SES Solutions for ITSO Parties on a Changing Connectivity Landscape

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Public

The New SES

Solve. Empower. Soar.

We are a space solutions company that empowers business and government with integrated, purpose-built satellite and connectivity solutions.

Our **PURPOSE**

Space to make a difference

Our **VISION**

To transform space into a platform for innovation to create new possibilities

Our **MISSION**

We are building a secure collaborative space ecosystem that drives lasting human impact



>60 govt organizations



>10.9K TV channels



30 commercial airlines



8 of top 10 MNOS

Our Fleet Today

GEO remains foundational, MEO adds performance

99%
coverage of the world's populated region

~150
teleports

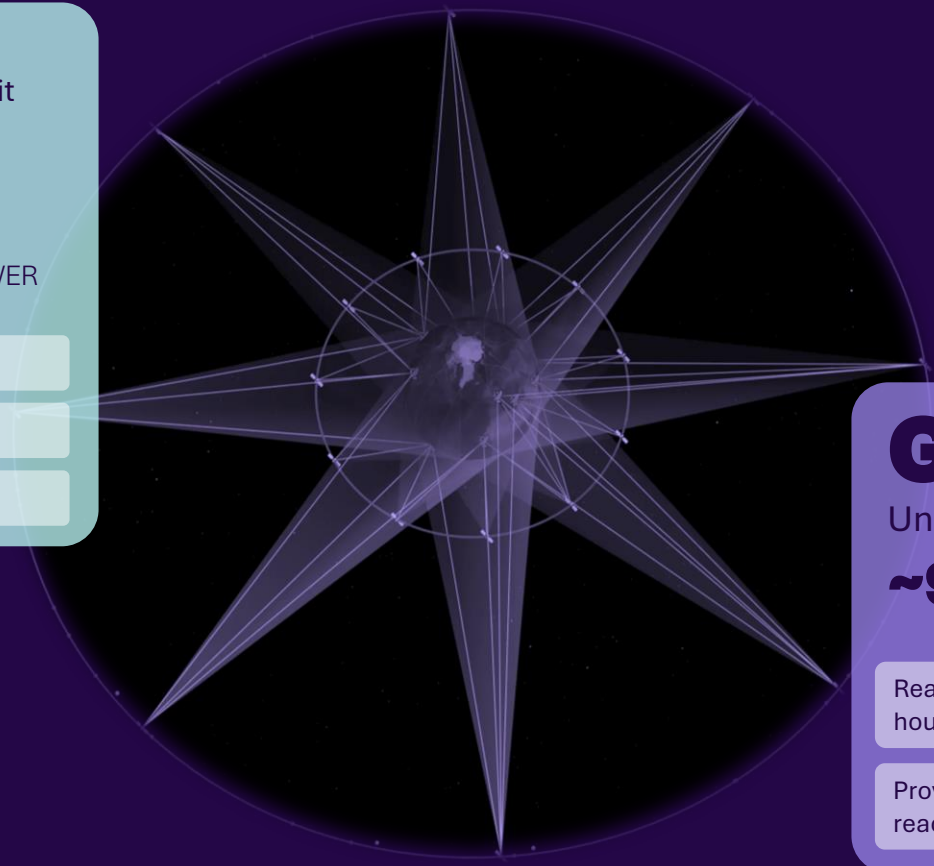
~50
Points of Presence (PoPs)

MEO Medium Earth Orbit

Fiber-equivalent data connectivity

~30 MEO HTS (O3b & O3b mPOWER

- **High** throughput
- **Low** latency
- **Unique** flexibility



GEO Geostationary Earth Orbit

Unparalleled reach

~90 GEO

- Reaching **millions** of TV households **worldwide**
- Providing comprehensive reach to deliver **data connectivity**

Leading Global Space Solutions Company

Media



Deliver over **10,900** channels to nearly **2.3 billion** viewers worldwide

Fixed data & Land Mobility



Serve 8 of the world's top 10 mobile network operators

Aviation



Provide inflight internet to **30** commercial airline partners

Maritime



Serve **5 of the 6 major cruise lines** & **leading provider of GEO satellite bandwidth** for maritime passengers and crew

Government



Support over **60** government organizations including the **US government**

Continued Global Connectivity

Bridging digital divides for underserved communities



Orange

Mali

Partnered with Orange Mali to bridge Mali’s digital divide by deploying West Africa’s first satellite-powered 4G network to over 60 remote sites, bringing internet access to 360,000 people



MINTA

Marshall Islands

Partnered with Marshall Islands National Telecommunications Authority (MINTA) to deliver voice and data services to the nation’s most remote islands using small-cell satellite technology, opening economic opportunities

Leading Global Space Solutions Company

Connectivity on the move



Air Canada

Canada

Partnered with Air Canada to deliver premium free Wi-Fi, equipping RJs with advanced ESA antennas and redesigning the onboard portal for seamless loyalty member activation



Resorts World Cruise

Asia-Pacific

Partnered with Resorts World Cruise, the first Asian cruise line to adopt SES's integrated MEO-LEO connectivity service for high-speed reliable internet to support guest services and operational needs

Leading Global Space Solutions Company

Lifeline connectivity and national resilience



NSPA/NATO

United States, Luxembourg, The Netherlands

Providing MEO Global Services (MGS) to NATO Support and Procurement Agency for NATO members to build sovereign networks, or utilise fully-managed low-latency, high-performance satellite communications service



Cochise County, Arizona Sheriff's Dept.

United States

Bridging connectivity gaps along remote US borders through deployment of the Multi-Layer Communications System for reliable, real-time communication and data sharing

Multi-Orbit

Strategic Frame for Modern Connectivity



90 in
geostationary orbit

GEO

Unparalleled reach

Highest stability, reliability and security



30 in
medium-Earth orbit

MEO

Low latency

High predictability, stability and security



100s in
low-Earth orbit

LEO

Lowest latency

High speeds

Lower terminal costs



Multi-orbit

Seamless blending and orchestration between orbits based on application

Multi-Orbit in Operation Today







Multi-Orbit Tomorrow



Single electronically steerable antenna

Multi-orbit and multi-band

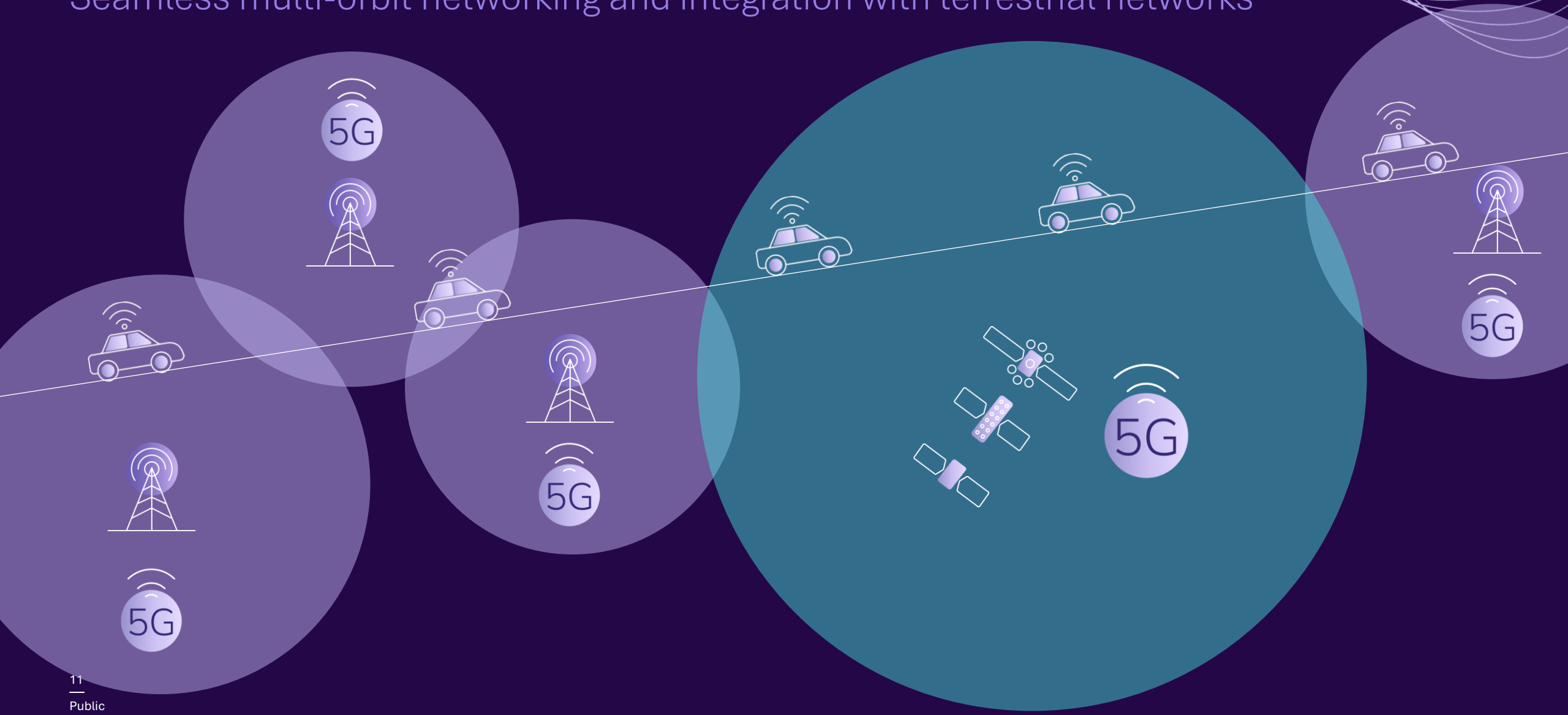
Simultaneous connection to multiple networks

Integrated software-defined modems

1+ Gbps throughput

5G NTN Ubiquitous Networking

Seamless multi-orbit networking and integration with terrestrial networks



Public

Strategic foray into Direct-to-Device (D2D) market

Strategic Partnership with Elveo Mobile



Elveo is launching a D2D constellation based on a cost-efficient, scalable and technically advanced architecture



SES is Elveo's largest strategic investor and partner providing:

- Ground station, TTC&M and backhaul solutions
- Spectrum support
- Channel to MNO, Government, and IoT/Automotive markets



Public

Defining a Multi-Orbit Standards-Based Future

meoSphere is part of an ongoing revamp of SES's connectivity solutions



Thank you