COMPANIES NEED FORESIGHT, INNOVATION & VELOCITY IN ORDER TO DEAL WITH MARKET DISRUPTION.

TECHNOLOGY IS CHANGING THE WORLD.
IDNEO IS AN EXPERIENCED DESIGN, ENGINEERING and MANUFACTURING FIRM.

WE SUPPORT CUSTOMERS IN TRANSFORMING THEIR BUSINESS BY MEANS OF CROSS-SECTOR TECHNOLOGIES.
ABOUT US

Consolidated Market Experience
Over 400 Employees
Full Service Value Proposition
Technology & Innovation Partner
Global Services EU, US, Asia
ISO-9001
IATF 16949
ISO-17025
ISO-13485
SPICE, ISO/IEC 15504
GLOBAL PRESENCE

- **California, US**: Engineering Services
- **Málaga, Spain**: Engineering Services
- **Barcelona, Spain**: Headquarters
- **Malaysia**: Production Plant
- **China**: Production Plant

FOOTPRINT | GLOBAL PRESENCE

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**BUSINESS MODELS**

**01 ENGINEERING SERVICES**
Providing engineering services such as turn-key or in-house, covering and completing customer requirements.

**02 CUSTOMISED PRODUCT**
From the concept design phase right up to manufacturing, as well as the complete product development, validation and certification.

**03 SYSTEM SOLUTIONS**
System definition and solution assessment: product development vs off-the-shelf. Own off-the-shelf products.
ONE-STOP PARTNER

Innovation Strategy
- Find the gap
- Define the solution
- New Business Models

Product & Service Design
- Industrial Design
- User Interface
- User Experience
- 3D printing

Development
- Cybersecurity
- Safety
- HW / SW / Mecha
- Audio / HMI / Vision / Thermal / Fluidics / Lighting

Validation & Certification
- Functionality
- Reliability
- Pre-compliance
- Certification
  (ENAC & OEM certified)

Manufacturing
- Additive Manufacturing
- Global service
- EMS - Assembly
- Testing - Logistics
  (OEM audited)

Services
- Servitization
- Data Analytics
- After market

POSSIBILITY TO SELECT SERVICES TO SUIT YOUR COMPANY NEEDS
**SERVICE MODELS**

**SPECIALIZED TEAM**

Part of our engineers/teams are located within client's installations.

Flexibility and autonomy. Quick plug & play support.

**EXTENDED LAB**

We allocate the engineers required within the client’s company in order to understand accordingly they core needs.

Efficiency taking advantage of Idneo know-how.

**TURN KEY**

Project developed in Idneo’s facilities based on client’s timings and requirements.

Autonomy with control and report: quality, costs and customer satisfaction.
OUR TECHNOLOGIES

CAMERA IMAGE ANALYSIS
Cameras & Computer Vision
Diagnostics Algorithms
Lightning & Guidelights
Optical design & Simulation
Video and Audio Applications

THERMAL SYSTEMS
Cooling Application
Heating Systems
Colorimetry
Temperature Control & Sensing

AUTOMATION & MECHANICAL DESIGN
Static & Automated System / Components
Sample Agitation & Preparation
Reagent Management & Carrousels
Switchpacks

HMI
Interaction Human-Machine
Capacitive / Resistive / Haptics
User Interface Applications (IOS, Android)
PC & Remote System Applications

FLUIDICS & PUMPING
System solutions
Microfluidics
Pumps and sensors. Liquid handling

CONTROL SYSTEMS
DC & BLDC motor control
SCR systems – Seat ECU
XYZ arms
Drivers & Power electronics

POWER ELECTRONICS
Batteries & Battery management
Chargers / Inductive charging
Power supplies
Power electronics

CONNECTIVITY
RF design and simulation
CAN, LIN, LIS, Flex-ray, Ethernet
GSM/GPRS, UMTS, LTE, GPS
BL, BLE, Zig-bee, WiFi
OUR MARKETS

MOBILITY

MEDTECH

INDUSTRIAL
OUR MARKETS | MOBILITY

- control systems
- vision systems
- connectivity & in vehicle infotainment
CONTROL SYSTEMS

Powertrain, chassis & active safety, body and comfort

- Mechatronics business transformation
- Complement advanced Engineering
- Robust development process
VISION SYSTEMS

ADAS / Passive Safety

Advanced solutions

Demo tools and prototype samples
OUR MARKETS | VISION SYSTEMS

ADAS / Passive Safety

Advanced solutions
Demo tools and prototype samples
INFOTAINMENT

Driver information and connectivity

- Existing solutions integration through system approach
- Demo tools and prototype samples
digital diagnostics and monitoring
OUR MARKETS | MEDICAL DEVICES

Connected Digital Devices for Clinical Decision-Making

- ECG/EEG/EMG
- Patient Monitoring
- Audiometry and Ophthalmology
- Nephrology and Drug Delivery
IN VITRO DIAGNOSTICS

Sample Management, Reagent Management, Test Automation and Interpretation

Clinical Chemistry & Immunochemistry
Molecular Diagnostics
Lab Analyzers and POC Devices
IOT SYSTEMS

We make visible anywhere, any information from a machine, a vehicle or a process, through our own platforms and products.

- SMART HEAVY MACHINERY
- DESIGN INTEGRATED PRODUCTS
- VEHICLE COMMUNICATION
- REMOTE MONITORING AND MANAGEMENT
OUR MARKETS |

POWER ELECTRONICS

Specific hardware to manage a rechargeable battery.

With a high quality performance, communication, positioning and cloud connection

- ePOWER MANAGEMENT
- SYSTEM COMMUNICATION
- BATTERY OPTIMIZATION
OUR INNOVATION AND DESIGN STUDIO
THE SMART PILL CUP.
From the idea to the prototype

This gadget was the outcome of a design thinking workshop. We converged that a good way to increase adherence among polimedicated people was the creation of a smart pill cup with a complementary mobile application.

The cup has different compartments where the pills are stored. The app alerts when the pill has to be taken, enabling the rotary system to spin and drink the water with the pill at the same time.
own laboratory accredited according ISO - 17025

1. Functional testing verification
2. Legal compliance requirements:
   Test and consultancy
3. Product reliability requirements

Consumer electronics products
Automotive components
Home appliances
MedTech
Industrial equipment
MANUFACTURING

flexible and high quality manufacturing with presence in all markets

worldwide EMS partners
WE MAKE YOUR PROJECT A SUCCESS
OUR CUSTOMERS |
We value the wide expertise of IDNEO in many different engineering areas, its ability to cover fully the product value chain, its high commitment to customer satisfaction and its reliability on carrying out the project successfully with a high level of quality.

Idneo understood our needs right from the beginning, not only from a technical point of view, but also in terms of project setup and collaboration models. They worked very closely with our internal team and demonstrated great skills, focusing on delivering real value. This attitude is the key to success.

“We’ve been collaborating with Idneo on a few projects up until now and so far they have become one of our main partners in the development and manufacturing of medical devices. Their employees have strong technical and project management skills and have always shown true commitment to meet the established goals.”

We value the professionalism and expertise in the integration of multiple engineering fields – from embedded software to server integration. The proactivity, commitment and knowledge of agile methodologies contribute, in a relevant way, in achieving our project goals.

“Sony recommends IDNEO and appreciates its wide multifunctional engineering team with strong commitment and ability to handle complex projects focusing on customer quality and long term reliability.”

“I am very satisfied with the collaboration with Idneo as a partner for the R&D technological projects. The project we have carried out with them, has been a complete success. From their team I would emphasize their aptitude to understand our needs, to propose effective and rapid solutions, as well as the integrity in the management of the project and the fulfillment of the agreed terms.”
WHY US?

Your full service partner

Flexible & complementary collaboration methodology

Innovation and added value focussed

Engaged team at your service
Barcelona - Headquarters
Carrer Rec de Dalt, 3,
08100 Mollet del Vallès,
Barcelona

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