BEREC workshop

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Richard Roithner
VP, Corporate Strategy

Viasat is continuously innovating

Viasat + inmarsat

- 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+

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Global Offices

2,500+

Patents

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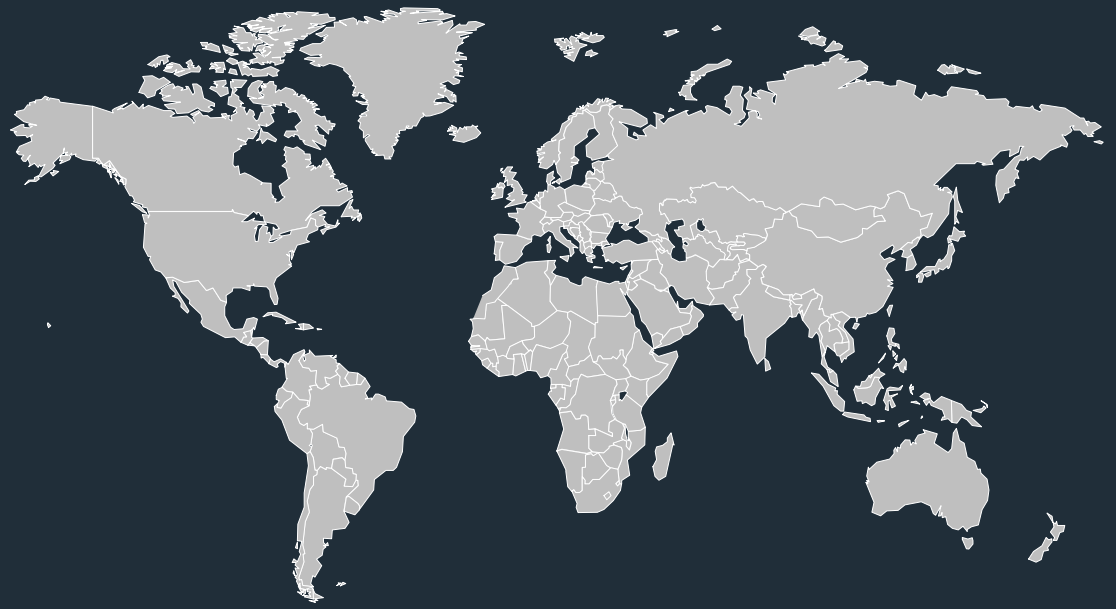
3GPP NTN will deliver important benefits

- **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



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

D2D/Smartphones

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

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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

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MSSA
Mobile Satellite Services Association

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

- **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**

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The MSSA is open for new members


Thank You
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