03b’s next-generation network combines the reach of satellite with the speed of fiber, providing customers with affordable, low latency, high bandwidth connectivity.

**Constellation**
- Designed, integrated and tested by Thales Alenia Space
- Initial constellation of 8 satellites
- Orbital height: 8062km
- Orbital inclination: <0.1°
- Ground period: 360 min / 4 contacts 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 1.6Gbps per beam (800 Mbps x 2)
- 84Gbps available per 8 satellite constellation
- Beam coverage: 700km diameter
- Transponder bandwidth: 216MHz; 2 x 216MHz per beam

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

**Terminal**
03b has worked 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
- Are reliable
- Are easily maintained
- Are affordable

03b’s ultra-low latency, fiber speed satellite network is a very attractive customer proposition that opens up a new and exciting world to billions of people who, up to now, have not experienced the benefits of broadband connectivity.
Customers can connect to fiber infrastructure through Regional Gateways.