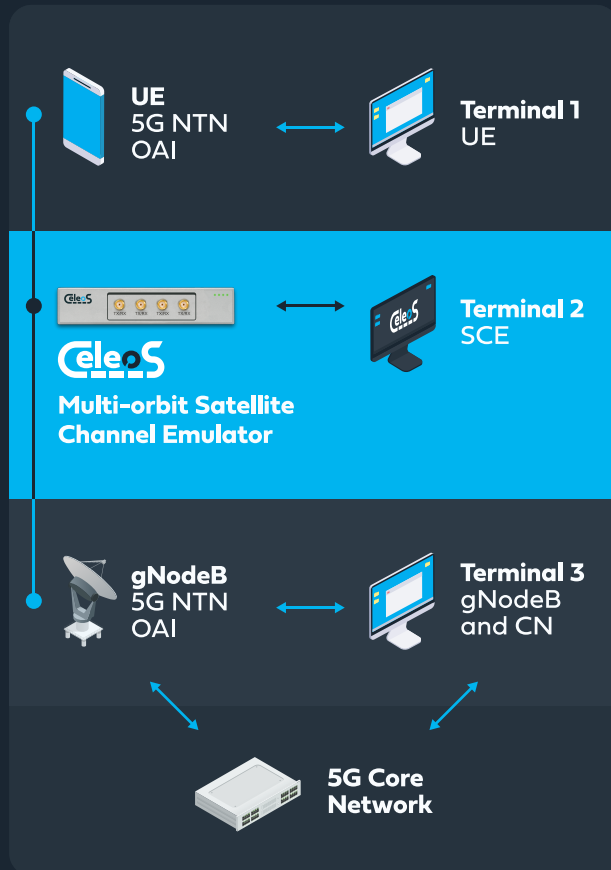




Flexible Satellite Platform for Advanced Communications and End-to-End Services for 5G NTN

Demonstration of 5G NTN LEO



What is Flex Space 5G NTN

Fully-integrated "5G-NTN in-a-box" solution. It's a versatile and configurable end-to-end 5G-NR NTN that comes integrated with CELEOS our flexible multi-orbit channel emulator.

Flex Space 5G Testbed		
Flex Space 5G	SDR	1U
	Processing unit	2U
Flex Space 5G	SDR	1U
	Processing unit	2U

Main Features

5G NTN Features

- 5G 3GPP (R17)
- O-RAN
- Adaptive MCS
- Handover TN / NTN
- SMO / RIC interfaces

Architecture

- Scalable
- Flexible
- Expandable
- Custom features

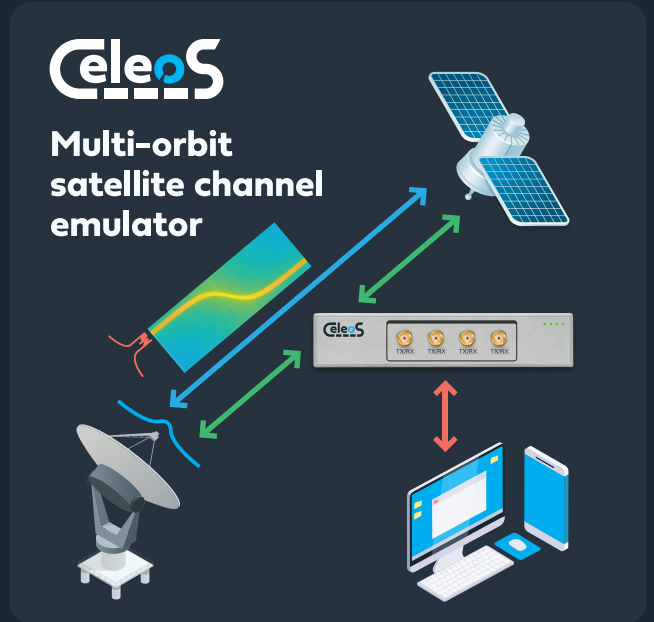
Satellite Channel Emulation

- LEO Channel Emulation
- TLE
- DIFI
- SigMF

User Interface

- API
- GUI

Celeos adds channel emulation capabilities and can be included in Flex Space 5G NTN or can be accessed as a stand-alone product.



Specifications

- 150 Mhz Bandwidth
- 1 - 4 Channels
- RF Satellite Link Emulation
- Handover
- TLE
- Multi-platform User Interface
- DIFI
- SigMF

Capabilities

- 5G NTN
- Internet of Things
- Emergency services
- SDR-based Technology
- 6G 6G Ready

Why work with us

- Affordability
- Scalability
- Flexibility



Rethinking Satellite Communications for a Connected World

At LASTING Software, we are revolutionizing the telecommunications landscape, seamlessly integrating terrestrial and non-terrestrial networks.

Our innovative approach is not just about bridging gaps; it's about redefining industry standards through advanced products, services and consultancy that cater to the evolving needs of 5G and satellite communications.

Contact us

✉ contact@lastingsoftware.com

☎ +40 356 178 510

📍 9 Regele Mihai I Blvd., 5th floor,
Timișoara, România

🌐 lasting.space



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