



World's First LEO GEO Satellite Operator

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The network

Satellites
36 +4 in Sept '23
 Geostationary

630
 Low Earth Orbit

Spectrum
 Diversified resources in
C, Ku- and Ka-bands

>3.5Ghz of globally harmonized premium spectrum rights for
Ku- and Ka-band

Operations centres

6 
 Teleports in Rambouillet (France), Turin and Cagliari (Italy), Madeira (Portugal) and Iztapalapa and Hermosillo Sonora (Mexico)

2 
 Network and Satellite Operations Centres in London (England) and Virginia (USA)



Together, growing to win

One team

Staff
1100+ based all over the world (mainly in France, Italy and Mexico)
700+ based all over the world

Nationalities
c.47 **c.50**

Gender
 Female **34%** Female **22%**
 Male **66%** Male **78%**

Offices
921 **96**
 Amman, Beijing, Cologne, Dubai, Istanbul, Johannesburg, London, Madeira, Madrid, Mexico, Miami, Moscow, Panama, Paris (HQ), Rio de Janeiro, Rome, Singapore, Tampa, Turin, Warsaw and Washington D.C.
 Alaska, London, Florida, Virginia, Toulouse and Sydney Australia

 **EUTELSAT**
 AMERICA CORP
 team based Washington D.C.

 **OneWeb**
 Technologies
 team based in Texas

Network capabilities

Space Core Value

Responsible & sustainable

Responsible & sustainable

Innovation

Eutelsat Konnect VHTS
 Pioneering VHTS technology to deliver high-speed broadband

GEN 1
 Innovative satellite design with >7Gbps per satellite and revolutionary beam technology

Roadmap

Eutelsat Quantum
 Spearheading a new generation of software driven satellites

GEN 2
 Satellite constellation in design and expected to enable faster speeds and denser coverage for less cost

Route to market

B2B
 Business to business

B2B
 Business to business

Key products

Video Eutelsat satellites deliver more than 7000 TV channels to over 274 million homes with over 2,000 HD channels and 22 Ultra HD channels

GEO Connectivity

LEO Connectivity

Key markets

Enterprise, Government, Maritime, Aviation, Telecoms (Cellular backhaul)

Enterprise (Cellular backhaul and community broadband)
Government, Mobility
 Aviation, Maritime and Land)





Customer focus

Markets

- + Telco
- + Enterprise
- + Maritime
- + Aviation
- + Government



TYPICAL USE CASES WE SOLVE FOR

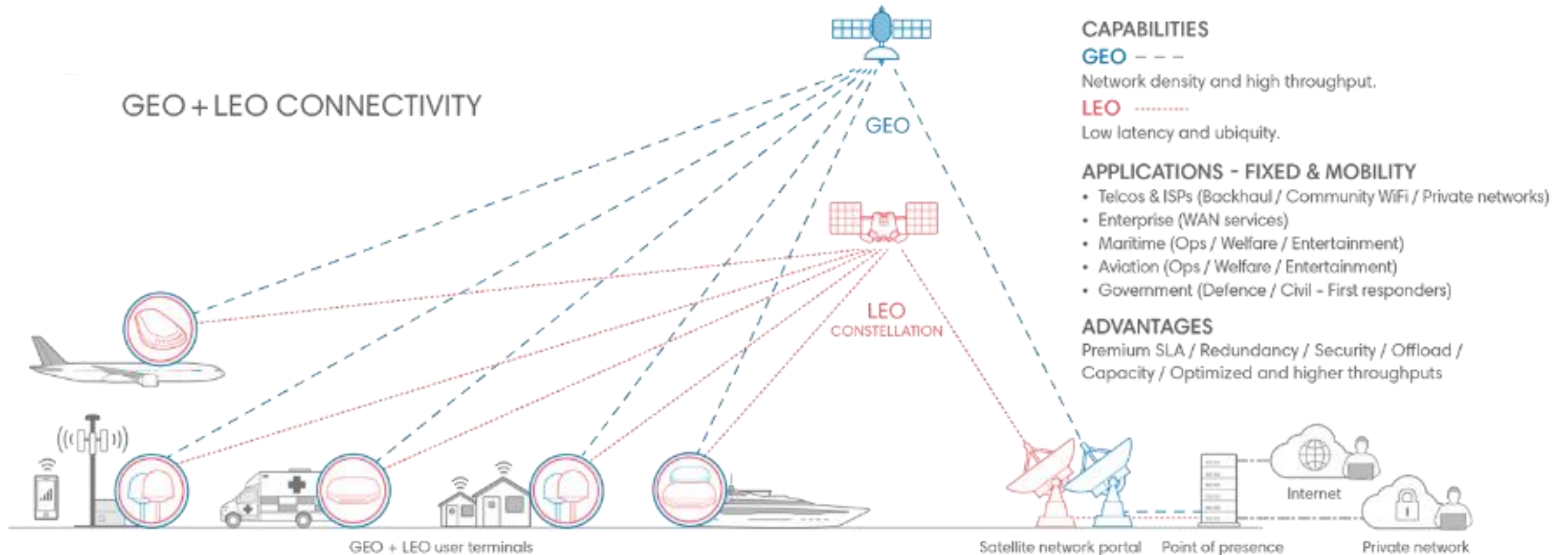
Mobile network backhaul	Rural and ultra area backhaul	Private networks and trunks	Government & USO projects
			

BENEFITS OF GEO LEO NETWORKS

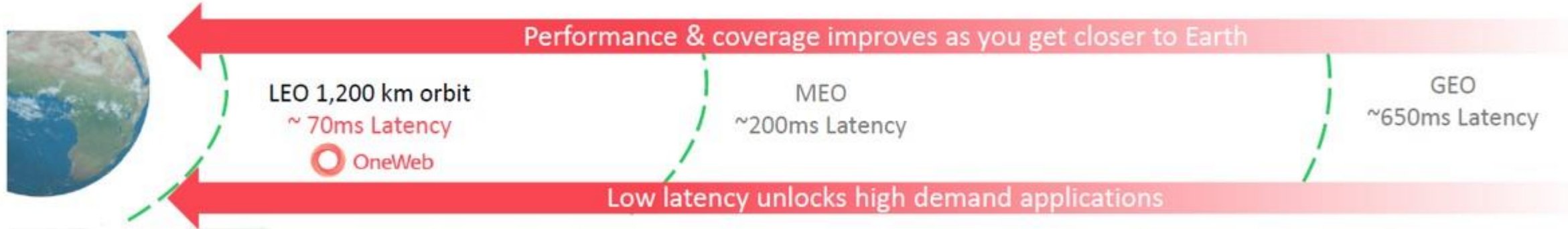
	GEO	+	LEO
Geographical advantage	Capacity density: ability to focus capacity over-high demand regions		Full global coverage: rapid scale up
Resilience and Capacity	Low-cost sellable capacity: higher fill-rates than NGS systems, longer lifetime		Low latency: critical for real time applications and enhanced quality of experience for many others
Trusted partners	Large installed base: well established relationships		Enabling partners to access to untapped market pockets

We've combined the best of both worlds, to deliver significant benefits to our customers

COMBINING GEO+LEO FOR GUARANTEED PERFORMANCE



OneWeb - ECOSYSTEM AT A GLANCE



Constellation

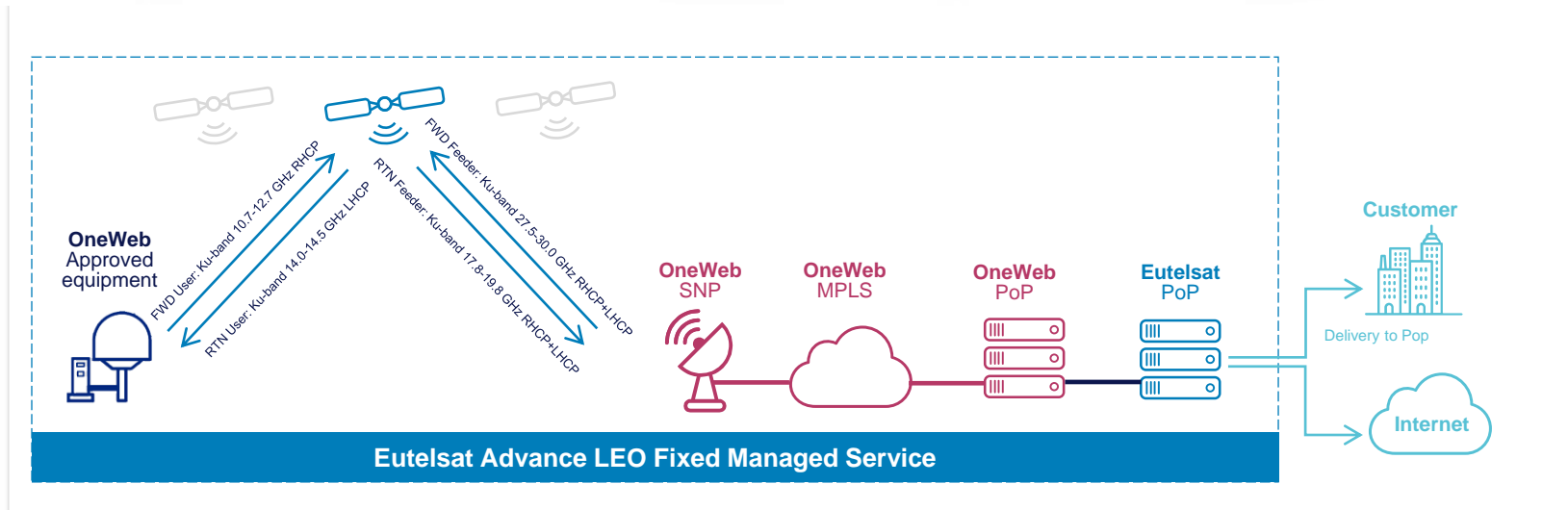
- ▶ 648 Low Earth Orbit (LEO) Satellites at 1200 Km
- ▶ Premium Spectrum Ku- and Ka-band Rights – > 3.5 GHz of Globally Harmonized Spectrum

Access Equipment (UT – User Terminal)

- ▶ Download peak speeds up to 195 Mbps
- ▶ Zero-touch configuration
- ▶ Better look angles for easy global installation

Connectivity

- ▶ Low global latency ~100 ms Round Trip Time (RTT) to customer hand-off point
- ▶ Industry standard interfaces to customer equipment for simplicity of integration
- ▶ Multi-service QoS to support demanding Carrier and Enterprise network applications



CONSTELLATION DESIGN

- The OneWeb constellation comprises of **648 individual satellites**
- **Satellites** equally divided among **12 planes** operate at an altitude of about 1.200km above the Earth's surface
- **5 spare satellites** per plane, flying between active satellites with their payloads powered off, ensures robust constellation-level reliability
- Each plane is separated in altitude by **4km** to prevent inter-plane collision

- **Highest Plane** operates at 1.219km
- **Lowest Plane** operates at 1.175km

NETWORK DELIVERY AND COVERAGE MAP – JUNE 2024

Coverage

Global excluding Russia and China

Satellites

588

SNPs:

Norway, Italy, Portugal, USA FL, USA CT, USA CA, USA AK, Greenland, Chile, South Africa, Australia West, Australia East, Japan North, Japan South, Bulgaria, Brazil South, India North, India South, Mexico, Saudi Arabia, USA Hawaii, Australia North, Ghana, Costa Rica, USA Guam, Mauritius, Thailand, Colombia, Brazil North, Chile North, Indonesia, Fiji, Senegal, Tahiti, Kazakhstan, Angola, Martinique, Djibouti, Nauru, St Helena, Seychelles, United Kingdom

PoPs:













USA WA, USA CA, USA FL, USA VA, UK, Italy, Canada East, Canada West, Chile, South Africa, Australia West, Australia East, Japan, Brazil South, India North, India South, Mexico, Saudi Arabia, USA Hawaii, The Netherlands, Turkey, Brazil North, Ghana, UAE, Singapore, Indonesia, Kazakhstan, Nigeria, Kenya



For representation purposes only

OneWeb Network Coverage Map ©2022 OneWeb. Source: Coverage Data: OneWeb Modelling Team, CTO | SNP/PoP Data: OneWeb PMO, D&O

USER TERMINAL ROADMAP

Available:		Now	H2 2023	2024	
Land	Parabolic Fixed	 <p>OW70L-Dac OW50SL</p>	 <p>OW130L-Dac</p>		
	Flat Panel Fixed & COTP	 <p>Kymeta u8 Hawk</p>	 <p>FoldSat LEO Ku OW Mil Hughes HL1120W</p>	 <p>Intellian OW11FL Hughes HL1110</p>	 <p>Intellian OW10HL</p>
	COTM		 <p>Kymeta u8 Hawk (COTM)</p>	 <p>Kymeta u8 Osprey</p>	 <p>GetSat (COTM) Sling Blade</p>
Sea	Parabolic Flat Panel	 <p>OW70M-Rac OW50M-Rac</p>	 <p>Kymeta u8 Peregrine</p>	 <p>Intellian OW11FM* Intellian OW9HM*</p>	



OUR VALUE PROPOSITION

> Low latency & Fiber like Connectivity Anywhere

Eutelsat | OneWeb low-latency connectivity solutions are **ideal for real-time applications** such as **asset tracking** and **predictive maintenance**.

> High bandwidth with CIR

OneWeb's high-bandwidth satellite connectivity is **ideal for demanding applications** such as video streaming and data transfer.

> CyberSecurity

Eutelsat | OneWeb network is designed to be highly secure, with features such as **end-to-end encryption**.

> Reliability

Eutelsat | OneWeb **99.5% SLA** is backed by a highly reliable network with features such as redundancy and disaster recovery.

> 24/7 support

Eutelsat | OneWeb has a team of experts who are **available 24/7** to support customers.



Thank you

For further information, feel free to contact :

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