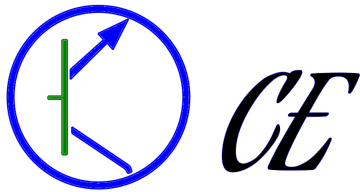# Chrysalide Engineering

Electrical design, engineering and services company

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Chrysalide Engineering
SASU with a capital of 3000 €
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Chrysalide Engineering is a independant consultant and engineering company providing expertise, studies, design and fabrication of in the electrotechnic domains, from prototype to validation and serial production as well as embedded and software solutions

Contents

1 Activities

- Electrotechnic and automation solutions
- Instrumentation, distribution, conversion, control
- Electronics and embedded devices
- Custom development including firmware and software
- Electrical panels assembly
- Custom circuitry and printed circuit boards
- Prototypes
- Small series

2 General engineering capabilities

- Front-end engineering
- Project management
- Technical support and expertise
- Preliminary studies and design
- Project management
- Wiring diagrams and part list
- C and C++ software and firmware
- Engineering documentation
- Support for commissioning
- On-site training and service

3 Electrical and electronic development capabilities

- Accessory and modules
- Fully embedded devices
- Analog and digital signals
- Microcontroller firmware (C and C++)
- ARM, Atmel, ESP32, Microchip

4 Facilities

- Electric and electronic equipment
- Numeric mill machine for prototyping
- Equipment for analog and digital development
- Equipment for remote communication development

5   Typical supply

- Electrical cabinets
- Wiring diagrams
- Part list
- Design specification
- Program source code
- Manuals
- Layout drawings

6   Project phases

- Input data, principle schematic, specifications
- Preparation of preliminary design data (schematic, functional diagram)
- Specifications (electrical, serial protocol, mechanical)
- Customer approval
- Details electrical diagrams and drawings
- Tests, settings
- Customer acceptance tests, delivery