

Test tools from GateHouse:

Test terminals and applications for land, maritime, and aviation

Achieve commercial quality fast, efficiently, and with minimum costs.



To succeed when implementing satellite communications equipment, it is essential to have a test set-up that represents real-life conditions closely to ensure compliance to requirements.

Unique emulation tools

Whether you are a terminal manufacturer, a satellite communication system integrator, a reseller or an end-user of Inmarsat solutions, **testing on the bench** with testing equipment from GateHouse eliminates the need for line of sight and airtime, while enabling test of any network scenario.

Quality and safety

Thorough testing is essential throughout terminal and application development and critical to the final product quality delivered to end-users. But why do you need an alternative to traditional testing on the live BGAN network? Set up of test environments and the unpredictability of the live network conditions is

both time consuming and costly. More importantly, rarely occurring network conditions might not even be obtainable for you to reproduce and test sufficiently. Use of a sandbox network environment offers you **complete control** of the network conditions under which you wish to test your terminal or application's performance.

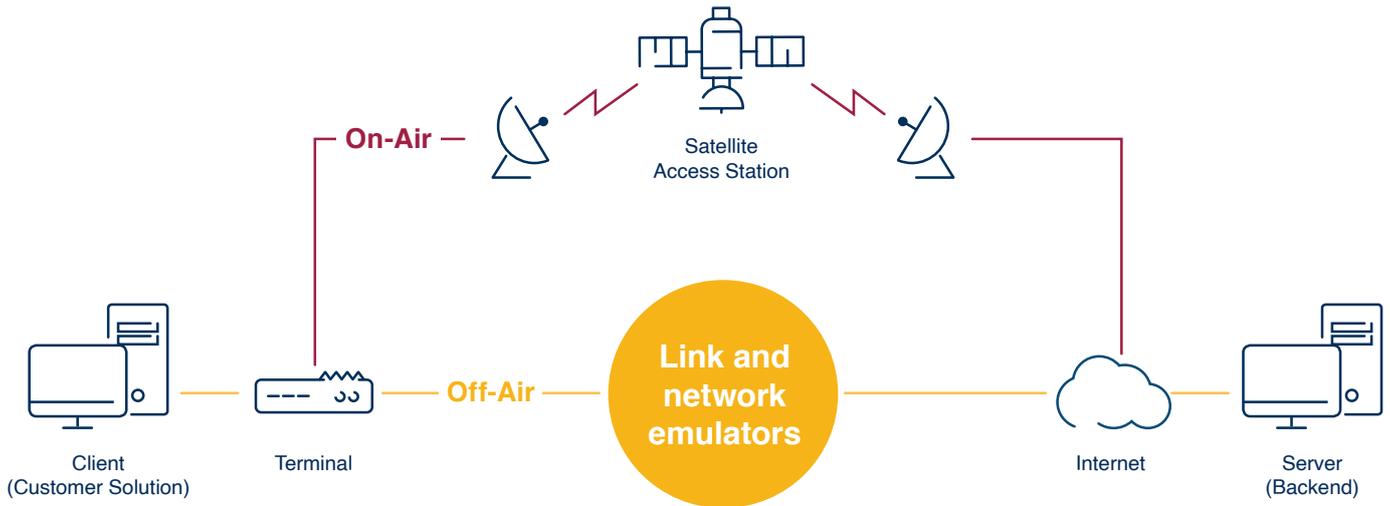


GateHouse has a remarkable technical knowledge and understanding of even the most complex issues within satellite communications software.

Will Penfold
Honeywell

Benefits:

- ✦ Reproduce any network scenario (e.g. signal degradation, traffic shaping (queuing, QoS), congestion)
- ✦ End-to-end and mobility testing on the bench
- ✦ Intuitive usage via the graphical user interface
- ✦ Ensure and improve quality of applications
- ✦ Improve stability with long term and load test and optimize for minimum airtime usage
- ✦ Reduce cost and time of test effort
- ✦ Avoid exposure on the live network
- ✦ Test and document performance of applications



Testing off-air in a controlled environment enables you to test all scenarios.



We recommend that new GX applications and solutions are thoroughly tested in any number of network scenarios and in different bandwidth conditions before being introduced to the market.

Olaf Rostbakken, Director of GX Simulation and Modelling, Inmarsat



Testing end-to-end in a controlled environment

The test tool emulates a satellite link, radio access network and core network, right down to the RF link. By emulating the network, you can test end-to-end in a controlled environment and monitor the effects of a live network on your application.

The unique satcom emulation tools from GateHouse eliminates the need for line of sight and airtime, while enabling **test of any network scenario**. In this way, you can reproduce test cases and thereby obtain reliable test results.

