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Winit is a young and dynamic Company specialising in the integrated development of products in diverse industrial sectors.

The experience and synergy of the Group allows the offer of a "turnkey" service to clients starting from inception up to the delivery of the complete product and ready for marketing.

It is for this reason that the Group is composed of 3 divisions which operate in constant synergy with each other:

- Mechanical dedicated to industrial design and engineering
- **Electronics** dedicated to hardware and software design
- Manufacture and testing

Over the years, the Group has acquired development skills in various industrial sectors: from electro-medical to aesthetic equipment, electronic devices, telecommunications, security, smarthome technology, domestic appliances to fitness machines, automotive components and mechanical engineering.

## **Products and Services**

The **Mechanical Division** develops the **aesthetic part of the product** in conjunction with the hardware and software functional specifications studied by other areas and shared with the client. The analysis of the specifications is the point of departure for the creation of a **"functional design"**; in the subsequent stages of engineering the concept is developed by defining the product's tri-dimensional mathematics and all its parts in line with what will be the production technologies. The Group is equipped with a machine workshop for the production of last generation **prototypes and pre-series** for the testing of every phase of the development process. Over the years, the Group has developed consolidated international synergies to support the client even in the phases of **production series** of **plastic** and **aluminium** parts.

The **Electronics Division** offers optimised design solutions and a unique set of high-performance products and projects basing its growing success on **knowledge**, on **experience and technical capacity** of the people it employs. This knowledge-base is always kept up-to-date and fresh through continuous and high investment in research and development activities.







The division enjoys close collaboration with universities and centres of development, proposing **research projects** and internally hosting graduate students and researchers. It is capable of providing management and support for all the main phases of a project, from planning to development through high quality services, making use of high preparation in **electronics** and in **ICT.** The division possesses the necessary creativity, experience and technical knowledge, so that the product is **optimised** for the **production processes** and meets the objectives that are shared with the client, in particular for services, the **cost of manufacturing** and the **time to market.** The **fields of experience** are multiple: HW design of microcontroller and microprocessor systems, from single core to quad core, PLD and FPGA design in the environments of major suppliers such as Altrea, Xilinx and Microsemi, SW-based design, from Linux kernel hacking to BSP development and device drivers, the development of application software, from Web Application to Java and Javascript applications, to mobile Apps for iOS and Android.

**Manufacture and testing** operates in **concurrent engineering** with the mechanical and electronics divisions (DFM, DFT); it optimises product cost by choosing the appropriate production flows related to the individual project and manages obsolescence. It can develop **any** automatic **functional test** to verify the correct functionality of the chip, test development occurs through a **proprietary software platform** (CAT). Employees in the division are highly specialised and have thirty years of experience in the field of production and testing of electronic systems. The division is able to support the client **post-sale** by taking care of the repairs of systems even after these have reached phase-out.

All the divisions work in constant **synergy** in order to give the client an **integrated** and **highly-qualified** service aimed at the development of **innovative products** with high technological content.

Winit offers itself as a flexible interlocutor in order to follow all the development processes or part of them, in synergy with the specific needs of the client Choosing Winit means relying on a **trusted partner** who is **fast**, efficient and constantly listening; a company that can offer a wide range of skills and can interpenetrate in order to respond to the **particular requirements** of each client. Thanks to its articulated nature, it is capable of offering a wideranging strategic vision that covers the **entire process** from design to manufacturing and which supports the client even where the client requires sectoral knowledge and cutting-edge materials.

Choosing Winit means relying on a Company that is capable of accompanying the producer from the first steps up to the full realisation of the project with the guarantee of ongoing and competent support that offers **quality, punctuality, precision** and which knows how to adapt to any creative challenge.





Elettromedical



**Electronic devices** 



Beauty



**Telecommunications** 



Security





## **Home Automation**



## **Appliances**



Fitness Machines



Components Automotive



**Mechanical Engineering** 



