

company profile



Digitax
AUTOMOTIVE ELECTRONICS



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Our Company

For over 25 years, Digitax Automotive Electronics is the worldwide leader in automotive computing through the design, production and marketing of on board devices for vehicles aimed for commercial, public and professional transport of people and goods; at the moment its products can be divided in the following sectors:

- Infomobility solutions
- Mobile data terminal
- Telematic black boxes
- Vehiculars PCs
- Taximeters and on board peripherals

With its central headquarter in middle Italy, on the Adriatic coast, five operative sites in **Germany, Mauritius Island, Holland, Spain and United Kingdom**, and a wide network of distributors in 65 Countries, the Company presents a really global action ray. It can boast over one million installations over the years in various transport and applications and types of vehicles.

The application in which Digitax Automotive Electronics solution and devices are concerned are the most varied application sector, such as the Public Transport, Multiservices, Taxis, Emergency and Aid vehicles, Police, Rail Transport and Commercial Vehicles.

The common characteristic element of all the range of Digitax products is their high quality and reliability, reached thanks to consolidated procedure of checks and tests on 100% of the semi-finished and finished products.

The professional team at Digitax is strongly integrated and flexible. This way a high company resource sharing and intrafunctional communication is guaranteed, both in know how and technical instruments terms;

further to the continuous integration of the customer in this process, from the development phase of the project.

All the above allows the creation and development of highly reliable and efficient solutions.

The Company is ISO 9001 certified for a long time, with recent update to the Vision 2000.



The Building

• A glazed office looking out to the future

Digitax Automotive Electronics, is a multinational company who's core business is based on innovation, applied design and the production of high tech equipment. Our new headquarters reflect the same philosophy. The highest care dedicated to project and design, the highest professionalism, and efficiency of production, where the key elements requirements given to the designer to create of a building able to represent both our needs and our identity.

The Digitax Automotive Electronics building is located in Portorecanati, in the Marche region of Italy. The building is on a 4500 square meter site in an expansion zone just out side the town that gives us scope to grow in the future.

• The building

Offices are enclosed in a high tech structure. The building is especially designed with large aluminium frames and expansive solar efficient glass to let natural light flood into all areas of the building

The production area is a large bright airy space at the centre of the building with direct easy access to the open plan store house at the rear of the building which allows optimal running both facilities.

Roofing is composed of special prefabricated tiles which keep the building cool in the summer and warm in the winter. In the centre of the roof structure is a big glass skylight that can be opened for the ventilation and provides natural lighting for the indoor garden inside the foyer. The offices on the ground and first floor face onto the indoor garden.

• The interior layout

The organization of spaces is designed to guarantee integration of the day to day activities of the company.

The division of the working areas and their dimensions reflects the needs of the production. Also the connection between the administration, commercial offices and the storerooms are direct, every part of the building has easy access. The Directors Offices are on the first floor, next to demonstration rooms and visitor's dining room .

On the ground floor there are Administration, Project planning and Commercial offices, all linked with laboratories for product testing. The showroom is located in the reception area, where it is possible to see our full product range is on show.



Our Products

4GMCU

The new Digitax 4GMCU, is an highly advanced technological and compact solution, similarly to the 3GMDT+ but without the integrated TFT display. This allows "discreet" positioning inside of the vehicle, making it completely invisible after installed.



Force One Taximeter

The power of the main 400 Mhz CPU and the advantage of the secondary RISC CPU for taximeter intensive task, the high memory capacity for user applications & data storage, makes the Force One the state of the art and most powerful Taximeter.



M1 Mirror Taximeter

Electronic Mirror Taximeter, printer capable, 64 fully independent and smart tariffs automatically managed by time, date, distance, fare amount; self-powered clock/calendar, 45 counters for driver's and owner's accountancy, fully programmable, memory.



F1 Plus Taximeter

Electronic taximeter, printer capable, 64 fully independent and smart tariffs automatically managed by time, date, distance, fare amount; self-powered clock/calendar, 45 counters for driver's and owner's accountancy, fully programmable, memory buffer.



F3 Plus Taximeter

Low cost electronic taximeter integrated with a thermal printer, 32 fully independent and smart tariffs automatically managed by time, date, distance, fare amount; self-powered clock/calendar, independent EXTRAS, 7 counters for accountancy, fully programmable.





Nitro +

The Nitro + is integrated portable terminal, built with the characteristics of automotive products and further strengthened “rugged” notebook for its practice management. Ideal for outdoor applications, fleet management and workforce management. Nitro + is equipped with GPRS / HDPSSA, GPS, memory, sound, touch screen, biometric reader, camera.



X-One

The Xone MDT is an All-In-One device including all the features of the Force One MDT and the advantage of a professional 7” WVGA 800x480 TFT Display with Touch Screen. The rich set of communication peripherals makes the Xone a perfect solution for fleet management applications and data dispatching. Taximeter Module (Option)



Force One MDT

Thanks to the integrated GSM/GPRS modem, this flavour of the Digitax Force One is intended for tracking, security and dispatching purposes. It also includes Taximeter and Navigation like other versions. Specially designed for future oriented taxi companies



3GMDT +

The 3GMDT+ is an All-In-One rugged mobile computer, intended to provide all the functionality needed for fleet dispatch and management. This MDTI includes the most advanced characteristics needed in the automotive field, and it is compliant with all the peripherals and interfaces.

FORCE ONE NAVIGATOR



X-One Plus



X-One Plus ip67



2014 EVOLUTION



LT805 · 1981



LT805S · 1982



ET807 · 1984



ET806 · 1985



ET807E · 1986



Printer 2 · 1996



F2 · 1998



F3 · 2000



MDT · 2002



F1 · 2002



F3 PLUS · 2002



G14 · 2003



3GMDT · 2004



G14 · 2005



CarPC · 2006



3GMCU · 2007



InDash MCU · 2007



4GMCU · 2008



Printer TRE · 2008



FORCE ONE · 2008



X-One · 2009



G14CE · 2010



NITRO+ · 2010



4GMCU+ · 2010



Digitax Special Projects: **NITRO +**



Rugged Tabled PC

The Nitro + is integrated portable terminal, built with the characteristics of automotive products and further strengthened “rugged” no-tablet for its practice management. Ideal for outdoor applications, fleet management and workforce management. Nitro + is equipped with GPRS / HDPSA, GPS, memory, sound, touch screen, biometric reader, camera.



M2 Display



Docking Station



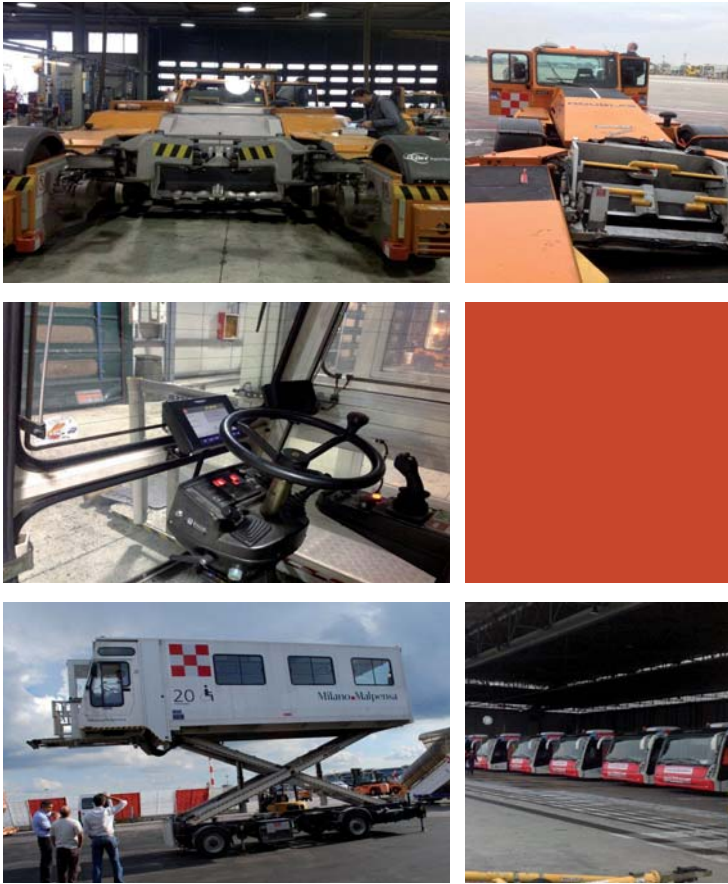
Color Camera High Definition
1.3 Megapixel Embedded

InDash MCU

The InDash MCU is a microprocessor based multifunctional electronic device. It has an extractable touch-screen 7” TFT display which allows connection to every kind of mobile computer. Moreover, thank’s to the integrated GSM/ GPRS modem and GPS receiver, it can be used for many purposes including fleet management and dispatching.



X-One Plus ip67



Printer TRE Basic



Printer TRE Full



Deriv Box



Dallas Button



Contactless Card Reader



Magnetic Card Reader



K-Line Sniffer Box



Steering wheel remote control



Infrared Passenger Sensor



M2 Display



Nitro+ Docking Station



Battery Pack for 3GMDT

Digitax Accessories

Research & Developer

Innovative Evolution

Innovation and the research are key points for Digitax Automotive Electronics. Thanks to forward thinking needs, we can be ahead of time with a technologically advanced products, focused on customers requirements. We understand the customer's needs, and offer versatile, technologically advanced, esthetically pleasant and simple-use products.

Our project team is composed of engineers and high qualified technicians constantly involved in updating and training, to guarantee a team of technicians ables to research in to and use all developments and innovations which the modern technology offer.

With an entire specialised team in each sector, Digitax is able to follow the whole path of realization of the product, starting from the market study in which the product must be introduced, through the creation and the development, till the prototyping, the production and the marketing.

In this way it's possible to follow and study each step of the way making higher quality products in respect of the rigorous specific regulations of the Automotive sector, like the Certification ENI, EMC, climate certification, vibration and R&TTE.

Every Digitax product passes trough these steps:

- **Electronical and Mechanical**
- **Software Development**
- **Marketing and Publishing**
- **Production Department**

Mechanical Design

The advanced mechanics sector allows high quality level planning, product engineering and designing. Electrical and structural components are studied completely to satisfy the standards of Automotive sector, from the study of the material required to the ergonomics of the product, thanks to modern projecting instruments CAD 3D. Furthermore, the access to advanced technologies for the rapid prototyping used in Digitax allows reduction of time to realise the final product leaving it uncompromised.

Software development

Digitax is proud to have been awarded the qualification of Microsoft Certified Partner and awarded Microsoft Mobility Solution.

Digitax also participates in the Windows Embedded Programm.

We are also proud to support our customer in developments,

changes in requirements and the introduction of new custom devices.

Team spirit and high competence of the engineers allow the realization of any type of requirement in any types of development field, from the machine language to the most recent .Net language through C, C++ and similar.

Communication:Marketing & Publishing

“Advertising is the soul of the commerce” – has long been the philosophy of Digitax, we have decided to make use of marketing and graphic ability of professionals in the fields to produce “on-demand” advertising campaigns, poster designing, brochures, technical handbook, web site and web content and multimedial presentations.

Manufacturing



Production Department

The Producing area, employs workers that are able and highly qualified; this plays a dominant role in assembly, start up and the final configuration of the products.

Equipment and advanced machinery is used in the production process, this fully supports the production team in the best way possible.

The automated organization of the production area, from the assembly of each single unit to the completion of engineering studies, allowing us to reach very high quality standard in production and reduction of time to produce final product.

Complete aftersales service also available, with the objective of solving any technical, mechanical and operational problems.



Quality Control



Digitax's products are made completely "in house", starting from the assembly, the soldering of the components with SMD and discrete technologies. Parameter and burn tests are also made, in addition to functional tests on halfway through production and on the final product. This is done on the 100% of the units produced; which assures absolute quality and reliability, prerequisite in "Automotive" applications.

All the products have received e-mark certification, standard of reference in sector. The Company is also certificated ISO 9001:2000.





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