



TURNKEY SERVICES

FROM CONCEPT TO MARKET

R&D - CONSULTING - EXPERTISE - REVERSE ENGINEERING

DIVSYS, branch of ICAPE-GROUP, acts as the link that **bridges the customer's ideas to a full-fledged design from prototype to series production.**

DIVSYS gathers experts from all the fields that a turnkey product requires!
All-in-one supply chain organization under one roof!



R&D

- Electronic Design
- Software Design
- Mechanical Design
- System Integration
- Proof Of Concept
- Prototype

INDUSTRIALIZATION

- DFM
- Purchases
- Tooling
- Samples
- Tests / Certifications

PRODUCTION

- Raw Material Purchasing
- Setting & Parameters
- 1st Parts Control (FAI)
- Ramp Up
- Production Series
- Quality Control
- Packing / Shipping

What does DIVSYS do?



RESEARCH & DEVELOPMENT

- **Electronic**
 - Analog & digital electronic design
 - Microprocessor and microcontroller
 - Telecommunications
 - Protocols
 - Autonomous Embedded System (IoT)
 - Optronics, Artificial intelligence
 - Power up to 5 KW
- **Software Development**
 - Real-time C/C++
 - Shell Unix/Linux scripting
 - HTML, PHP web
 - Signal processing (Radio, image, sound)
- **Robotics**
 - Linear and non-linear controls
 - Servo Motors, stepper motors, actuators mgmt
 - Inertial units design
 - Digital Signal Processing, GPS, GNSS
- **Mechanical**
 - Mechanical design
 - Architecture and integration

CONSULTING/EXPERTISE

- **Project management**
 - Communication
 - Global chip shortage
 - One preferred contact
- **Certification/Norm**
 - CEM, CE, UL, LVD, etc.
- **Technical expertise**
 - Design, quality, robustness, industrialization, etc.
- **Applied mathematics**
 - Matrix calculation
 - Digital sampling
 - Finite, infinite impulse response filter
 - Signal theory

REVERSE ENGINEERING

- **PCB/PCBA**
 - Analog, Digital, RF
- **Manufacturing files**
 - Gerber
 - Schematics
 - BOM
 - Optimization
- **Mechanical**
 - Silicone, keypads,
 - Plastic, metal parts

