Viasat is continuously innovating

- Providing connectivity to unlock opportunity for everyone, everywhere
- Trusted provider of reliable MSS services for over 40 years
- Introducing 3GPP NTN services on top of existing services

>40 years
Proven track record

>2m
Active devices on our satellite networks

90+
Global Offices

2,500+
Patents
3GPP NTN will deliver important benefits

- Ubiquitous global service coverage including service to mobile white zones
- Enhanced existing and additional services
- Seamless Roaming
- Personal safety & security features
- Leveraging 5G ecosystem

…and more
3GPP NTN enables new use cases across a wide range of user segments

**Narrowband (NB) NTN**
- SOS / Emergency
- Two-way messaging
- Tracking and monitoring
- LDR voice

**Broadband (NR) NTN**
- Voice
- Broadband internet connectivity
- Streaming
- Video calling

**IOT - M2M**
- Agriculture
- Transport
- Energy
- Utilities
- Asset tracking

**Automotive**
- Safety/Security
- Vehicle tracking
- Telemetry data
- Remote access
- Autonomous vehicles
- Infotainment

**Other**
- Civil Government (e.g. first responders)
- Defence
- Land Mobile (trains, buses, etc.)
- UAVs / Drones
- Aviation
- Maritime
3GPP NTN in MSS bands

✓ Can be implemented within the existing regulatory framework

✓ Evolution from existing dedicated MSS services

✓ MSS Spectrum is already allocated and more will be considered at WRC-27

✓ Can be overlayed by MSS operators on their existing services without interference into IMT or existing MSS services
Non-profit association founded in 2024 with 3GPP NTN ecosystem participants

Purpose includes:

- Enabling the means to provide scale and affordable NTN connectivity to any device, anytime, anywhere

- Facilitating open interoperable architectures and standards for use in multi-orbit satellite systems, ground infrastructure, and end user equipment

- Maximizing scarce multi-orbit space and spectrum resources and employ sustainable network design and operation to enable affordable advanced NTN services

- Supporting the integration of space networks into national telecommunications infrastructure via trusted local partners and within sovereign regulatory and national security frameworks

- Providing mechanisms for individual nations to participate in the new space economy

https://www.mss-association.org/

The MSSA is open for new members
Thank You