

Software Development



Expertise

- CPU platforms: MIPS, SH3, SH4, StrongARM, ARM
- Microcontrollers: ATMEL family, PIC family
- OSes: VxWorks, QNX RTOS, Windows OS family and Windows CE, Linux
- Programming languages and technologies: C++, C, C#, XML, SQL, Java, IPC, HAL, OOA,
- OOP, OOD
- Media processing: MP3, WAVE PCM
- Protocols: Bluetooth, TMC, RDS, GPS, I2C, I2S, CDS, SPI, UART, IPOD, CAN, MOST, TCP/IP,
- Open Display Interface (ODI), ODI GMLAN protocol
- Devices HMI optimization
- Unicode processing

Activities

- Development of software quality assurance improvement applications
- Development of code review analysis applications
- Localization for Bluetooth Auto-telephone model to support Chinese phonebook sorting and mobile phone sets
- Development of the Test Simulator development on Windows platform
- Porting of Ukrainian Navigation Maps to some proprietary navigation format