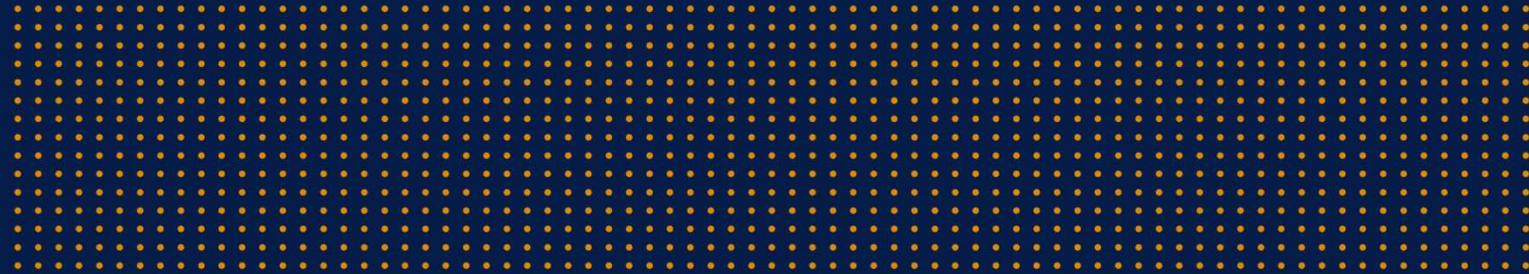


# Intelsat's NextGen Network Hyperconverged NTN for Global Broadband Connectivity

Hadeel Fayad

April 2024



# A Reputation That's Relied Upon

Well positioned as the world's most trusted satellite telecom network



We're the largest satellite capacity provider to the U.S. government



We provide inflight internet to 21 commercial Airline Partners and nearly 3,000 Aircraft



We are the leading provider of satellite bandwidth to the maritime industry



We deliver TV and radio content to more than two billion people worldwide



We serve the majority of the world's top 10 Mobile Network Operators



## Laying the Foundation for a Hyperconnected World



**99%**

Coverage of world's populated regions



**65+**

Teleports & POPs



**Global**

Managed services footprint



**20**

Global offices



**55+**

Satellites



**\$500M**

Strategic partnership

Largest global integrator of satellite and terrestrial communications network

# How do we deliver more benefits for more customers?

Reliability



Flexibility



Reach



Simplicity



- 2.7B without connectivity
- Demand is growing
- More use cases



**Intelsat's Next Generation Network**

The background is a dark blue gradient with various white icons related to satellite communication and 5G technology. These include satellite icons in different orbits, a globe, a car, a building, a radio tower, and a ship. Text elements like 'Internet', '5G', and 'Virtualized' are also visible in the background.

**Ku-band as part  
of 3GPP rel. 19**

Sounds  
interesting,  
right?

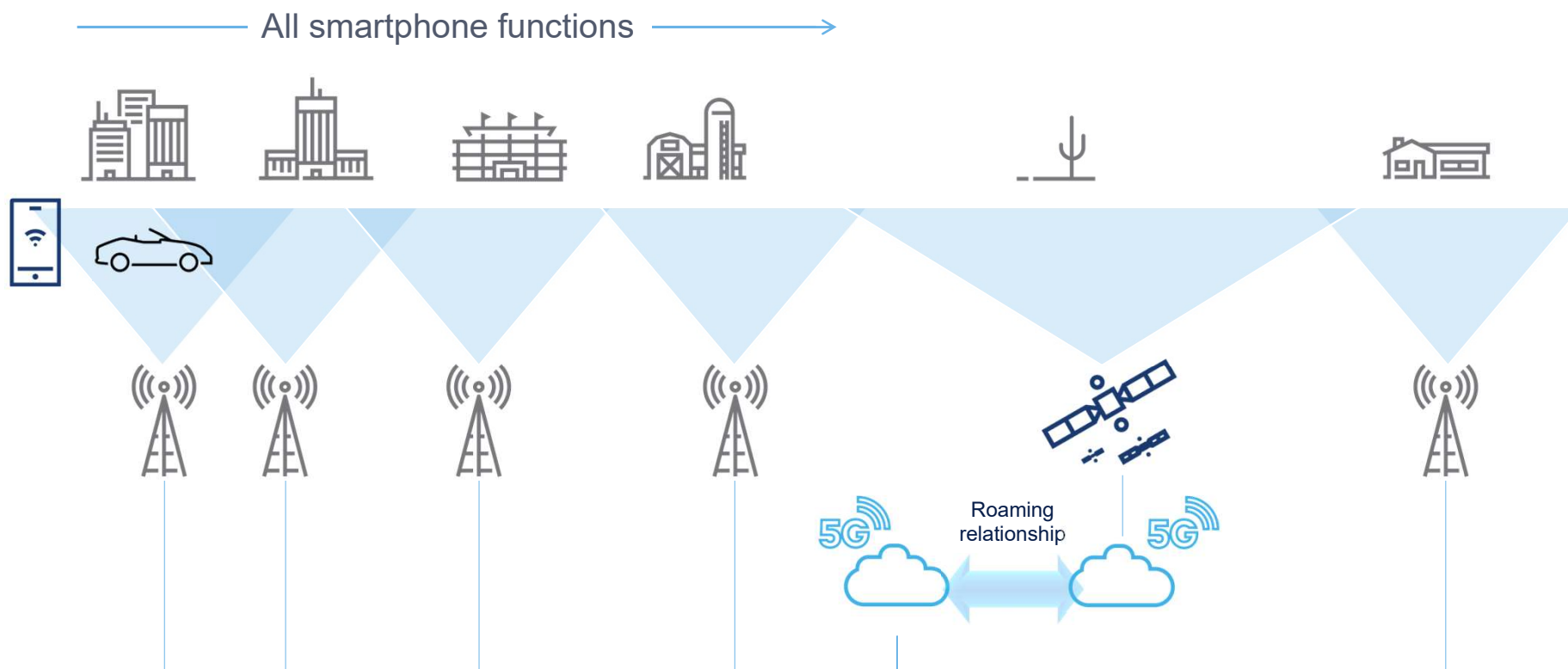
**Multi-orbit  
services**

**5G compliant  
Intelsat core**

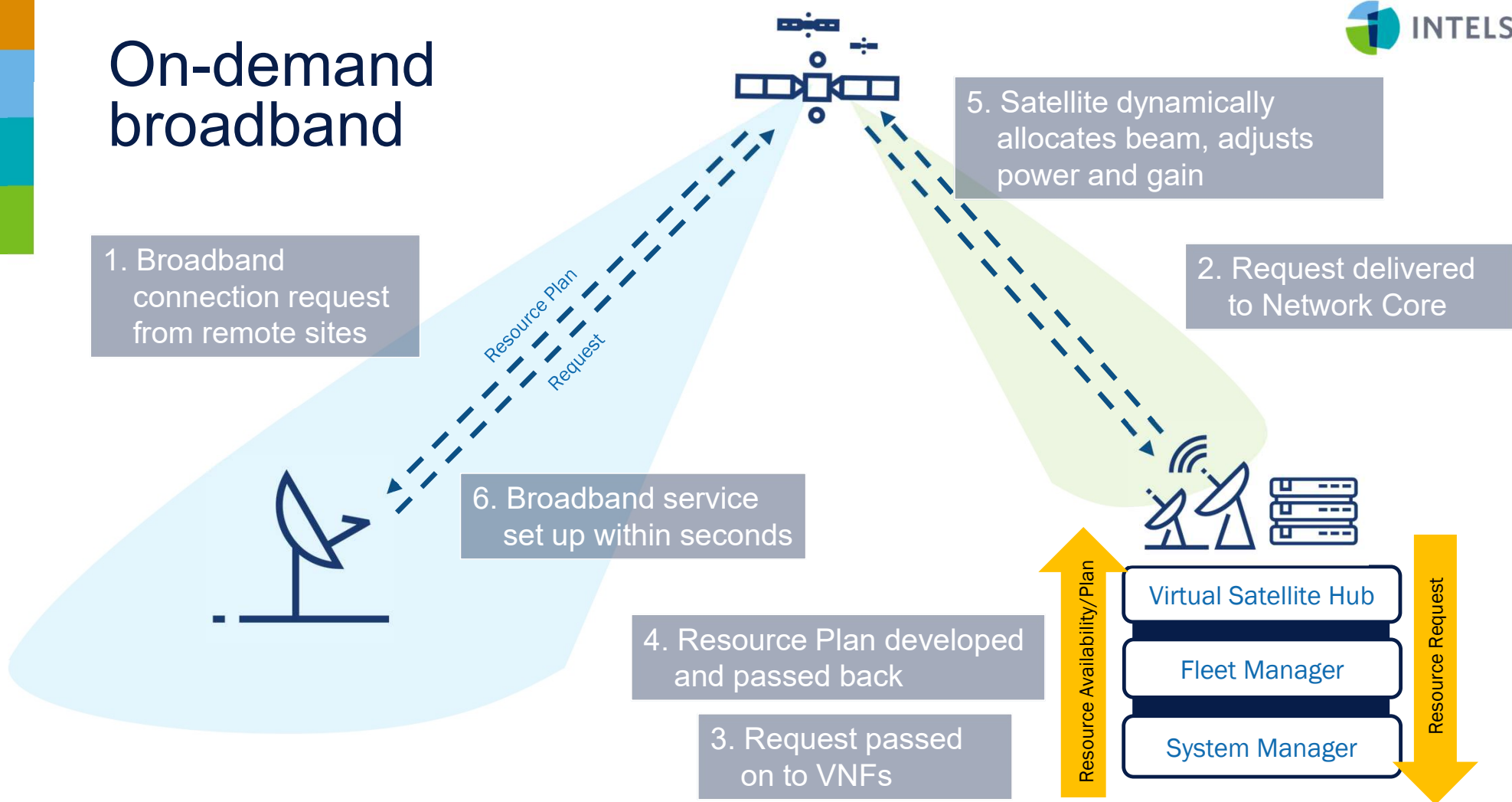
**Software-defined  
satellites**

**Virtualized  
ground  
infrastructure**

# Imagine this...

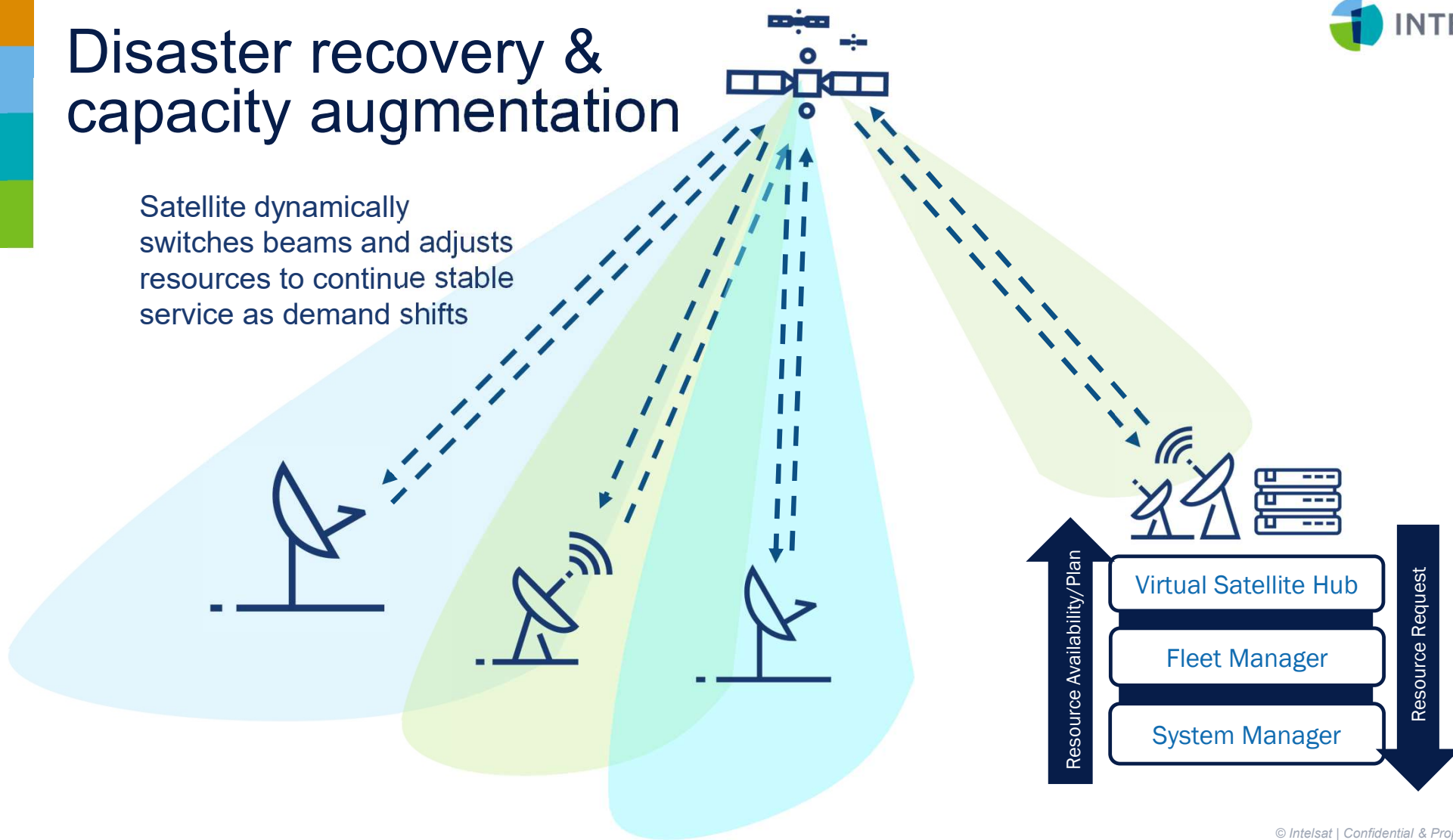


# On-demand broadband



# Disaster recovery & capacity augmentation

Satellite dynamically switches beams and adjusts resources to continue stable service as demand shifts



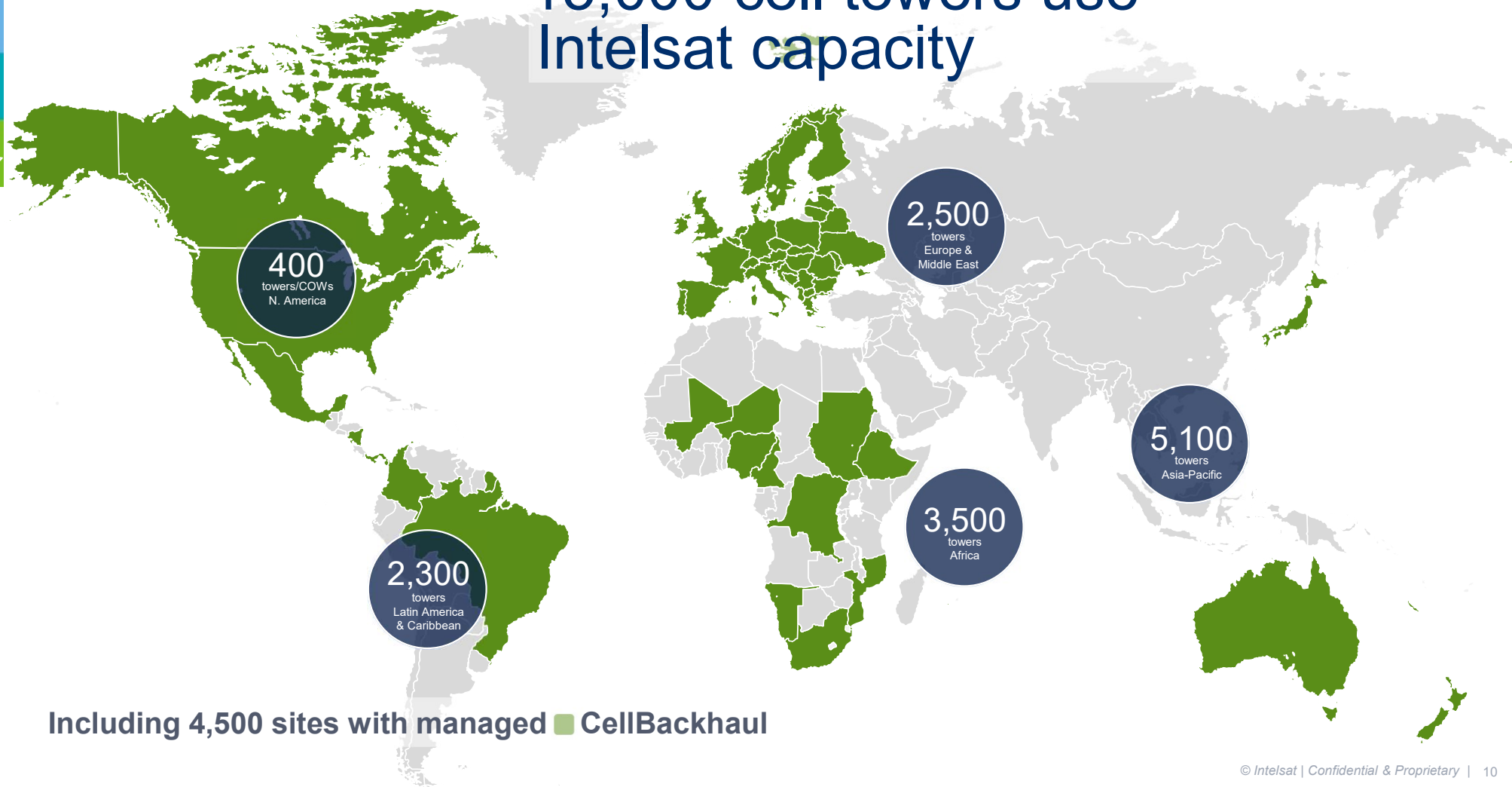


Improved usability,  
more use cases,  
easier service adoption



**Managed services**

# 15,000 cell towers use Intelsat capacity



Including 4,500 sites with managed  CellBackhaul

Improved usability,  
more use cases,  
easier service adoption



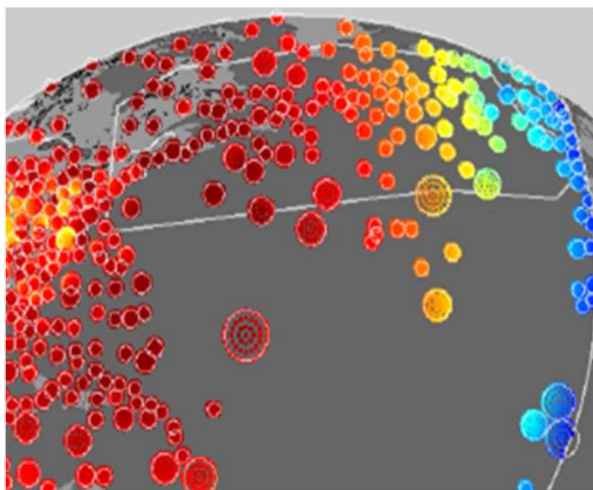
**Managed services**



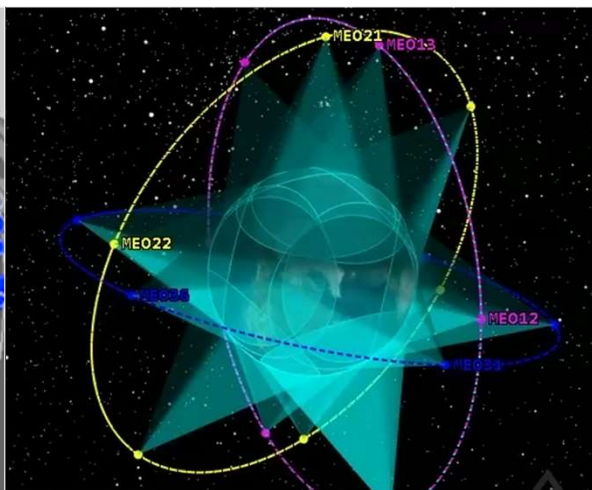
**Hybrid satellite network**

# Next-Gen satellite network

Optimized multi-orbit solution from a trusted industry partner



GEO: Four SDSs



Intelsat MEO Constellation



LEO Partnerships

Improved usability,  
more use cases,  
easier service adoption



**Managed services**

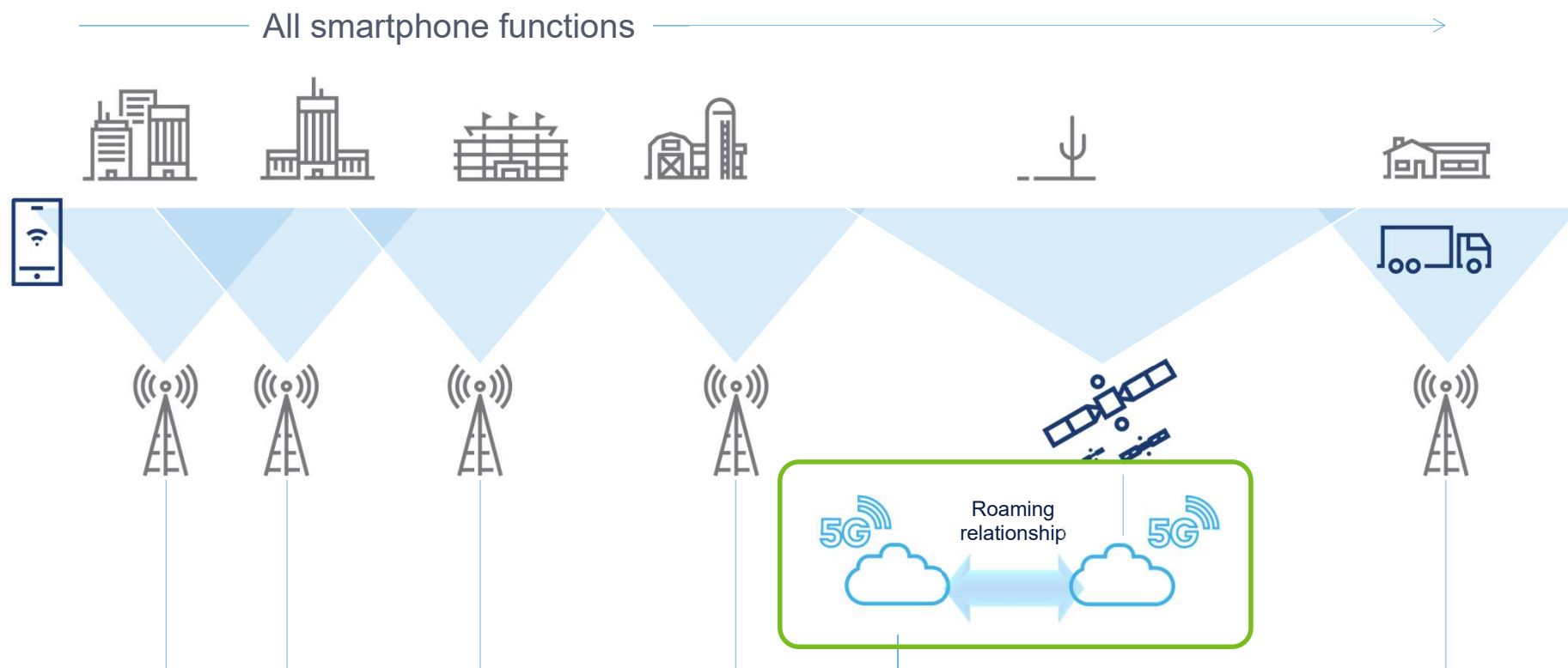


**Hybrid satellite network**



**Standards-based network**

# Seamless mobility



# Easier Adoption



Thank you

