

Embedded Software Development & Testing



Excellence in embedded software

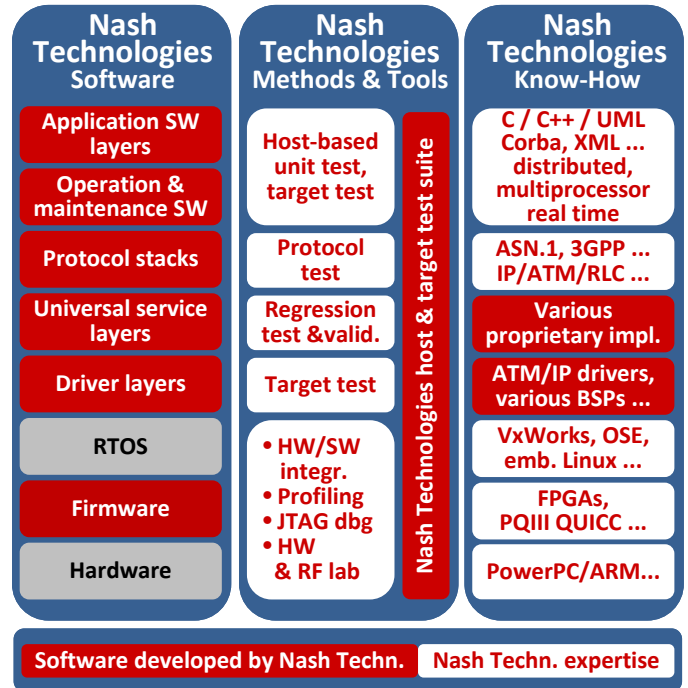
- Vast experience in developing embedded, distributed, real-time systems
- Three key areas of focus:
 - platform software,
 - application software and
 - tool development & testing
- Various software products and tools are available for reuse in a variety of projects (source code or binary)
- Fully equipped software development & testing lab, including hardware debuggers and measurement equipment

Best-in-class embedded software for complex, high-availability systems

Nash Technologies has unmatched experience in all layers of software:

- **Application Layer:** Wireless call-processing, data management concept for remote systems, generic operation and maintenance (OAM) software framework developed – providing seamless management of complex, autonomous, multi-CPU, hot-plugin multi-board systems
- **Middleware:** Generic service layers for message-based, distributed real-time systems
- **Driver Layer:** We have developed several highly efficient, low-footprint protocol machines and transmission subsystems (e.g. ATM&IMA, IP, 3GPP RRC/RLC/MAC)
- **RTOS:** Experience with a number of RTOS systems, such as VxWorks, OSE and embedded Linux
- **Firmware:** FPGAs for UMTS radio cards, etc.

We are ideally equipped to offer our clients outstanding tools and methods to efficiently test, integrate and validate the quality of new software releases on host and target systems.



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.