

# FAST TRACK BROADBAND ACCESS VIA O3b SATELLITES

Connectivity has the power to elevate standards in:



Education



Business

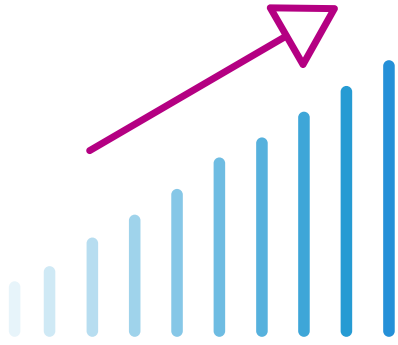


Healthcare



Security

therefore demand for more bandwidth is booming today



Internet demand to experience exponential growth



4.8 bn

4G subscribers by end of 2025 compared to 2.3 bn in 2017

GSM A The mobile economy 2018



x7

more mobile data traffic in 2022 than 2017, to hit 77.8 exabytes/month

Cisco VNI report 2018



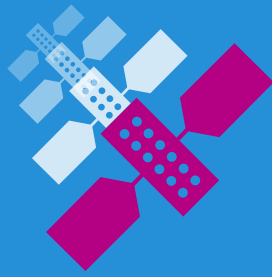
>25 bn

Internet-connected devices to be in use worldwide, by 2025

GSM A The mobile economy 2018

## CHALLENGES TO UBIQUITOUS CONNECTIVITY

- 1 Existing networks are becoming overloaded
- 2 Increasing adoption of cloud applications worldwide requires better networks performance
- 3 Connected societies increasingly demand highly reliable broadband, while underserved areas face the danger of being left further behind



SES Networks addresses the challenges with

## THE POWER OF O3b SATELLITES

O3b MEO (Medium Earth Orbit) satellites deliver fibre-like bandwidth anywhere on Earth by:

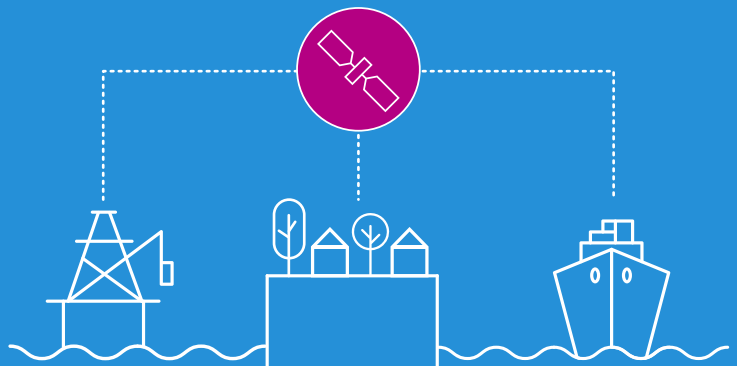


### Complementing fibre

- Optimises fibre networks
- Ensures network resilience and scalability

### Standing in for fibre

- Reaches anywhere on the globe
- Up to 2 Gbps of fibre-like throughput



## FEATURING



### PERFORMANCE

MEF CE 2.0 Certified SES Networks is the only satellite-based data services provider to be MEF certified



### EASY SCALABILITY

700 km (diameter) per beam footprint



### LOW LATENCY

< 150 ms latency for 2-way data