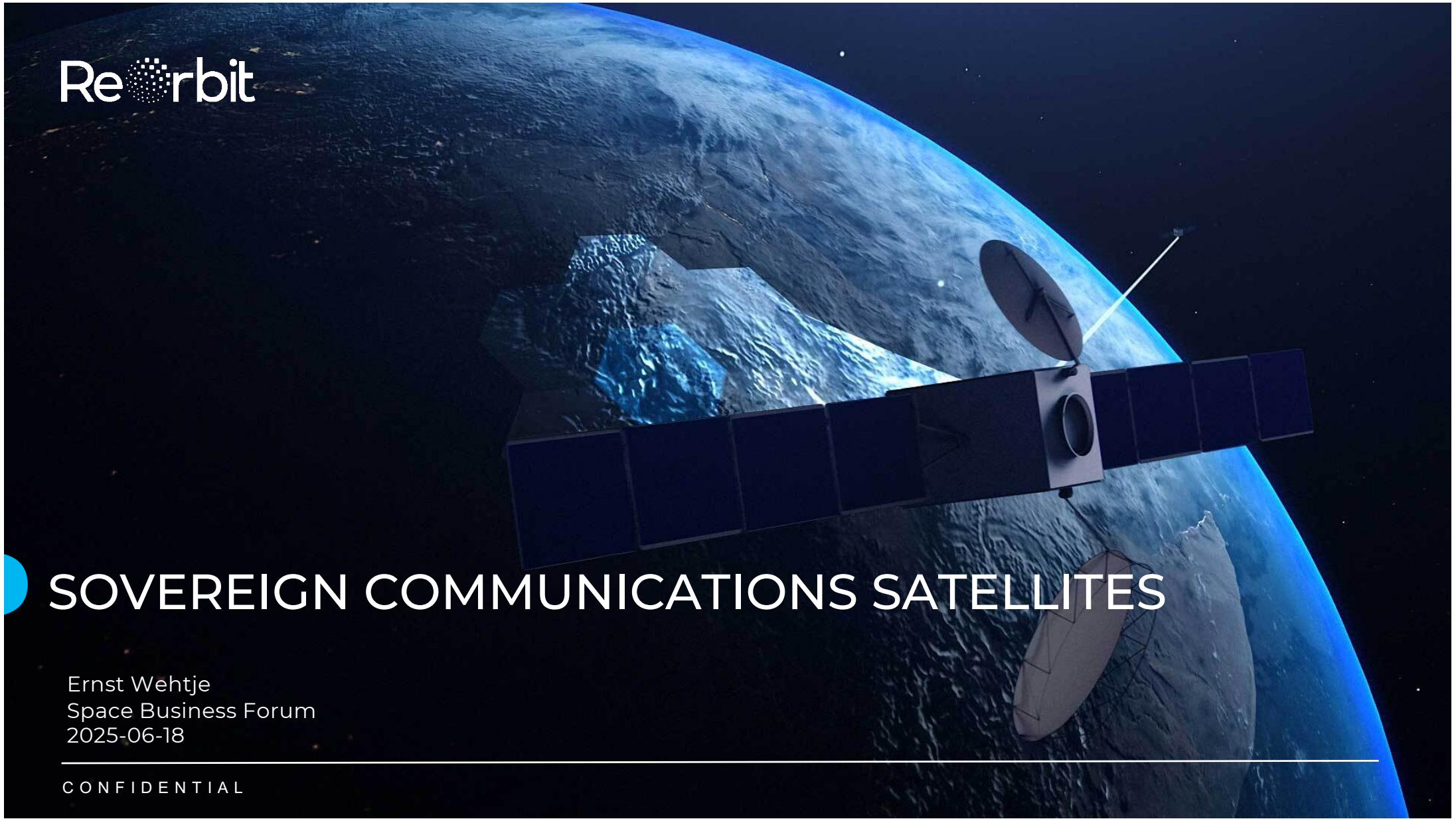


SOVEREIGN COMMUNICATIONS SATELLITES

Ernst Wehtje
Space Business Forum
2025-06-18

REORBIT

We engineer the next frontier of space infrastructure – intelligent, software-defined satellites that adapt, defend and empower.

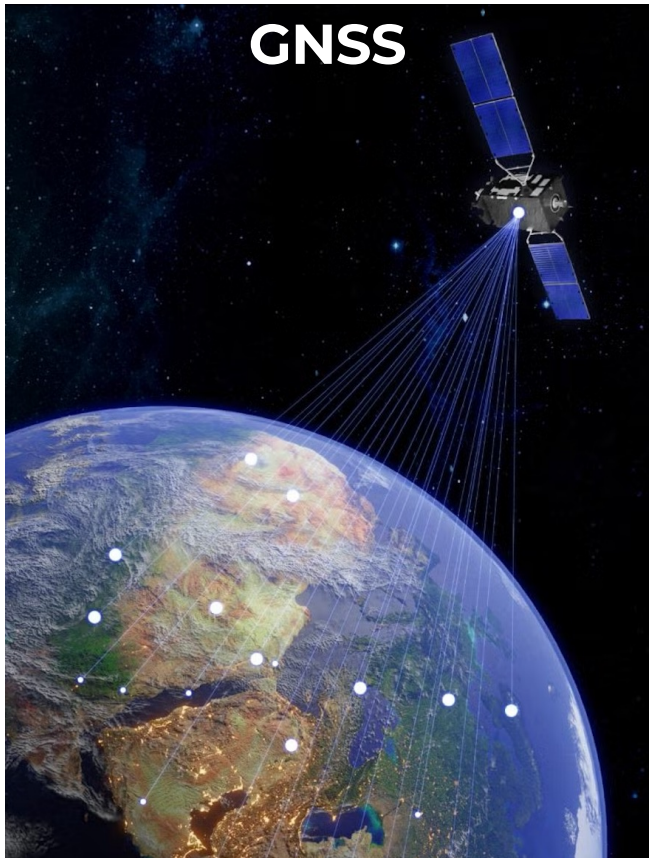
We aim to support Finland to grow its economy and ensure its security, while capturing the global market.

Founded 2019 in Sweden
HQ Helsinki
>70 employees
Fin, Swe, UK, Arg, India, US, Brazil

DUAL-USE SPACE TECHNOLOGY

Near-real time, global monitoring services

Secure and resilient connectivity services



Positioning, navigation and timing services

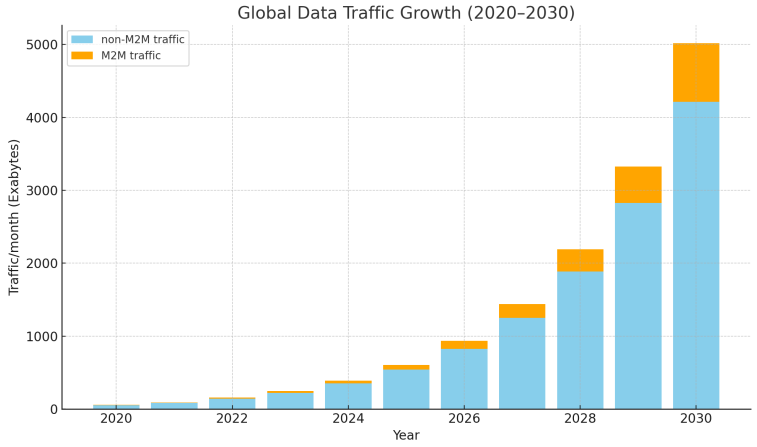
SATCOM - NETWORK EVOLUTION

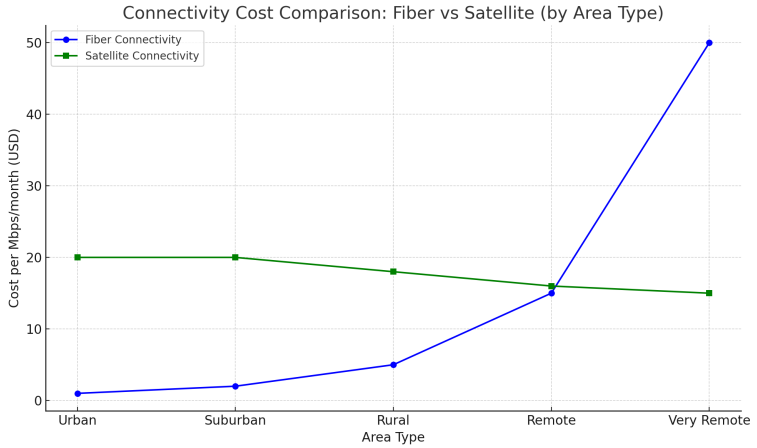
Always connected, everywhere
- Digitalisation
- 3GPP and D2D
- Internet in space

SATCOM complements terrestrial networks
- Remote connectivity – extention for MNO
- Mobility connectivity
- Resilience
- Private secure networks

Disruptive trends
- Decline in broadcast market
- SpaceX – Starlink

Smaller innovative GEO systems open new markets





SILTASAT SYSTEM

GEO HTS with fixed spot beams for regional coverage
- Currently: Ka, Ku, L and X-band

Smaller than traditional GEOs

Faster to develop than traditional GEOs

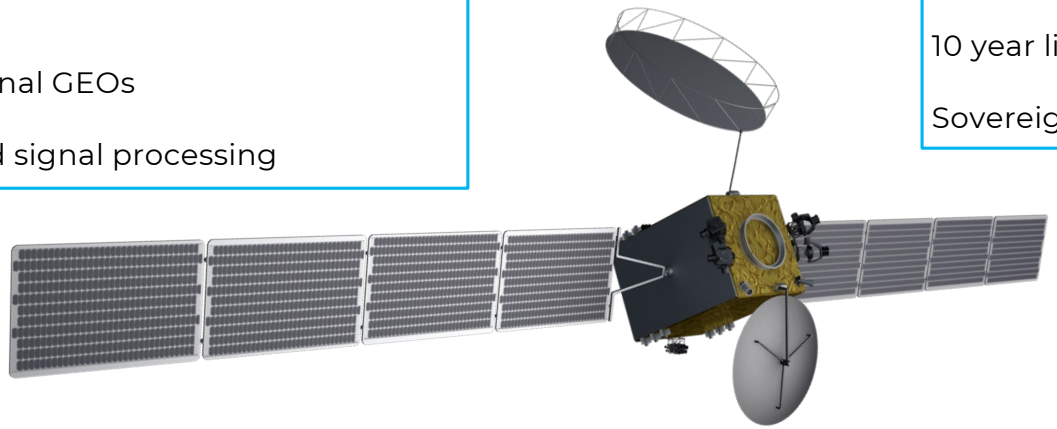
Flexible payload and advanced signal processing

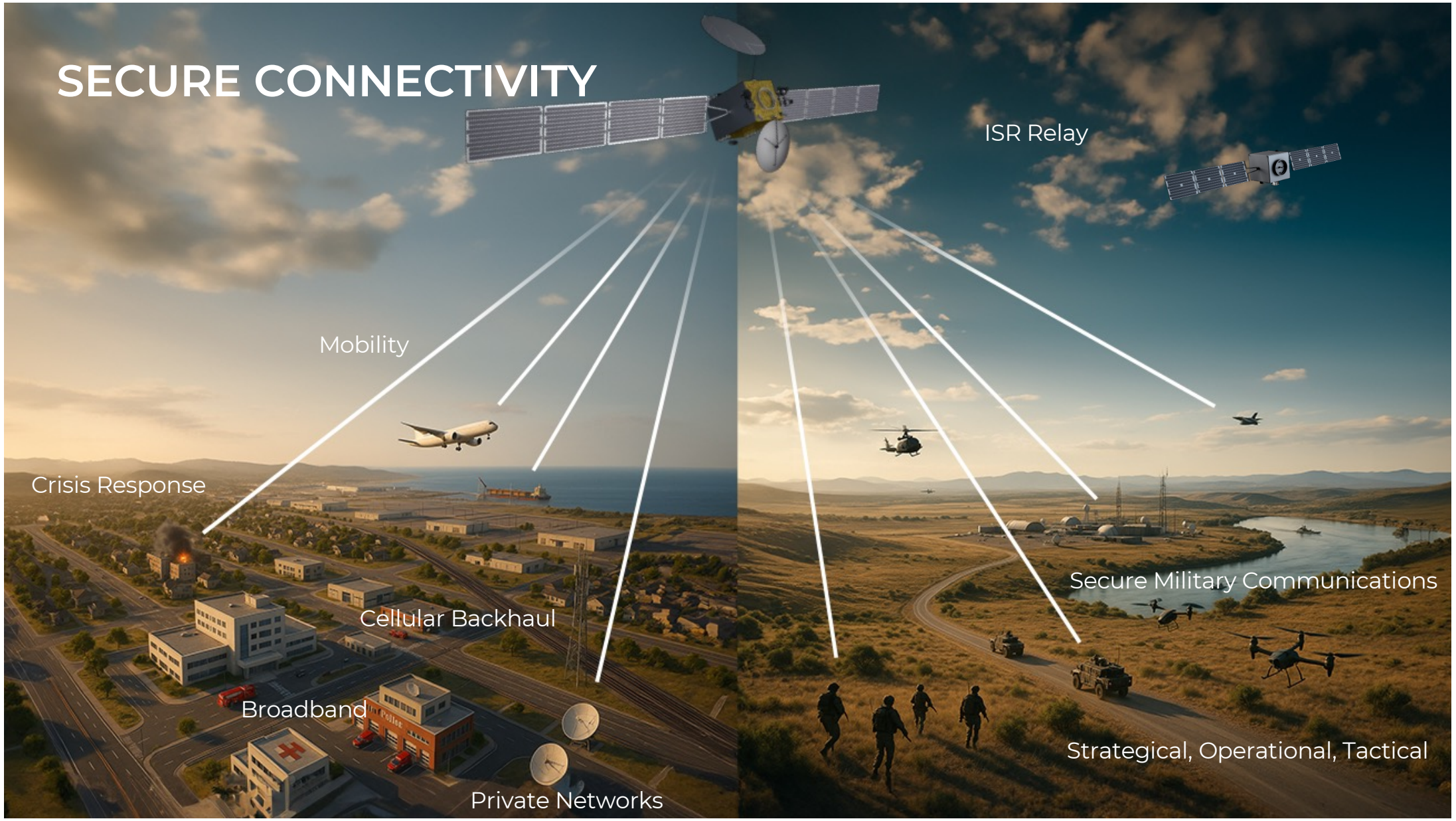
Lower risk investment - faster ROI

Modular service expansion

10 year lifetime for higher pace of innovation

Sovereignty and data control




SECURE CONNECTIVITY
ISR Relay
Mobility
Crisis Response
Cellular Backhaul
Broadband
Private Networks
Secure Military Communications
Strategical, Operational, Tactical

DEVELOPMENT ROADMAP

National space strategies acknowledging sovereignty for space systems
- Acquire portfolio of own capabilities
- Develop national ecosystems
- Nordic unity for security
- European competitiveness

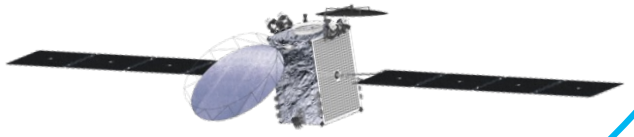
SiltaSat: towards fully software-defined system
- Higher throughput and flexibility
- Signal processing
- Power/mass ratio
- Antennas

Lowest cost – fastest delivery time

Stable supply chain

UKKO Tech Demo & LEO System

SiltaSim



SiltaSat

Main European Prime