

Product Engineering Services

NeST is a total solution provider for engineering applications and products. We are a global combine and have been a trusted service provider to many Fortune 500 companies. Our passion for quality is reflected in our CMMI L5, ISO 9001-2000, ISO 27001 certifications of our development facilities in India.

NeST is an Engineering Service Provider with manufacturing facilities specializing in the design, development and prototyping of high-technology engineering products. NeST is uniquely placed in being able to cater to both software and hardware product development requirements of our customers, making us an ideal partner for companies looking at an accelerated time to market for their products.

Expertise

Hardware Design & Development

- Schematics
- High-speed digital and analog circuit boards
- Component selection & BOM optimization
- Gerber release and co-ordination
- Board assembly
- Board bring-up and testing
- Re-engineering
- Reverse engineering

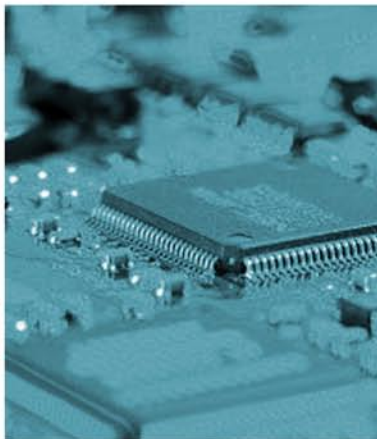
Software Design & Development

- BSP customization
- Device driver development & porting
- Middleware and protocol stack porting & integration
- Applications development & porting
- Re-engineering
- Reverse engineering

QA & Testing

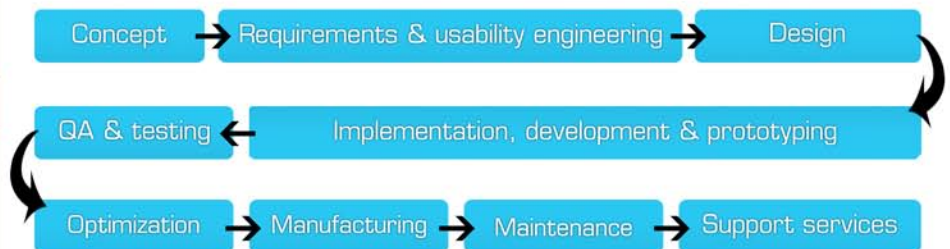
- Functional testing
- Usability/ UI testing
- Performance testing
- Compliance testing

NeST has the ability and expertise to work along the entire spectrum of product development, right from conceptualization to design, implementation, roll-out and support.



Industry focus:

- Automotive
- Automation & process control
- Networking & communications
- Consumer electronics & multi-media
- Healthcare



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Embedded Systems Competencies

Capabilities	Middleware	FPGAs	Protocols	File Systems	Device Driver	Filter Drivers	Board Support Packages	Custom Kernels	Applications
Languages & Tools	C, C++, Java, Perl, Python, TCL, PHP, C#, ASP, Assembly, XML, Visual Basic, Delphi, QT, J2ME					Visual DSP++ 5.0, Hitachi Embedded Workshop, Keil, Real View, IAR, Code Composer Studio, Visual Studio 2005, Tornado for VxWorks, Cadence Capture and Allegro Layout, Xilinx ISE ...			
Operating Systems	Microsoft Windows (All Versions), Win CE 6.0, PalmOS, Mac OS, Solaris, HP-UX, AIX, Linux, Linux 2.6, RTLinux, Vxworks, pSOS, Micro-Cos/II, QNX, ITRON, mITRON, Virtuoso for ADI DSP, DynamicC, eRTOS, Symbian								
Processors	Ti Davinci, TI OMAP, Marvell PXA 320, MPC860, AMD Geode family, Hitachi SH series, Hitachi H8 series, Freescale 68k/ColdFire series, MIPS VR5432, ARM 7, ARM 9, PowerPC, ADSP 2106x, TI C32, TI C64x, Freescale PowerQUICC, PMC Sierra MSP 4020, Analog Devices Blackfin, Cirrus EP7312, Rabbit 3000, Mitsubishi M2R, FPGAs: Xilinx FPGAs - Spartan, Spartan-2, Spartan-3, Virtex-4, Actel ProASICPLUS								



Global Delivery Model

NeST's Global Delivery Model encompasses the advantage of offshore centers located in India thereby optimizing cost as well as providing a team with location proximity to the client for hassle free development/solutions

Quality Frameworks

NeST is a CMMI L5 company with ISO 9001 certification. Our quality motto is "Exceed Customer Expectations"



Information Security

NeST secures the IP of clients through ISO27001 certified practices

Global Presence



The NeST Group : Software | Manufacturing | R&D | Systems Integration | Training

INDIA

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