

Enterprise mPOWERED

Deliver a new class of connectivity services for businesses

47%

of the population in the developing countries is connected, and just 19% in the least developed ones

10%

increase in broadband penetration could boost GDP by as much as 1.38%

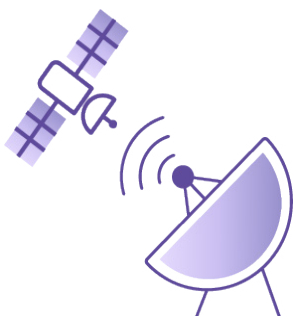


Industry Perspective

According to UNESCO, 87% of the population in the developed world is connected. However, this number drops to 47% in developing nations and 19% in the least developed countries. The lack of reliable low-latency and high-throughput broadband services can hamper economic progress. According to the ITU, a 10% increase in broadband penetration

could result in a gross domestic product (GDP) growth of 1.38% in developing nations and 1.25% in developed nations.

Enterprise mPOWERED helps you bring high-performance connectivity services to your customers, so they can transform business outcomes and the productivity of their end-users in even the most remote locations.



Service Description

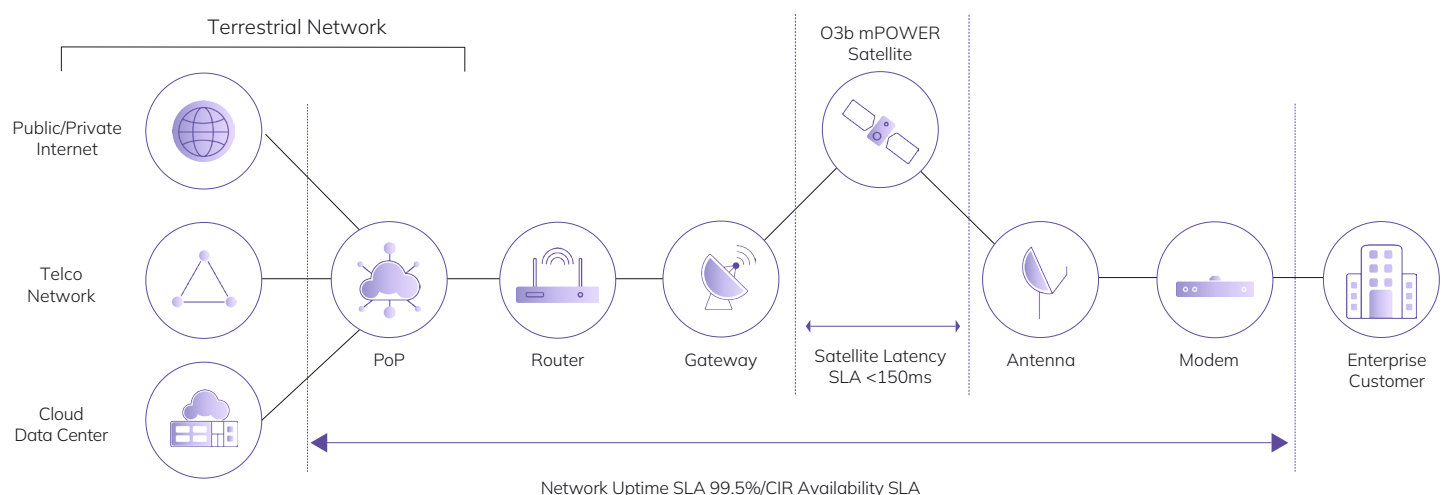
Enterprise mPOWERED delivers unrivaled satellite throughput, providing up to 1,500Mbps at a single site with low-latency Ethernet Private Line to enterprises, telecom operators, and other service providers.

Enabled by O3b mPOWER—our next-generation medium-Earth orbit (MEO) communications system—Enterprise mPOWERED offers best-in-class performance with return links no other satellite service can match: up to 500Mbps of bandwidth capable of guaranteeing continuous high performance and latency as low as 150ms for any data, video, voice, or critical business application traffic. Enterprise mPOWERED also affords you the flexibility to quickly increase throughput when required and to land your traffic

at your preferred location, including your own gateway or O3b mPOWER gateways located throughout our global backbone or co-located in top-tier cloud data centers. Enterprise mPOWERED is a reliable and highly secure satellite domain AES-256 encryption service that enables real-time communication for your customers wherever they are.

Enterprise mPOWERED protects your investment, with a ground terminal system capable of meeting your bandwidth requirements today and tomorrow, and guaranteeing compatibility with other O3b mPOWER services that can scale to multiple gigabits. Enterprise mPOWERED levels the field for enterprises that are poorly connected or located in remote regions where no connectivity is available.

Deliver unmatched satellite-enabled broadband performance wherever you need it.





Technical Specifications

Enterprise mPOWERED is a high-throughput, low-latency, point-to-point Layer 2 Ethernet or Layer 3 IP transport service, with additional value-added features that help you build the connectivity your customers need.

	Pro	Premium																		
Constellation	O3b mPOWER	O3b mPOWER																		
Capacity packages	Minimum Service Data Rate (SDR) per site of 30Mbps (FWD+RTN): <table> <tr> <th></th><th>Min.</th><th>Max.</th></tr> <tr> <td>FWD</td><td>15</td><td>300</td></tr> <tr> <td>RTN</td><td>15</td><td>300</td></tr> </table>		Min.	Max.	FWD	15	300	RTN	15	300	Minimum Service Data Rate (SDR) per site of 30Mbps (FWD+RTN): <table> <tr> <th></th><th>Min.</th><th>Max.</th></tr> <tr> <td>FWD</td><td>15</td><td>1000</td></tr> <tr> <td>RTN</td><td>15</td><td>500</td></tr> </table>		Min.	Max.	FWD	15	1000	RTN	15	500
	Min.	Max.																		
FWD	15	300																		
RTN	15	300																		
	Min.	Max.																		
FWD	15	1000																		
RTN	15	500																		
Link agility	Ability to choose symmetrical or asymmetrical link ratios configuration twice a year	Ability to choose symmetrical or asymmetrical link ratio configuration once a month																		
Volume	Unlimited	Unlimited																		
Portability	Premium only: port links and capacity across the customer's network within a certain region. The Standard option allows one change per year, subject to availability. The Advanced option allows one guaranteed change per year.																			
Flex handoff	Customers can select any point-of-presence (PoP) location for traffic handoff, even those not in SES's network or direct to major cloud providers.																			
Network uptime SLA	≥ 99.5%																			
CIR Availability SLA	≥ 95%; Option to choose ≥98.5%	≥ 98.5%																		
Satellite latency SLA	< 150ms																			
Customer portal	Portal view: Usage (Mbps), uptime, and latency	Portal view: Usage (Mbps), uptime, and latency																		
Antenna size	2 x 1.3m 20W 2 x 2.4m 40W	2 x 1.3m 20W 2 x 2.4m 40W																		

A variety of value-added services and features can be added to Enterprise mPOWERED:

Dedicated Cloud Connectivity

SES Cloud Direct provides private, dedicated connectivity to major cloud service providers from any customer endpoint.

Customer-defined Point of Presence (PoP)

Ability to select any PoP location for traffic handoff, even those not in SES's network.

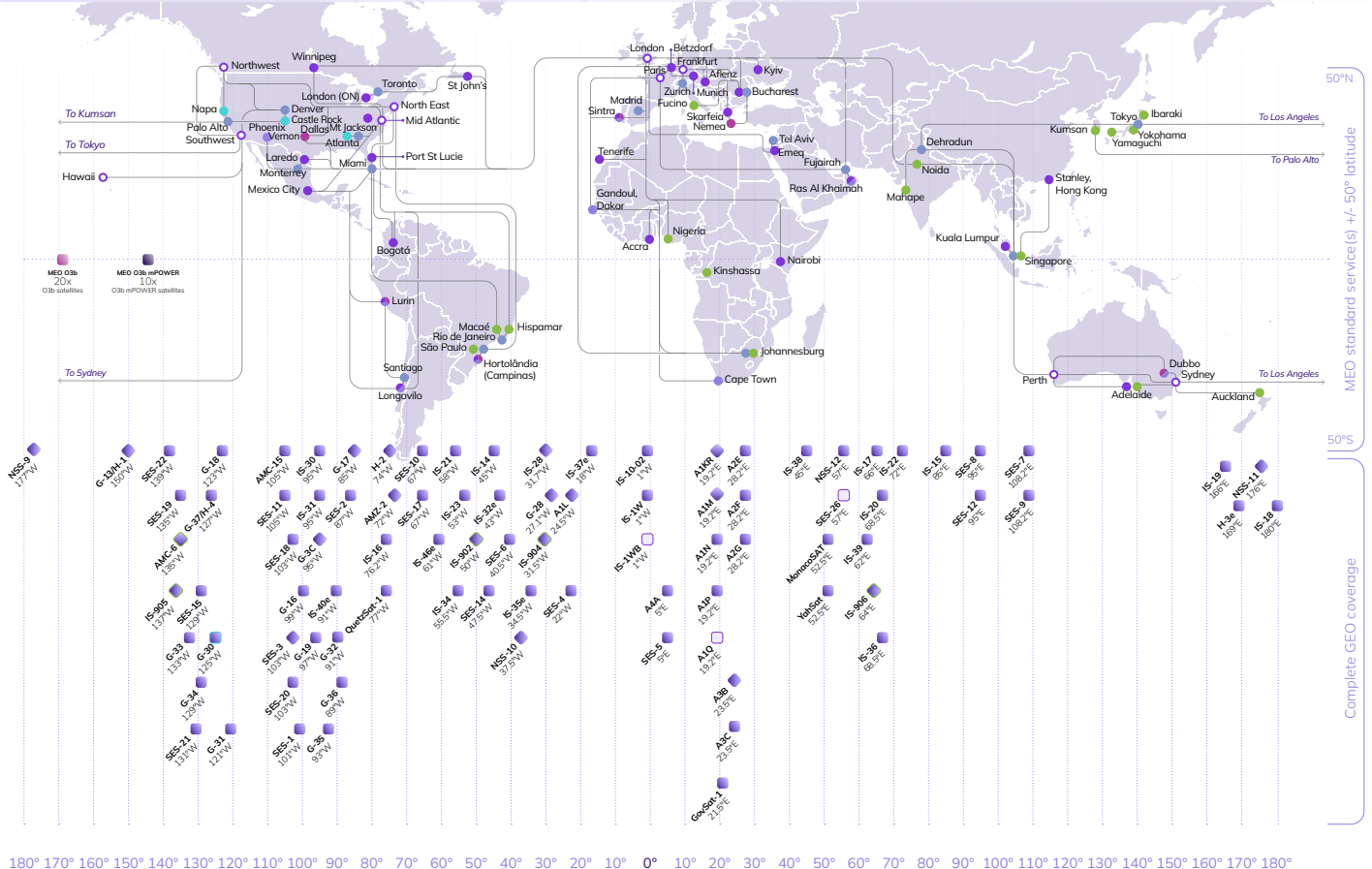
Satellite Fleet & Ground Network

Satellite Fleet

- GEO In Orbit
- GEO In Orbit, SK and IX Series
- GEO In Orbit, Inclined
- GEO In Orbit, IOD
- GEO Future Satellite
- MEO O3b
- GEO Not in Use
- MEO O3b mPOWER

Ground Network

- GEO Gateway
- MEO Gateway
- O3b mPOWER Gateway
- GEO/MEO Gateway
- GEO/O3b mPOWER Gateway
- MEO/O3b mPOWER Gateway
- GEO/MEO/O3b mPOWER Gateway
- Cluster Group
- Intelsat Teleport
- Intelsat Third Party Teleport
- PoP Point of Presence



Reimagine connectivity for businesses everywhere with Enterprise mPOWERED



Learn more about our purpose-built satellite and connectivity solutions at ses.com

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Enterprise mPOWERED delivers unrivaled satellite-based performance. With consistent high-throughput and low latency, it grants a fiber-like service experience anywhere your customers

operate. Future-proofed, Enterprise mPOWERED will guarantee your customers' business continuity for the foreseeable future, with reliable high performance.

