

Every time a step ahead...



Novasis Ingegneria is a technical strong reference to the Italian industry.

His competences in electronics, information technology, automation and telecommunication industry

lead the customer to reach the excellence for his products by a significant innovation.

The Novasis designer's passion and the expertise, used to front modern companies, as well as the more traditional ones, make the R&D process a time of growth and improvement for products and production processes.

The professional knowledge and skills are the instruments Novasis set in the hand of the customer so that he can obtain a meaningful advantage on his market.

"Our task is to understand the customer's needs in order to satisfy them with innovative ideas"

For this reason Novasis Ingegneria can count on a percentage equal to 100% of university degree Engineers and Physicists among its associates and technical employees. Not draft of an elitary choice, rather than a requirement forced by the rapidity of the technological evolutions that imposes a study and a continuous training, in order to understand what happens today and to be the protagonists of the tomorrow innovations.

Novasis Ingegneria supplies to its customers high profile professionals, structures and knowledges, capable to concept new projects with defining the features and characteristics, designing and prototyping products and systems, making tests, validations, certifications and homologations, following the industrialization process in all the phases... in a word: ENGINEERING!

The Novasis's men and women answer to the customer expectations with complex requirements, that thinks the key factor for the resolution of his problems is the technological KNOW-HOW and needs innovative solutions, designed and integrated with the more suitable technologies available.

Novasis Ingegneria can realize stand-alone projects using its own facilities or provide to the customer human resources, specialized and full equipped just where and when they are needed.

Services

Since the first contact the Novasis's staff expertise is at the customer service. A milestone you can count on for the entire project time and more, because Novasis Ingegneria is more than a products and services supplier, it is The innovation Partner.

- Feasibility study and design support
- Product requirement specification
- Concurrent/Reverse engineering
- Re-engineering of product/process
- Hardware, firmware and software design
- Rapid prototyping
- Realization of functional test apparatus
- Life test, process/product FMEA
- Risk analysis and functional safety of product/systems
- RAMS/RAMT analysis
- Homologation, validation, environmental and EMC tests
- Project management, customers and suppliers coordination
- Low and medium volume production
- Documentation editing and technical writing
- Product marketing and communication

Headquarters



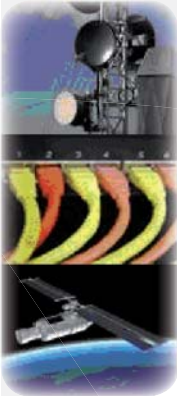
Novasis Ingegneria's offices and laboratories are located in a directional building in a strategic position bound Torino, well linked to the town and its round ways. In this offices reside directional dept, administrative dept, sales dept, logistics and HR dept.

The company has got a 500 mq industrial shed used for big experiments and prototypal vehicles and machineries hosting.



Activity Areas

Novasis Ingegneria designs, prototypes, realizes products and systems in different fields, applying the most modern technologies, and experimenting the results



Telecommunications

Testing, validation
Obsolescence / cost reduction of telecommunication systems, wired or wireless
Test systems realization for base band apparatus, IF and RF physical and protocol layer
Verilog /VHDL code synthesis, analysis and simulation for FPGA (ProAsic and pSOC)
Altera, Xilinx, Cypress
Fw for communication protocols
RF and digital measurements

Automotive

Electronic design/integration
Firmware and software for CAN, Flexray and LIN communication
FIAT, GM, PSA and ministerial homologation
Physical layer, functional, stress and life validations
EMI / termovibrational tests with experiments setup
Embedded Real-Time fw
Fw validations (CMMI3 std)
System & integration engineering
LF, RF and power hw design
Risk analysis / functional safety



Transportation

DC and AC LF hardware
Rail circuit, hardware analysis
Real-Time Firmware developing in VxWorks/Workbench, validation, Rapid Prototyping
Communication and measurement systems
Risk analysis and functional safety (SIL Classification)



AeroSpazce-Defence

Test systems
PCB routing at specified impedance, microwave circuits
Custom antenna design and validation
LF and RF apparatus, DSP control
Flyback power supplier
RAMT analysis, Risk analysis and functional safety
C, C++ and ADA firmware development
Custom software realization



Industria-Elettronica di prodotto

Automatic systems for functional test
Imaging systems
Hardware and firmware design
Products homologation for international markets
High volume products supply with productinal management MRP2
logistic and advanced Web

