

SatComRus 2019

«Спутниковая связь для цифровой экономики»

Future of Satellite Networks

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Leading the World in Satellite Broadband

More than 1.3 Million subscribers in the Americas, more than 65% market share

HughesNet®

North America:

- **First ISP** to offer broadband **25/3 plans coast to coast under \$50/month**
- All plans featured **unlimited data**
- UHD Jupiter 3 Satellite: **Service plans will exceed 100 Mbps**
- **Launch in 2021**

Latin America:

- **Brazil; Colombia; Peru; Chile; Ecuador**



Markets Addressed Beyond Consumer

<h2>Digital Divide</h2>		<ul style="list-style-type: none"> Rural broadband Education 					
<h2>Enterprise</h2>		<ul style="list-style-type: none"> Distributed branch Oil and Gas, etc 					
<h2>Cellular Backhaul</h2>		<ul style="list-style-type: none"> Small cell economics 3G and 4G growth 					
<h2>On The Move</h2>		<ul style="list-style-type: none"> Online anywhere Aero/Maritime 					
<h2>Government</h2>		<ul style="list-style-type: none"> National networks ISR Border protection 					

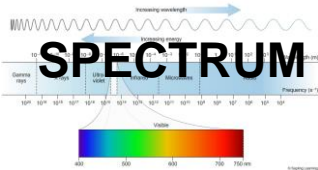
New Markets & Challenges



- Satellite to extend the reach of 5G
- VSAT for backhaul and backup



- Connection to individual devices using L/S-band terminals
- VSATs as collectors/aggregators



- Satellite access to spectrum is essential
- Industry must work together
- Coexist with terrestrial

Hughes View Of The Networking World

GEO

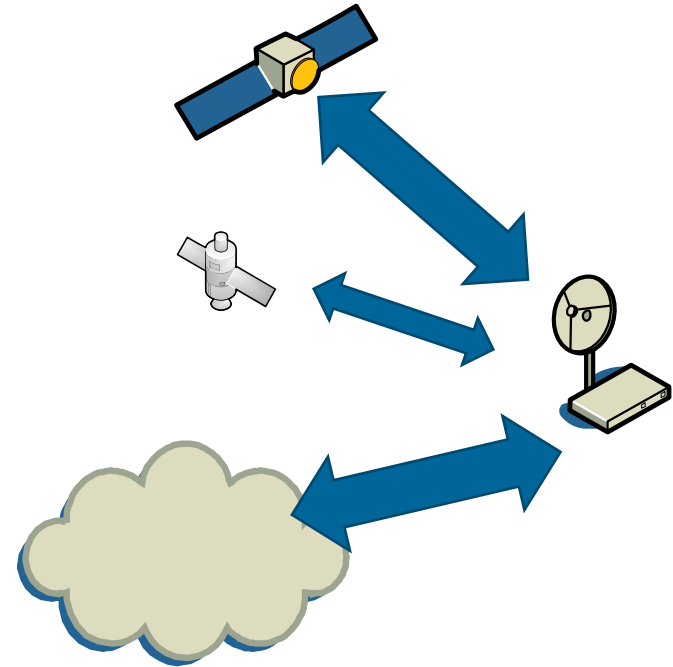
Capacity Density

NGSO

Coverage and
Low Latency

Terrestrial

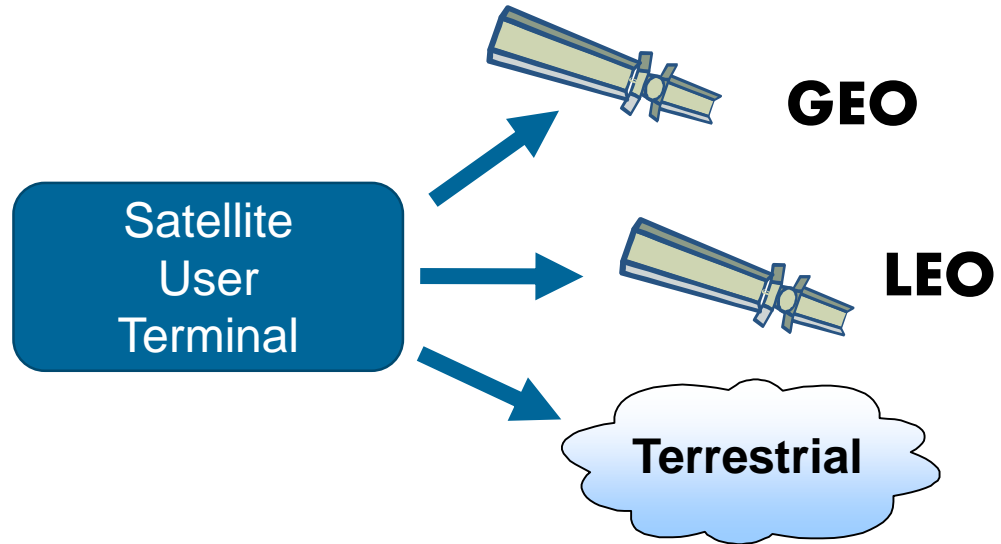
Satellite Compliments
Terrestrial



Future Hybrid LEO/GEO Innovation

*Policy-based
routing to select
the best path*

Better QoE



Partnerships Are a Cornerstone of Our Strategy

Beyond Americas we will use multiple partnerships globally to develop services

