

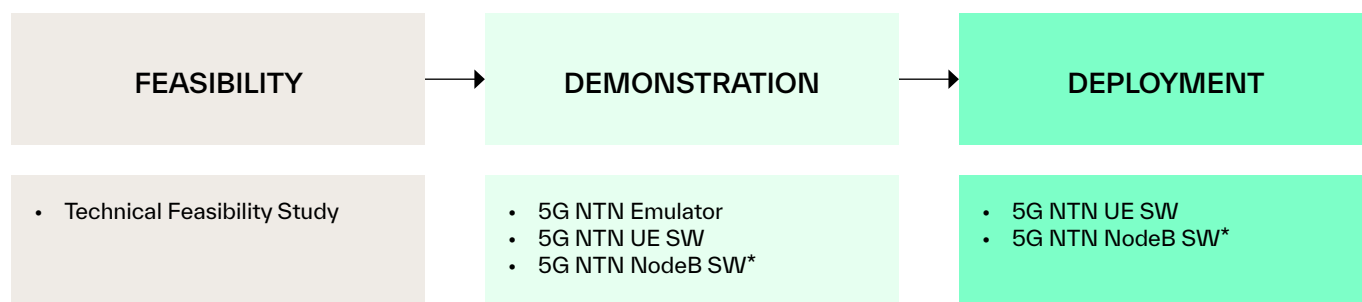
5G NTN

Technical Feasibility Studies, Demonstration and Software



5G NTN Software Experts

Are you looking to validate and enable 5G NTN services based on NB-IoT, eMTC or New Radio? Gatehouse Satcom offers products that can support your 5G NTN Roadmap from initial research throughout demonstrations and into commercialization of your 5G NTN service.



Verify viability to support 5G NTN services with analysis of your system parameters to estimate link budget and feasibility of satellite payload configuration, detailed simulation of link performance, analysis of system capacity and satellite payload configuration trade-offs for different scenarios.

A customized report with valuable data-based input for your 5G architecture and business case.

Validate your business case and network performance with minimal investment through demonstrations in lab or in-orbit.

Define test cases, timeline and integration into existing system infrastructure applying system test emulator and demonstration licenses.

Software for devices and NodeB, compliant to the latest 3GPP releases.

- Modularized and portable software
- Spectrum agnostic
- Interoperability tested
- Support and maintenance to ensure business continuity
- Scalable business model

* Software for transparent mode available now. Software for regenerative mode available 2024.

Get in touch

Get in touch with us to learn how you can realize 5G NTN with NB-IoT, eMTC or New Radio on your current or future satellite fleet to compete in the evolving market. You can contact us at sales@gatehouse.com and set up a meeting to discuss your 5G strategy.