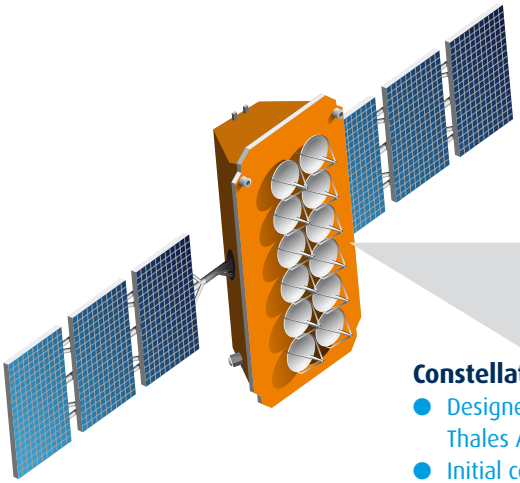
03b Networks
Technology overview

03b is building a next generation network that combines the reach of satellite with the speed of fiber.



Constellation
- Designed, integrated and tested by Thales Alenia Space
- Initial constellation of 8 satellites with complete constellation comprising 20
- Orbital spacing: 45°
- Orbital height: 8063km
- Orbital inclination: <0.1°
- Ground period: 360 min / number of contacts: 4 per day

Beams
- Ka-band
- Optimal coverage between 45° north/south latitudes
- 10 beams per region (7 regions) totaling 70 remote beams per 8 satellite constellation
- Up to 1.2 Gbps per beam (600 Mbps x 2)
- 84 Gbps available per 8 satellite constellation
- Beam coverage: 600km diameter
- Transponder bandwidth: 216 MHz; 2 x 216 MHz per beam

Gateways
- Global network of gateways
- Strategically located on the internet backbone
- Enabling flexible, reliable, and secure connectivity options

Terminal
03b is working with industry partners to develop a range of terminals that support a variety of customer applications. We use advanced technologies which:
- Optimize bandwidth efficiency
- Deploy easily
- Offer reliability
- Are easily maintained
- Are affordable

03b's ultra-low latency, fiber speed satellite network is a very attractive customer proposition that will open up a new and exciting world to billions of people who, up to now, have not experienced the benefits of broadband connectivity.

Our investors

SES · HSBC The world's local bank · LIBERTY GLOBAL · DBSA · SOFINA · SATYA CAPITAL · Google · NORTH BRIDGE venture partners · ALLEN & COMPANY

www.o3bnetworks.com

03b Networks
Global service areas