DATA SHEET

Enterprise mPOWERED

DELIVER A NEW CLASS OF CONNECTIVITY SERVICES FOR BUSINESSES

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—even in the most remote locations.
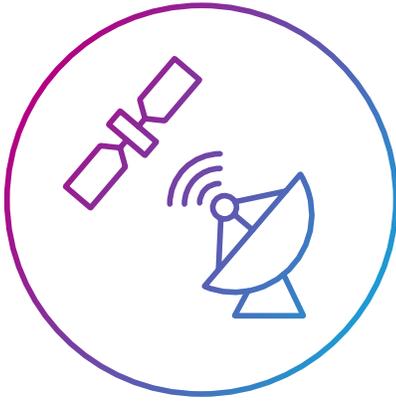
SES | O3b mPOWER

SERVICE DESCRIPTION

Enterprise mPOWERED provides a low-latency Ethernet Private Line to enterprises, telecom operators, and other service providers on a wholesale basis. Enabled by O3b mPOWER—our next-generation Medium Earth Orbit (MEO) communications system—Enterprise mPOWERED offers scalable bandwidth, from low bandwidth rates up to 250Mbps on both forward and return paths. It also affords you the flexibility 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 centres.

A reliable and highly secure satellite domain AES-256 encryption service, Enterprise mPOWERED enables real-time communication for your customers—wherever they are.

With Enterprise mPOWERED, we deliver a transparent service experience with unrivalled support at every step—from ensuring expert network deployment to maintaining optimal, predictable performance throughout the service lifecycle.

Delivering unmatched satellite-enabled broadband performance—wherever you need it

Terrestrial Network

Public/Private Internet

Telco Network

Cloud Data Centre

Point of Presence

Gateway Hub

O3b mPOWER

Round-trip Satellite Latency <150ms

Remote User Terminal

Remote User Network

Committed Information Rate (CIR)
Network Uptime up to 99.5%

<Based on Monthly Averages>
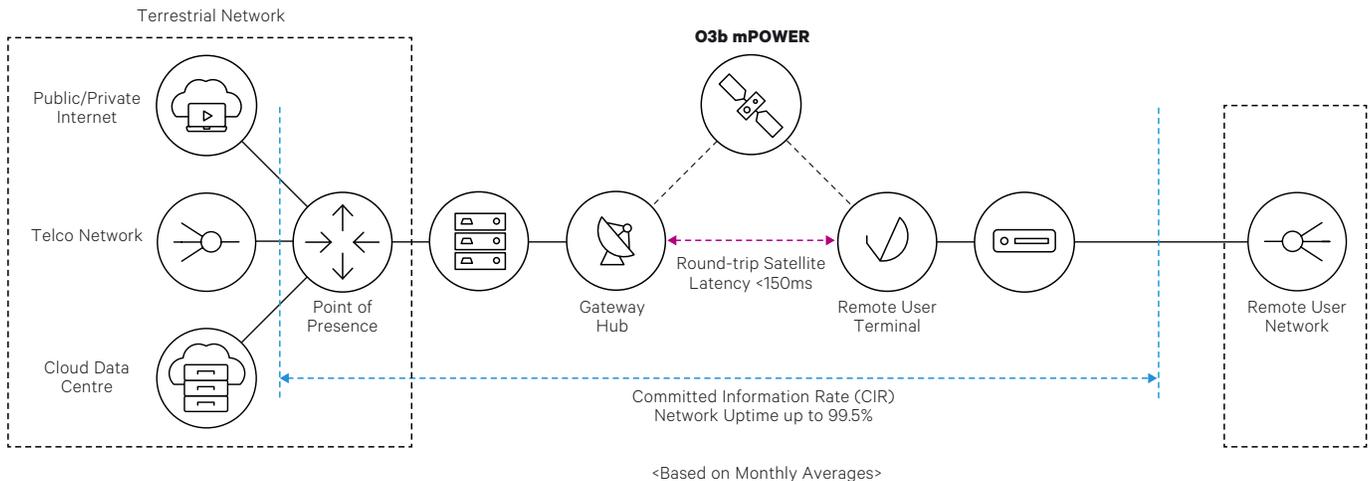
TECHNICAL SPECIFICATIONS

Enterprise mPOWERED is a low-latency, point-to-point Layer 2 Ethernet service available in a single package, with additional value-added features that help you build the connectivity your customers need.

		Min.	Max.
Connectivity transport service	Layer 2 Ethernet P2P E-Line or IP transit		
Capacity packages[1]	50Mbps minimum per site (FWD+RTN):		
	FWD	25	250
	RTN	25	250
Network uptime SLA	≥ 99.5%		
Round-trip satellite latency SLA	< 150ms		
Customer interface (remote)	1GigE		
Customer portal	Portal view: Usage (Mbps), uptime, and latency		
Terminal modem	4 x 10/100/1000 BaseT		
Antenna size	2 x 2.4m 40W Viasat, 2 x 1.3m 20W Intellian mP130		

[1] Should not be lesser than the initially contracted CIR
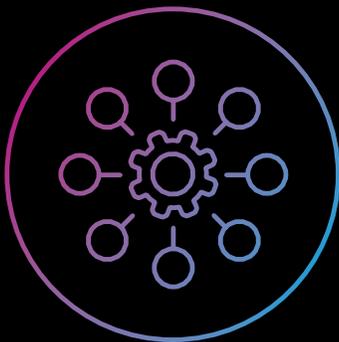
A variety of value-added services and features can be added to Enterprise mPOWERED:

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.

Link Agility

Ability to modify the overall link size or assigned bandwidth between forward and return paths, twice a year.

GLOBAL COVERAGE MAP

GEO Coverage

O3b MEO & O3b mPOWER Range +/- 50˚

Phoenix
SE USA
Hawaii
Portugal
Greece
UAE
Senegal
Peru
Brazil
W. Australia
E. Australia
Chile

● O3b MEO Gateway
● O3b mPOWER Gateway

GEO Coverage
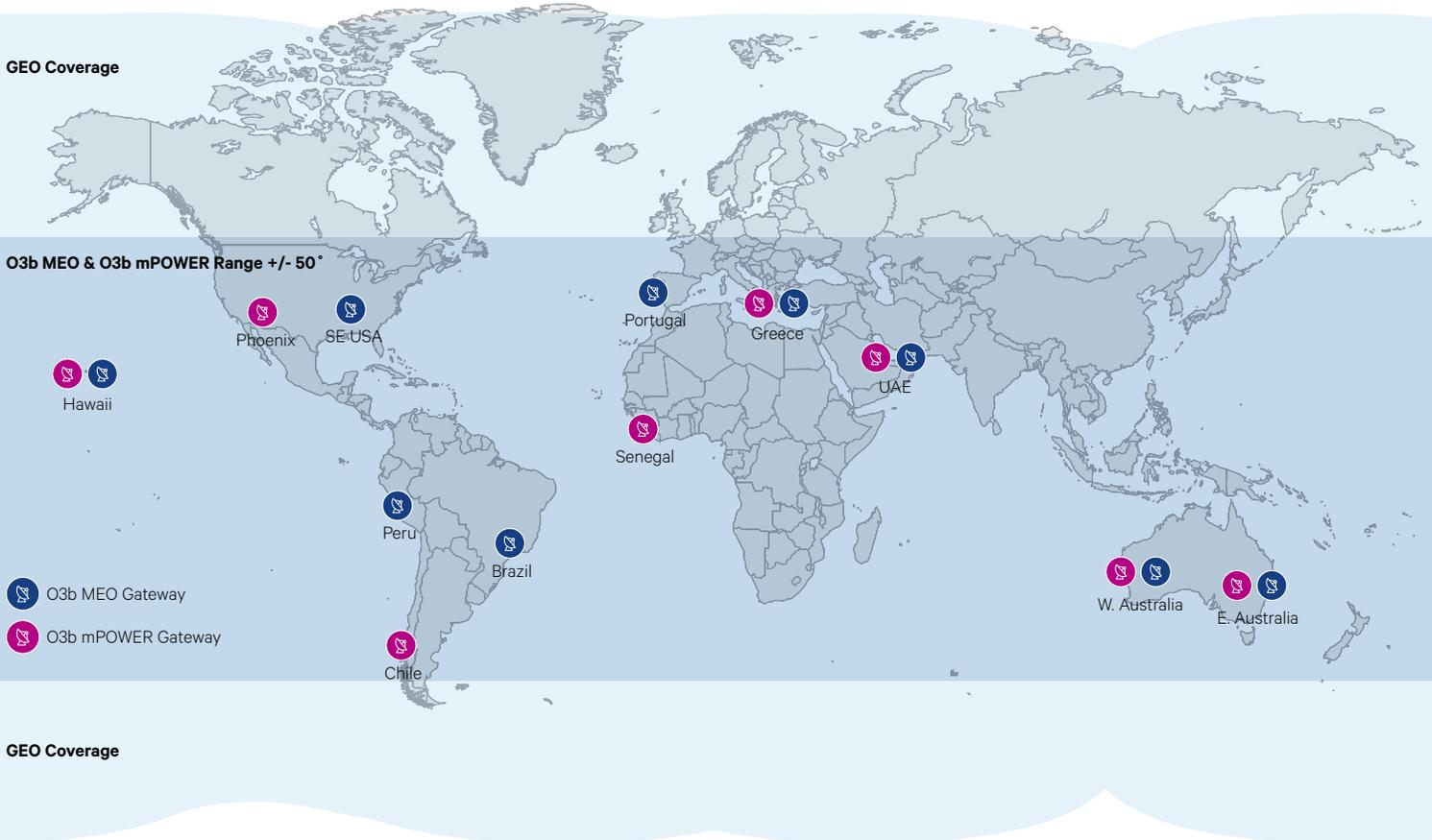
REIMAGINE CONNECTIVITY FOR BUSINESSES EVERYWHERE WITH ENTERPRISE mPOWERED

Enterprise mPOWERED delivers fibre-like high-thoughput and performance, and an unmatched satellite broadband service experience—anywhere your customers operate. With guaranteed bandwidth, you can support even the most critical applications with predictable, reliable performance, offering a future-proof network service that can boost your customers' growth—today and in the future.

Learn more about how Enterprise mPOWERED delivers the broadband reliability, scalability, and cloud optimisation your customers need to revolutionise their performance.

For more information, please reach out to us at getconnected@ses.com

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