

Overview of NeST Product Development Capabilities

NeST Group is a global corporation operating in the IT Sector providing hardware and software solutions to customers worldwide. The group started its operations in 1991 with the flagship company Sun Fiber Optics, manufacturing couplers and connectors for the Optical Fiber Industry. Subsequently, NeST has grown to offer products and solutions to different market verticals. Our offerings include software, electronics hardware and fiber optic products and application services.

NeST is a one-stop shop for end-to-end IT solutions. We supply the full range of capabilities and resources required to quickly take a product or application idea from concept to commercialization, allowing our customers to expand into new markets and generate additional revenue. Our product development expertise includes:

- Research & Development
- Design and development of hardware
- Firmware development
- System software Development
- Product Integration
- Hardware manufacturing
- Product Packaging
- Deployment and Maintenance

NeST Product Development Cycle

The product development lifecycle consists of different stages and components starting right from conceptualization to commercialization, consisting of design and development of

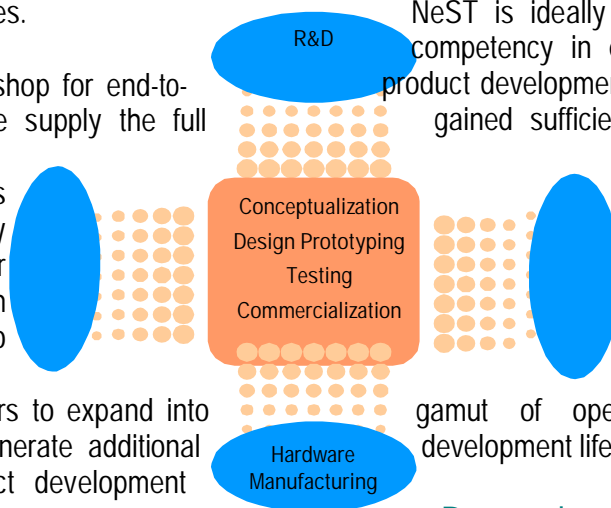
hardware and software, prototyping, fabrication and mass production for the product. Once the conceptualization and design process is over, the prototype is developed and tested. The whole product development effort consists fairly large amount of product integration through progressive assembly of product components, in incremental stages, according to defined integration sequences and procedures. With its core processes based on the CMMI framework,

NeST is ideally poised to leverage the competency in each of these areas of product development life cycle. NeST has also gained sufficient experience in Inter

Group Coordination through execution of turnkey project for a number of customers. To our customers NeST is the one-stop solutions provider for the entire gamut of operations in the product development lifecycle.

Research & Development

NeST established research and development in the year 2000 to provide total solution to worldwide customer. NeST R&D Center provides innovative product development solutions for customer's world wide in the networking and communications area. The core areas of expertise are in Electronics Hardware, Embedded Systems, VHDL, Fiber Optics Components and Systems, Advanced Power Supplies and Mechanical Designs. The Center develops custom products, pursue joint projects, product re-engineering, design and engineering consultancy, and testing services among a host of other services in the areas of Electronics and Fiber Optics.





Product Development Capabilities

Software Development

The software arm of NeST Group, Network Systems & Technologies is an international systems engineering and application development firm committed to delivering high quality, cost effective solutions that fit customers' needs on time, and every time. The company is an ISO 9001:2000 certified and assessed 8th in the world at SEI-CMMI level 5 for Software Engineering, System Engineering and Integrated Product Development. With our range of expertise, we focused at satisfying the software requirements of vendors in Industrial Automation, Medical Equipments Consumer Electronics, Networking equipments, Pharmaceuticals manufacturing, Broadband, Security and commercial computing.

Hardware Manufacturing

NeST having 14 years of manufacturing expertise, is one among the few Indian companies to have a Class 10,000 Clean Room environment. It has the largest fused coupler facility in the world. In Electronics manufacturing, NeST has an SMT line with a capacity of 24,000 components per hour and an Automated through-hole insertion line with 15000 axial and 9000 radial components per hour.

From PC manufacturing to transponders and other network elements, NeST has been successful in putting up a strong product development model over a couple of years. NeST has been recognized as the best supplier by General Electric and is the preferred vendor of its Casings and Power supplies. NeST has a state of the art facility for manufacturing of Lithium Ion batteries. On Radio Frequency front, NeST has specialized capability in Hybrid thick film Microcircuit assemblies and SMD and COB Capabilities along with Test, measurement and reliability evaluation capabilities.

Benefits

- Reduced cycle time and time to market
- Phased roll out of products with rapid ROI at each step
- Over come resource and expertise limitations
- Latest engineering Techniques used in the industry and market.
- Support for Legacy Systems
- Evolving with the standards
- Assured Quality

For more information on NeST's service offerings in the Wireless domain, please contact:

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