

Electronic Design and Manufacturing

Your electronics partner, in the
very heart of Europe.

Created in 1987 by Mr Roland Vertongen, this small family-owned business has never ceased growing.

In order to better serve its customers, **DVC** moved to new premises in Forest in 1999, this new location allows for further modernization and the implantation of high precision technological tools.

In 2004, Marc Vertongen, electro-technical civil engineer takes the lead.

The Research and Development engineer team expands, perpetuating the core values of **DVC**, which are :

- Quality
- Competitiveness
- Customer awareness
- Reactivity
- Flexibility

From the very first contact, **DVC** will completely focus on your demands and will provide innovative solutions for your projects, this will enable you to distinguish yourself from competition.

DVC differentiates itself by offering a tailor-made service. From a basic idea or from specifications, **DVC** will take on the responsibility of the feasibility study, the elaboration of the electronic schematics, the selection of components, the conception of the product, the microcontrollers programming, programmable logics, mechanical parts drawing.

During the development phase, in order to insure an optimized and rational production, the method of production and product testing are taken into account. A certification coordination performed by a qualified laboratory is also an option.

DVC fulfills your demands for circuit lay-outs (PCB), prototypes, tropicalisation (coating), the industrialization of your production, 19" rack integration, potting, keyboard (system configuration), cabling, packing,...

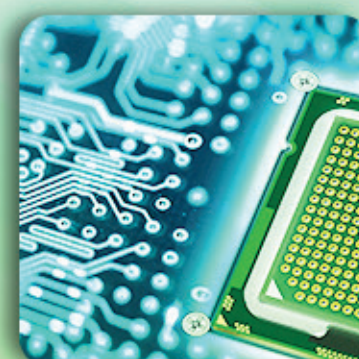
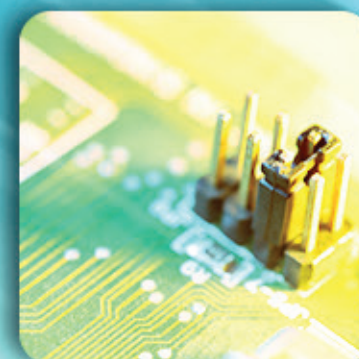
All of this "Made in Belgium" thanks to extremely high performing production tools : automated production lines (SMD), RoHS wave soldering, testing equipment (internally designed). The production traceability is totally preserved, insuring a constant optimization and continuous improvement of your products.

The general and specific skills, furthering the electronic domain, allow **DVC** to respond to various requests from very different sectors : medical sector, industrial, energy sector, household/domestic products...

Based on this methodology and our expertise, **DVC** guarantees excellent quality worthy of the name.

DVC is proud to include, amongst its clients, such companies as RENSON, IBA, JAGA, JAC, VASCO.

Please feel free to contact our young and dynamic team for any of your queries.



dvc

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contact us

visit our website

skills

applications

Energy

Cell Voltage Monitoring { CVM }
Overvoltage protections
Very low power applications

Automotive

Telescopic mast systems { indus +military }
CAN Systems
Battery chargers
Cabin ventilation

Industrial and agro-food systems

Chicken/cattle food distributors
Band transportation systems
Vibration transport
Bakery control systems
Anti corrosion systems
Systems for solar panels
Valuables protection : anti burglar systems
Opacifiers systems
Security management / UPS
Binding systems – stationery items

Ventilation systems

Laboratory hoods
Cooker Hoods
Stoves
Cleanrooms
recovery device
Room ventilation
Low temperature radiator controllers

Medical

Proton Therapy racks
Drugstore equipment
Rehabilitation equipment

Programming

Microcontroller 8 / 32 bits
PC/Linux/Mac development : Java/JEE, SQL
• Web development : HTML, PHP, JavaScript
• Mobile development for Android
• RTOS Real time system

Communication : wired

RS485 (Modbus, DNX...), USB, ETHERNET, CAN, POWERLINE, ...

Communication : RF

Zigbee, Blue Tooth, RFID, GPS-GPRS, WIFI, CUSTOM
434 Mhz, 868 Mhz, 2,4 Ghz

Communication : OPTICAL

InfraRed (RC5, RC6, ...)

Sensors

CO2
Temperature, also airflow measurement
Pressure
RH
Optical
Acoustic
Current, voltage
Magnetic and Electrical Field

HMI

Capacitive Keyboards
Membrane Switches
Keyboards
Remote Controls
Graphical Displays
Development GUI (Graphic User Interface)

Actuators / motors

Brushed DC with or without encoder
Brushless DC, silent high efficiency
Stepper motors
Shaded pole
Synchronous

Housing + cables

Design / machining / cable assembly, confection / enclosures and racks

Others

Sensorless airflow and pressure by modelisation
Battery Chargers
Anodic corrosion protection
GPS / GPRS
PCB design / layout / assembly
EMS (Electronic Manufacturing Services)
Designhouse – development

contact us

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