

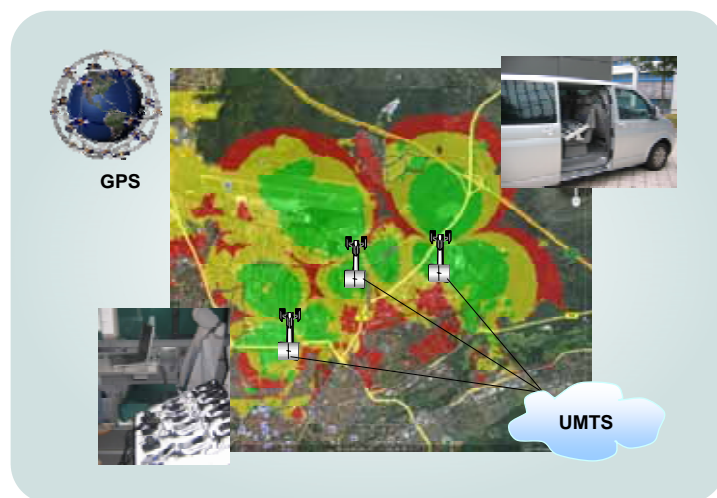
## UMTS/GSM Live Network, Drive Test & Tools



Nash Technologies operates networks ranging from 2G to the latest 4G, and its highly integrated 3G and 4G R&D and testing facilities rank among the largest in the world.

### 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
- 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 planning, architecture, integration and optimization for radio networks, in IP networks, in distributed & shared network concepts (Flat-IP, security, convergence), in functional testing, sanity & regression testing, system level performance testing under real load, stability & endurance testing, Multi-UE testing & interoperability testing

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

- Test and optimize your specific network parameters & configurations
- Test your devices with 3GPP features, not yet available commercially, in a real mobile environment
- Validate your devices in a real, customer-oriented reference environment
- Track the performance of your individual devices
- Verify network performance through key indicators (KPI)
- Verify the voice quality of your devices
- Operate your devices under various RF load profiles (OCNS)
- Test in rural and typical urban environments including in-building
- Evaluate, verify and optimize your drive test 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.