



NTLab Facts and Figures

Company

NTLab is one of leading semiconductor chips design centers in Russia.

Company provides complete range of services for microelectronics development. We support our customers at all stages of chip development - from technical specification to mass production and to finished electronic systems, including development kits and embedded software.

History

Company was founded in 1989 to specialize in designing of ASICs based on own RISC processor cores and development of embedded software.

Employees

NTLab is a rapidly growing company with young yet experienced staff (average age is 29 years) of 100+ engineers and programmers.

Total experience of our 15 key designers is more than 350 years of scientific research and VLSI/ASIC/SoC chips development.

Company ownership

Privately-owned

Headquarters, Customer centers

Zelenograd (Moscow), Russia

Minsk, Belarus

Key Markets

Russia, Western Europe, China, Taiwan

Partners worldwide

- Long term cooperation in RF IC design with Melexis (Belgium).
- TSMC and Vanguard (Taiwan)
- SMIC and CSMC (China)
- Chartered Semiconductor (Singapore)
- AMS (Austria)
- X-FAB (Germany, UK, USA and Malaysia)
- IHP (Germany)
- and others

NTLab Focus

Mission Statement

We strive to develop a superior microelectronic devices for our clients through state-of-the-art research and innovation.

General Strengths

High scientific potential of our designs is proven by usage of our integrated solutions in GPS/GLONASS/Galileo satellite navigation, wireless data transmission, RF ID systems and other advanced applications of micro- and nanoelectronics. Our experience and skills are proven by a large number of successfully finished projects.

Company Value and Strategy

We concentrate on education and professional development of our employees.

NTLab supports scientific research and progressive education in collaboration with top local technical universities. We have established 7 joint research-and-education laboratories to train students and post-graduates in the field of modern methodology of semiconductor design.

NTLab Expertise

Design Services

- System-on-Chip design: digital, RF and mixed-signal
- ASICs and ASSPs design
- SoC- and FPGA-based complete electronic systems development
- Organization of pilot samples and mass-lot manufacturing
- IC testing (digital, analog, RF)
- Hard and Soft IP development – digital, analog, M/S, RF
- Embedded software development – reference OS, IDE, protocol stack, drivers

Competence Areas

- Multi-system GPS/GLONASS/Galileo navigation
- RF ID
- Digital TV
- FM radio
- Wireless communications
- Smart cards
- Automotive