

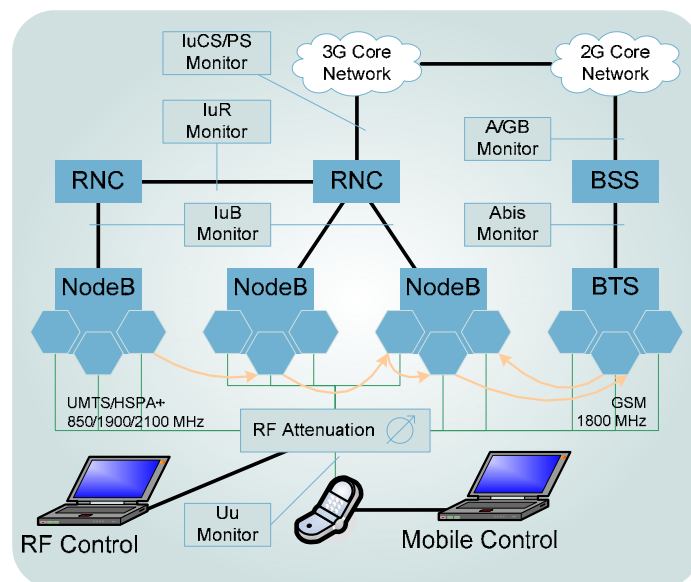
# Terminals Testing & Interoperability Testing (IOT)



Nash Technologies has in-depth knowledge and extensive, hands-on expertise in terminal integration and interoperability test execution.

## Capitalize on full access to our integrated equipment

- For testing your products & solutions
- Third-party equipment from a variety of global telecommunication equipment vendors, servers, routers & switches as well as tracing & monitoring devices
- Via GSM, UMTS, LTE and WLAN access technology with ANSI / ETSI network, at various frequencies (900/1800/1900 MHz GSM - 850/1900/2100 MHz UMTS - 2600 MHz LTE), 80 NodeB, 20 RNC
- Accessing applications such as SMS center, MMS center, Voice Mail System, Streaming, GMLC (for LBS/AGPS), FTP, UDP server, SIP/VoIP and IMS-based services
- Live UMTS/HSPA+ network of 3 RNC, 5 NodeB, 15 cells covering >25 square kilometers, incl. Intersystem to GSM1800 and prepared for LTE



## Take advantage of our extensive expert knowledge

In integration and optimization for radio networks, in functional testing, sanity & regression testing, load testing, system level performance testing, stability & endurance testing, Multi-UE testing & interoperability testing

## And benefit from a unique opportunity to efficiently...

- Select your specific network parameters and configurations
- Test your devices with 3GPP features, not yet available commercially
- Access each physical and logical interface while performing white-box & black-box testing
- Validate your devices in a real, customer-oriented reference environment
- Integrate your new devices into a reference network
- Verify interoperability jointly including final test report
- Run regression of your devices with simulated user-activities in a simulated mobile environment, verifying performance and benchmarks
- Re-verify your device compliance with reference network according to your specific requirements (e.g. following a major modification)
- Make use of our experienced staff on site to analyze issues and optimize your solution

## About Nash Technologies

Nash Technologies, based in Nuremberg Germany, develops, tests and supports software for the fast-growing global wireless technology sector. The centre of excellence, with in-depth experience acquired in the world-renowned Bell Labs, joined the Harvey Nash Group as an independent spin-off of Alcatel-Lucent's R&D operation. Nash Technologies' wide-ranging expertise covers all phases of the product lifecycle, and its wireless testing facilities rank among the largest in the world.

Nash Technologies' services comprise wireless communication system development and support, telecommunication testing services as well as embedded software development and testing. We deliver a unique combination of blended onshore and offshore research and development service – in Europe and Vietnam – and are thus ideally positioned to provide our international clients with onshore quality service at a very competitive price.