

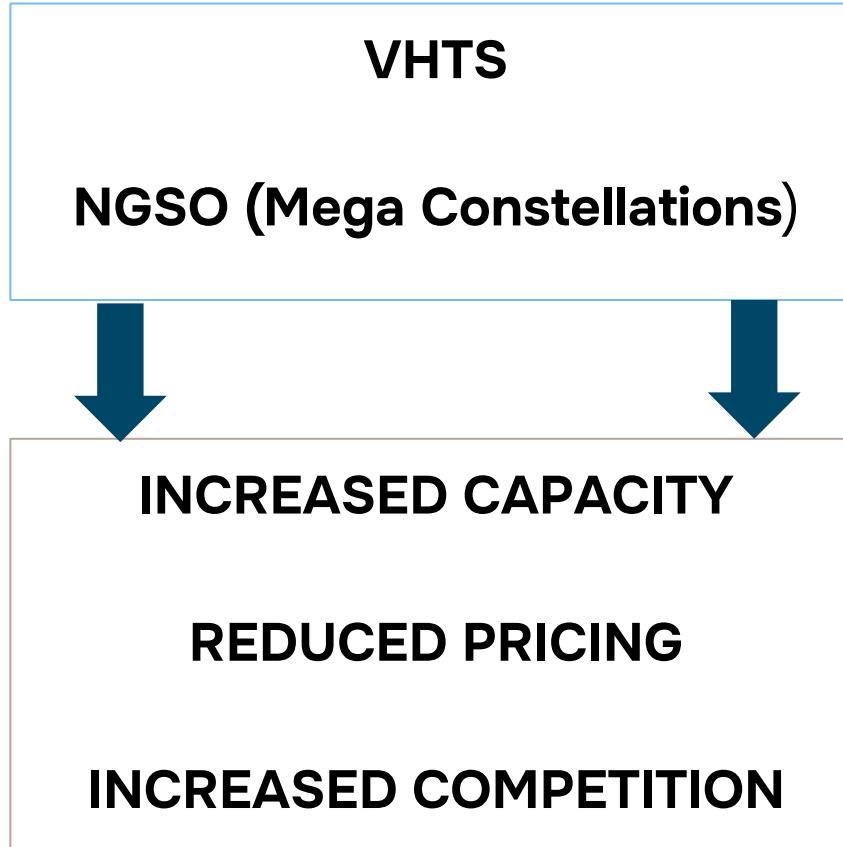
# The Evolution of the SATCOM Ground Segment: Emerging Trends & Technologies

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# Requirements driving technology trends



# Requirements driving technology trends



## VIRTULISATION

- NTN & D2D
- Multi-X
- Cloud Integration
- GSaaS



## INCREASE CAPACITY

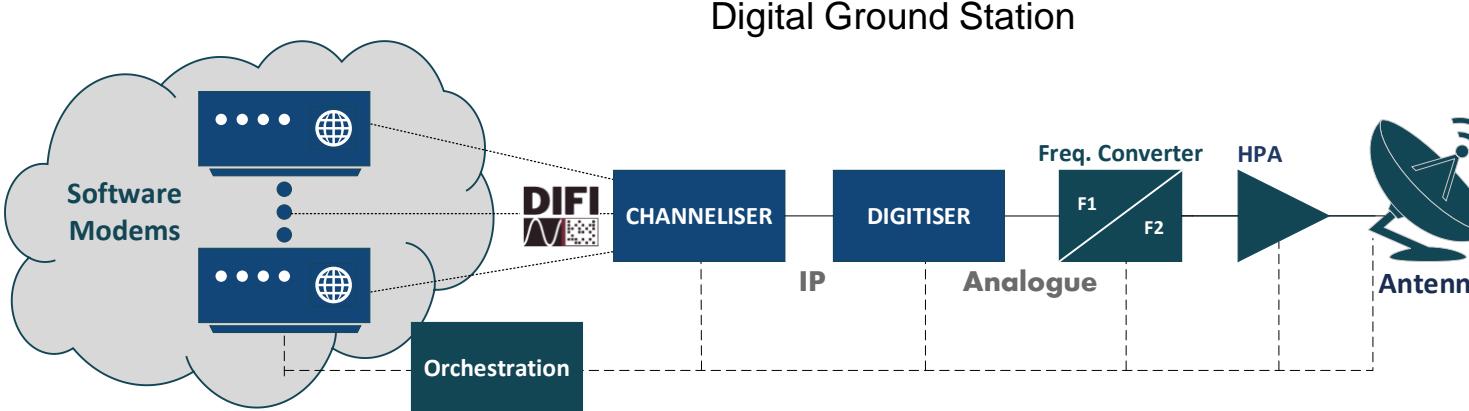
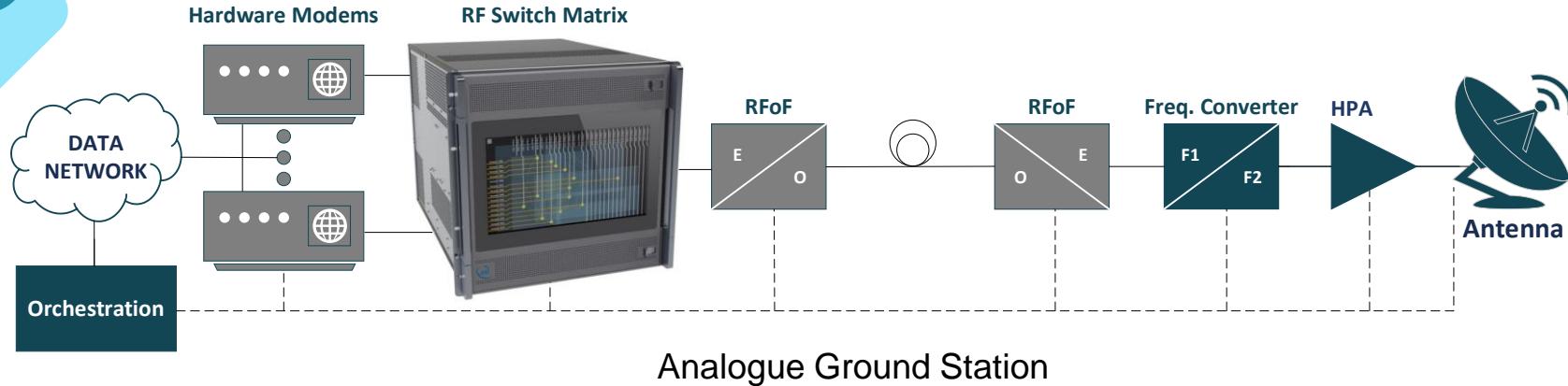
- HTS / VHTS
- Move to higher frequency Bands



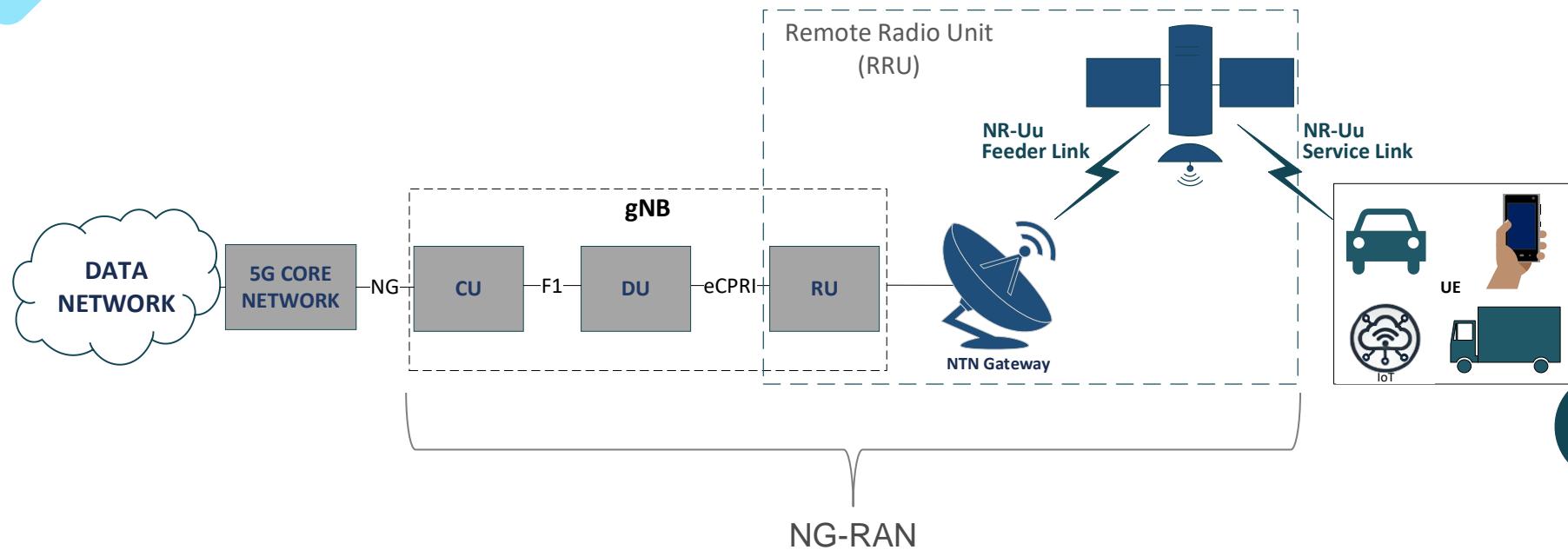
## FLEXABILITY

- Software Defined Automation
- AI / ML

# Virtualisation

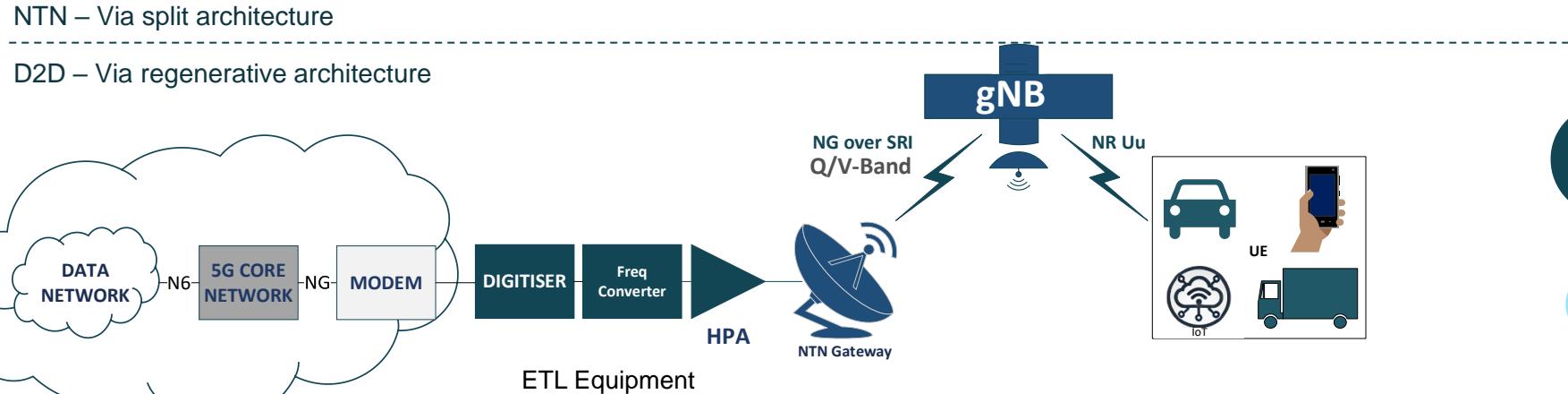
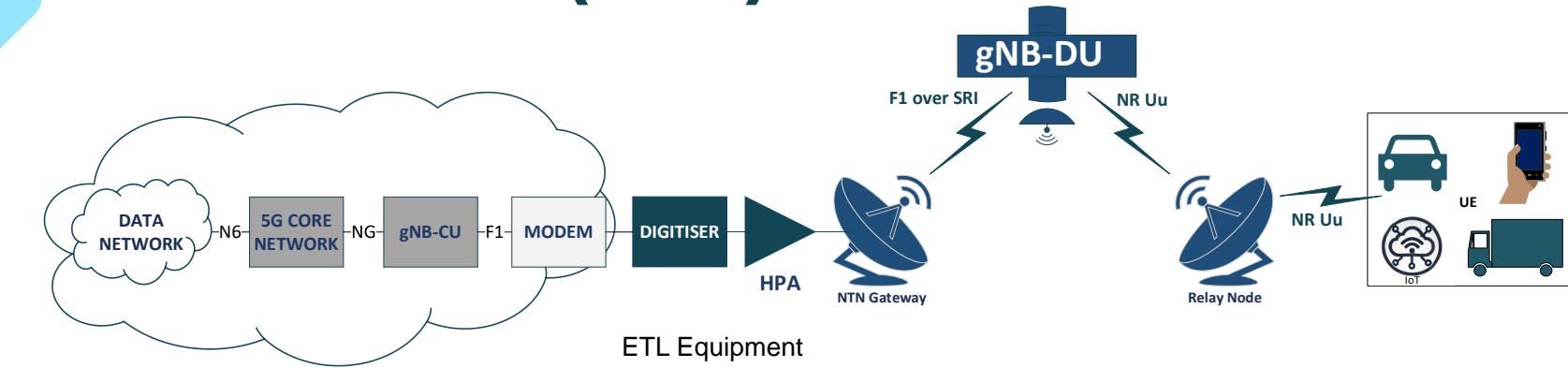


# Non-Terrestrial Network (NTN) & Direct-to-Device (D2D)

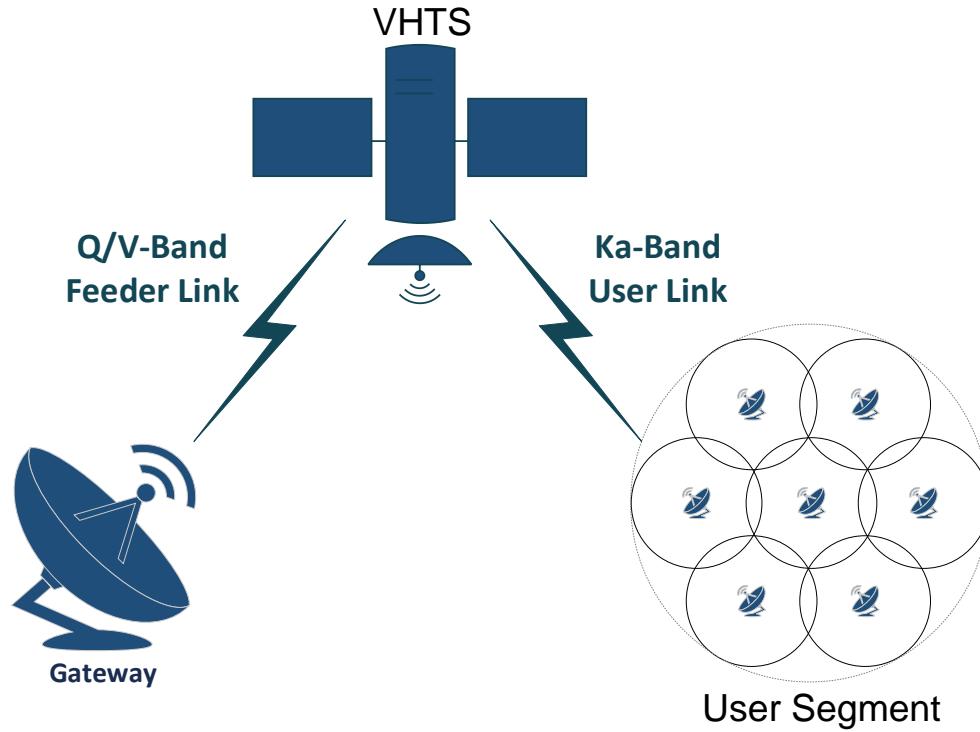


Transparent (bent-pipe) Architecture

# Non-Terrestrial Network (NTN) & Direct-to-Device (D2D)



# Final Thoughts... GEO and Analogue aren't dead!





# Thank You

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# ETL Systems

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