

# A demonstration of reliable network connectivity for global digital transformation

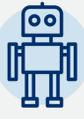
Intelsat and Microsoft are enabling enterprises to transcend challenging connectivity environments and deliver private LTE and 5G to locations around the world – demonstrating a first-of-its-kind private cellular network with Azure private multi-access edge compute (MEC) and FlexEnterprise, Intelsat’s satellite-based global connectivity service.



10 BILLION

Mobile Experts Inc. expects the global private LTE and 5G equipment and services market to grow at around 20% CAGR to about \$10 billion by 2025.

## Industry 4.0 is driving modern connected applications



### Modern connected apps

- Connected worker
- Robotics and AGV
- AI and video analytics
- Industrial IoT and digital twins



### Leading industries

- Industrial and manufacturing
- Energy and resources
- Transportation
- Agriculture
- Retail and consumer goods
- Defense and intelligence



Modern connected apps allow organizations to leverage artificial intelligence and the vast amounts of data generated by the Internet of Things to gain new insights and drive innovation.

## Azure private MEC performance

Delivering **ultra-low latency** at the enterprise edge



**Simplifying** the development, deployment, and management of private networks for modern connected applications at the enterprise edge



**Flexible solutions** for integrating edge compute, networking, and applications on a choice of edge platforms



**Designed** for operators and system integrators to deliver high-performance MEC use cases to enterprises

## Global network reach with Intelsat



Satellite and terrestrial network **trusted for 60 years** by service providers worldwide



A next-generation satellite network that covers **99% of the world’s population**



**Truly global**, delivering connectivity in the air, on the ground, and across the ocean.



**Largest satellite capacity provider** to the U.S. government



**Inflight Internet provider** to 21 commercial Airline Partners and nearly 3,000 Aircraft



**Leading satellite bandwidth provider** to the maritime industry



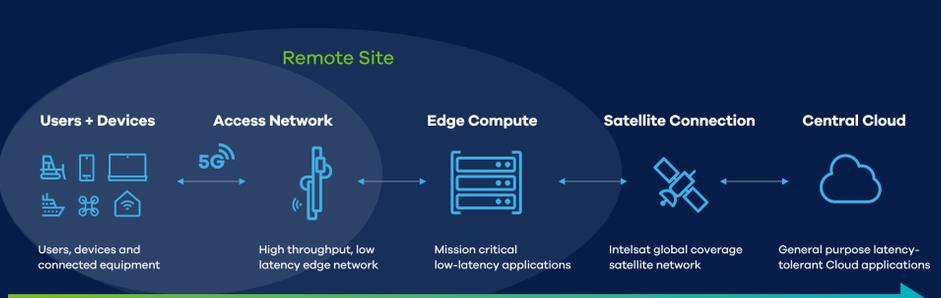
**Providing 2+ billion people** TV and radio content worldwide



**Serving 7 of the world’s top 10 Mobile Network Operators**

## Coming together to extend enterprise connectivity everywhere

Deploy secure, high-performance private LTE and 5G networks and other cloud services over satellite networks to enterprise locations virtually anywhere in the world, including remote and austere environments. Intelsat Global Edge delivers cloud services wherever it benefits the enterprise.



## Intelsat's FlexEnterprise enables connectivity to the internet, private networks, and Azure services



Users can access local enterprise resources via SIM-authenticated connections to the Azure private 5G network



Access remote resources through the FlexEnterprise connection, the IntelsatOne global network, and Azure

## A tried and tested platform that supports organizations in their Digital Transformation journey

- Supporting virtually any access technology
- More flexibility and scalability for remote facilities
- Enabling the next generation of global mobility, IoT, and 5G services
- Significantly improved application performance with computing resources closer to the end user
- A separate private network for enterprises that need to protect sensitive data
- Merging software-defined technology, multiple networks, and multiple orbits
- Revolutionizing remote enterprise operations by providing improved latency, connectivity, security, and flexibility

Bringing the world a single, more powerful way to easily connect

Learn more →