



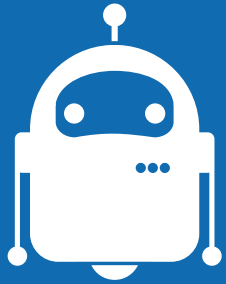
# Disrupting the status quo

Melvyn Chen | Business Development

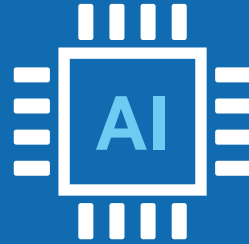
# The fourth industrial revolution on the horizon



Autonomous  
Vehicles



Robotics

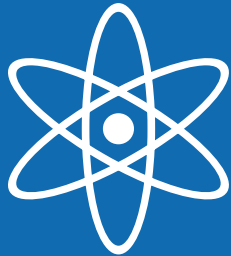


Artificial  
Intelligence

“A fusion of technologies that is blurring the lines between the physical, digital and biological spheres”



Biotechnology



Quantum  
Computing



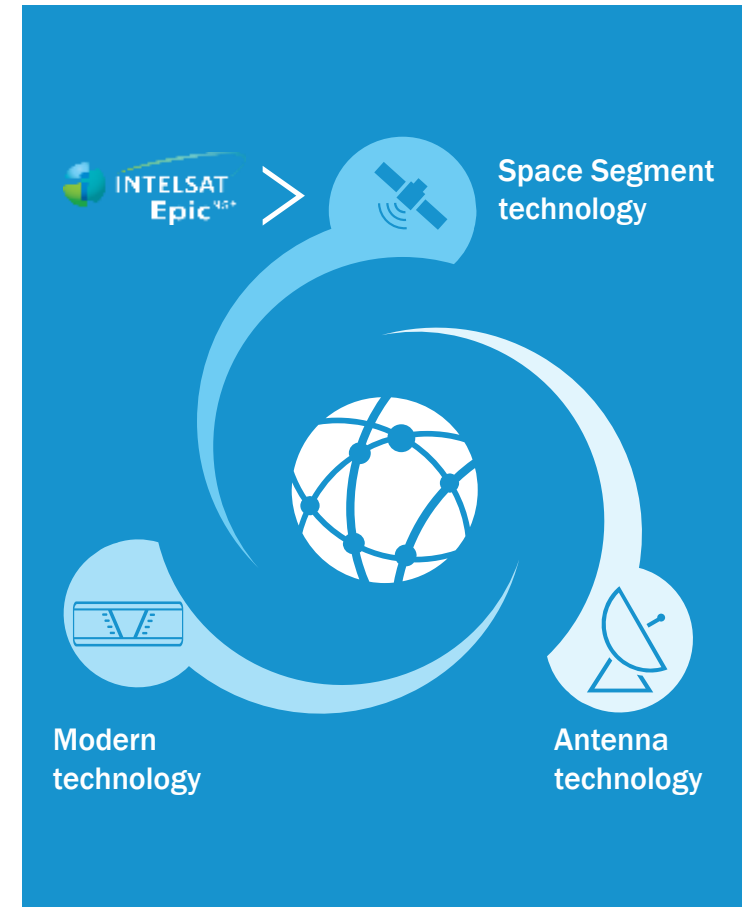
Energy storage



## Satellite innovation



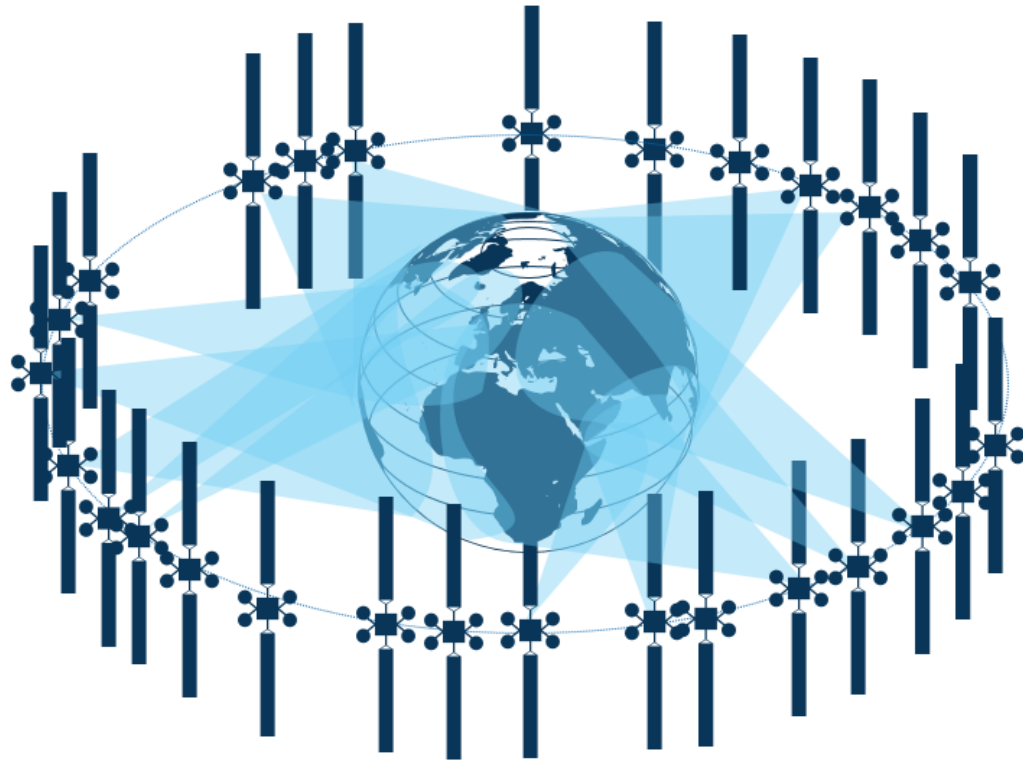
## Ecosystem innovation



# Largest collection of orbital slots

In most valuable C and Ku spectrum bands

Multi-layer resilient infrastructure



Six Epic<sup>NG</sup> HTS-satellites covering high-density areas

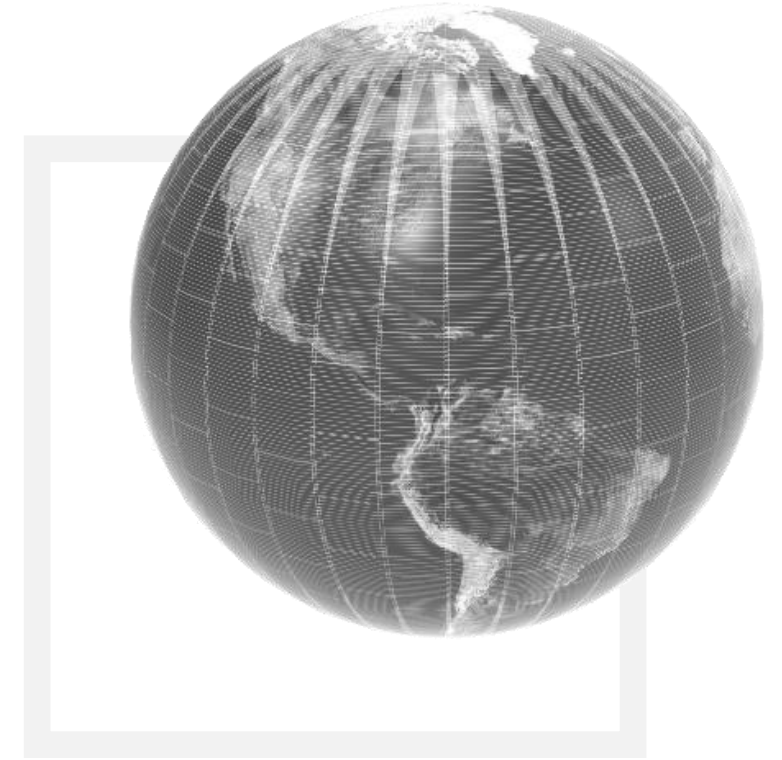


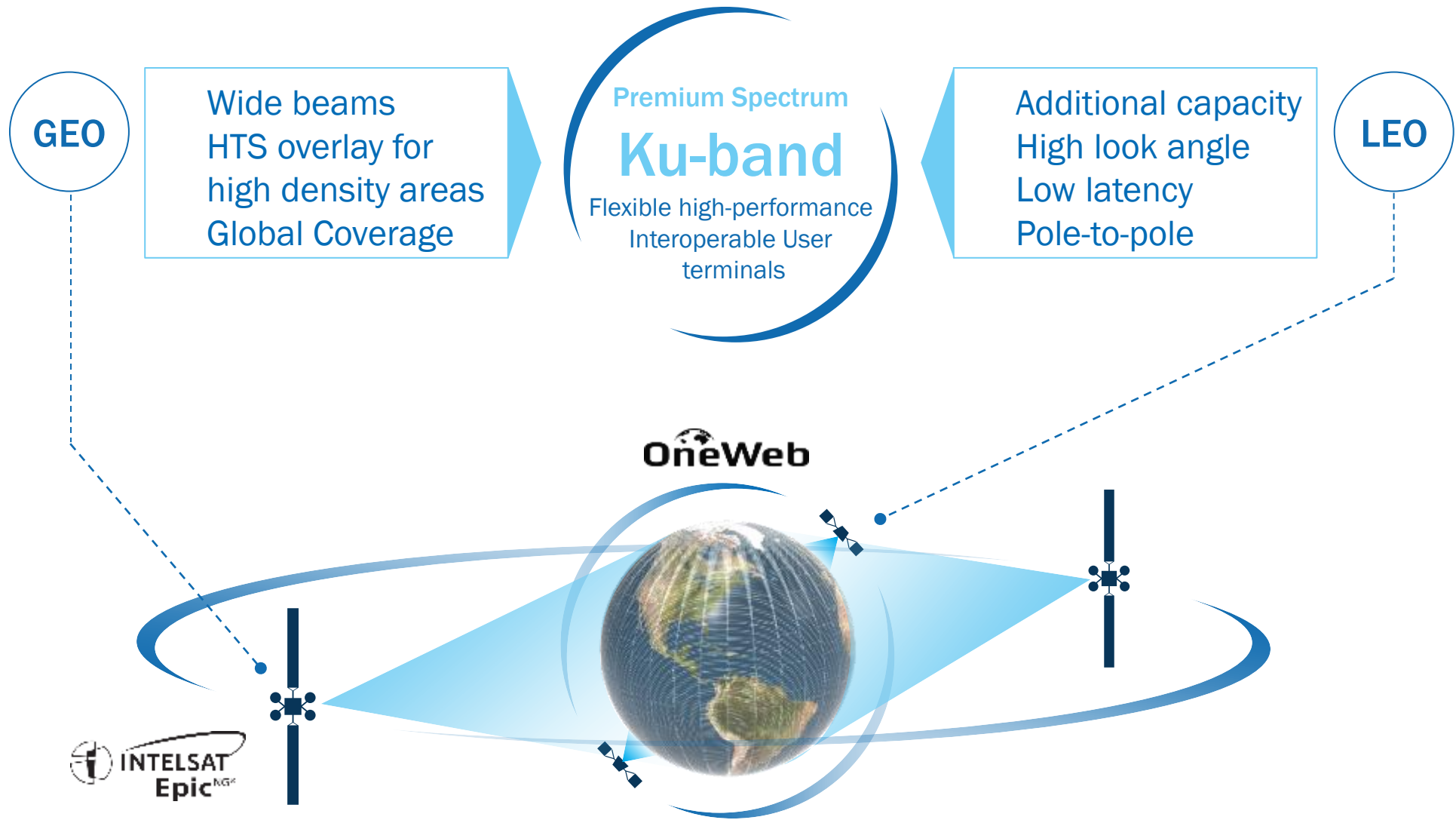


# The OneWeb satellite constellation

First and only fully global, pole-to-pole high throughput satellite system

- High capacity:
- >7 Tbps
- Up to 882 LEO satellites  
(Full constellation: 18 planes of 36 satellites)
- Inclination 87.9°
- Low latency < 50ms round trip delay
- Small terminals ~30-65cm
- Altitude 1,200km

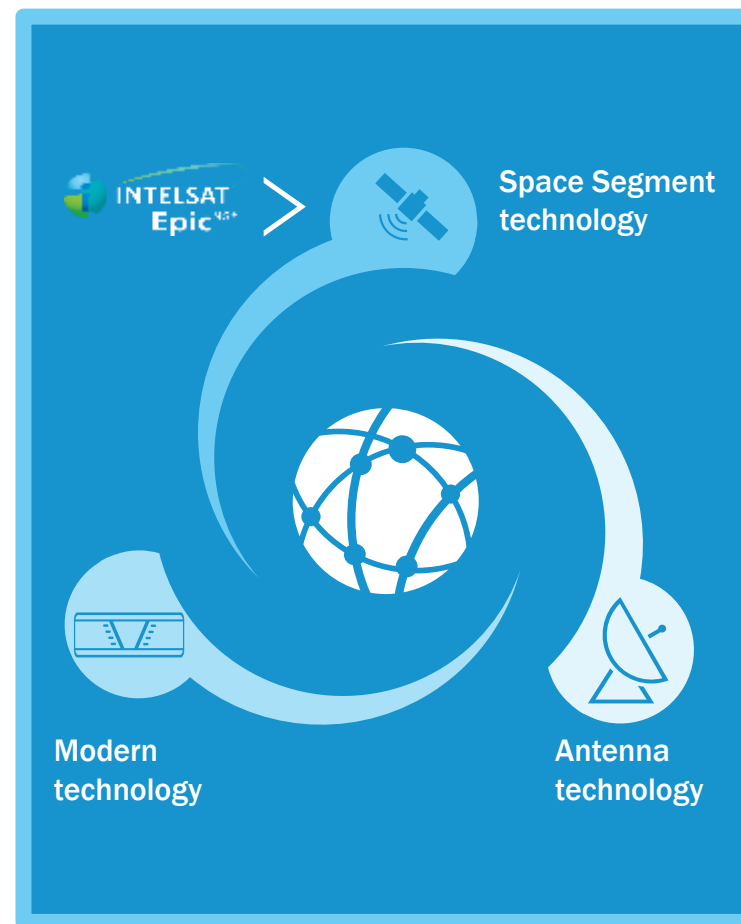




## Satellite innovation



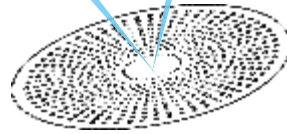
## Ecosystem innovation



# Antenna technology is evolving



ESA  
Electronically  
Steered Arrays



- › Smaller
- › Thinner
- › Lighter
- › No moving parts
- › Auto-acquiring
- › Self provisioning
- › Access to multiple satellites

KYMETA™

- › Metamaterial
- › Passive array



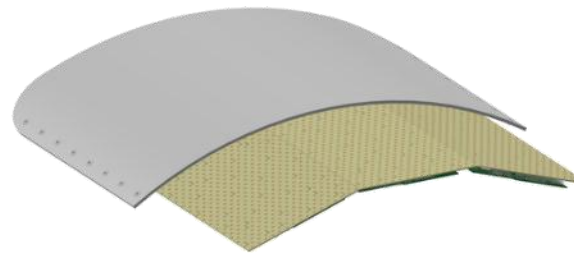
PHASOR SOLUTIONS

- › Active phased array

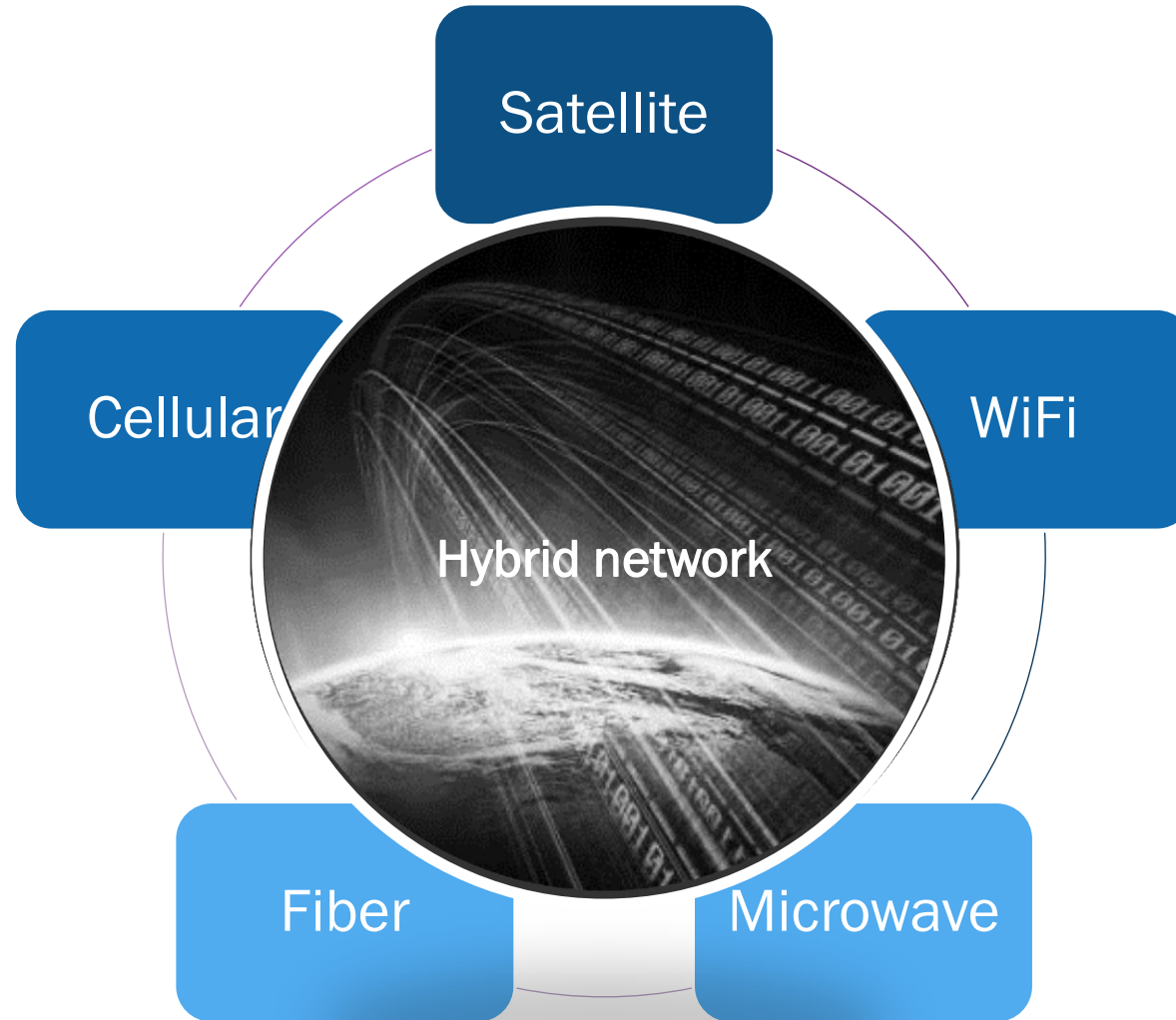




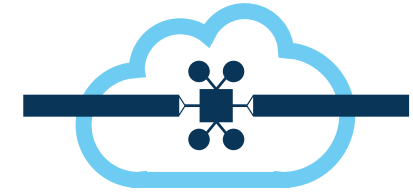
# For the connected ship, plane, and car



# Satellite guarantees ubiquity & reliability for the hybrid network

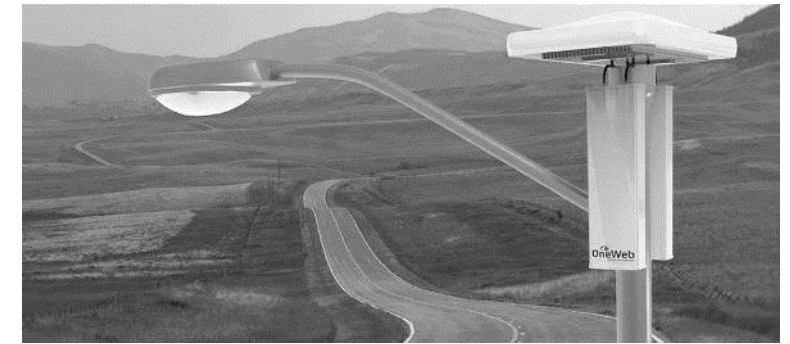


# Intelsat brings it all together



- **One network**

- Global Ku-band
- Multi-Layer
- Multi-Orbit



- **Simple access**

- Range of terminals
- Tailored for each vertical





# Thank you

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