Welcome to a new world of greater connected possibilities with satellite-powered mobile backhaul.

People in rural areas, like many throughout the world, often live in areas hard to connect to the internet. Mobile network operators, although eager to meet connectivity needs, face significant challenges in building out mobile network infrastructure in such areas. Building out terrestrial backhaul is often the only means to connect to the internet. Mobile network operators, although eager to meet connectivity needs, face significant challenges in building out mobile network infrastructure in such areas. Building out terrestrial backhaul is often the only means to connect.

Today, around 600 million people live in areas without access to mobile broadband coverage, most of them in the developing world.

**600m**  
Unserved Communities Worldwide

**346m**  
People in Europe

**87%**  
Mobile broadband coverage

Source: GSMA

**170m**  
People in Europe without 4G coverage in 2019

Source: The World Bank Group

**>30m**  
People in Europe who are not online.

Source: The World Bank Group

**>800K**  
Germans without access to 4G.

Source: The World Bank Group

**10/2020**

**Why Terrestrial Backhaul Alone Isn’t Enough**

- Building out terrestrial backhaul is often the only means to connect to the internet.
- Building out terrestrial backhaul alone is often cost-prohibitive.

**Achieve More with Mobile Backhaul via Satellite**

- Why Terrestrial Backhaul Alone Isn’t Enough
- Achieve More with Mobile Backhaul via Satellite

**6 Reasons to Include Satellite Backhaul in Network Planning Strategies**

1. **Cost-efficient Backhaul**
   - Satellite backhaul is cost-effective compared to other backhaul solutions.
   - Lower upfront and ongoing costs.

2. **Worldwide Coverage**
   - Satellite networks provide global coverage, ideal for international connectivity.
   - Reach remote and hard-to-reach areas.

3. **Network Continuity**
   - Satellite backhaul offers an alternative to terrestrial backhaul, reducing single points of failure.
   - Provides a fail-safe solution for network resilience.

4. **Flexible Bandwidth**
   - Satellite networks allow for flexible bandwidth allocation to meet dynamic network demands.
   - Scalable solution for bandwidth-intensive services.

5. ** Fiber-like Community Connectivity**
   - Satellite can provide high-speed connectivity for rural and remote communities.
   - Enables seamless integration with fiber networks.

6. **Professional Services**
   - A full suite of professional services is available to help network operators plan, design, and deploy satellite networks.
   - Intelsat offers comprehensive support and expertise.

Source: GSMA

**6 Reasons to Include Satellite Backhaul in Network Planning Strategies**

- Cost-efficient Backhaul
- Worldwide Coverage
- Network Continuity
- Flexible Bandwidth
- Fiber-like Community Connectivity
- Professional Services

**Experience Reliable, Always-on Coverage With Intelsat**

Intelsat's satellite network provides reliable, always-on coverage for mobile network operators around the world. Our advanced technologies offer high-performance, cost-effective solutions to address the unique needs of every customer.

**Achieve More By Connecting More**

- Intelsat's satellite network provides reliable, always-on coverage for mobile network operators.
- High-performance, cost-effective solutions to address unique needs.

**Unserved Communities Worldwide**

- **600m**
  - Around 600 million people live in areas without access to mobile broadband coverage.

**The Benefits of Mobile Broadband in Europe**

- A large portion of Europe’s population lives in rural areas.
- Many of these areas lack access to mobile broadband.

**The Rest of the World?**

- Building out mobile broadband coverage is a challenge.
- Intelsat offers solutions for connectivity in rural and hard-to-reach areas.

**Are You Ready to Connect the Rest of the World?**

- Intelsat's satellite network provides reliable, always-on coverage for mobile network operators.
- High-performance, cost-effective solutions to address unique needs.

**Intelsat.com/ConnectMore**