O.E.M Development Group

FROM IDEA
TO PRODUCTION

ELECTRONICS & SOFTWARE
MECHANICS, SYSTEM ENGINEERING
PRODUCTION

Creative eurecom

www.creative.fr

ABOUT

Creative Eurecom brings your idea to production.

We work with companies to define, design, develop and manufacture medical devices.
We help our clients to make their idea become a final product in our sister company Crossway Technologies (part of the O.E.M. Development group).

We offer various levels of services, tailored to the needs of our clients, throughout the whole product life cycle from its conception to its manufacturing.
Dependent on the requirements, we are able to manage the end-to-end development process or focus on part of it.

Our clients range from large international companies to MedTech start-ups.

Founded in 1988, we continue to value :
- a strong culture of innovation,
- a unique agility in project management
- and an interdisciplinary expertise in complex software, electronics and mechanical development in order to deliver turnkey medical devices.

GLOBAL SUPPORT

Our multidisciplinary team will help you with the technical, regulatory and commercial challenges of your project, end-to-end.

EXPERIENCED TEAM

We provide our expertise acquired through years of experience in industrial design, engineering and human factors in various fields to develop your medical devices.

INNOVATIVE APPROACHES

We like smart engineering solutions, beautiful products and innovation. Our team will help you overcome your technological challenges.

CERTIFIED ISO 9001 UKAS MANAGEMENT SYSTEMS 001

CERTIFIED ISO 13485 UKAS MANAGEMENT SYSTEMS 001

Developing next generation medical products.

FROM IDEA TO PRODUCTION

ELECTRONICS & SOFTWARE

- System specification and architecture definition
- Embedded medical device software development (IEC62304 medical class)
- Mobile and computer application development
- Wireless connectivity, IOT
- Analog and digital circuit design and simulation
- Battery powered electronics and software
- Programmable logic design
- Circuit board design, linked to test and manufacturing

MECHANICS

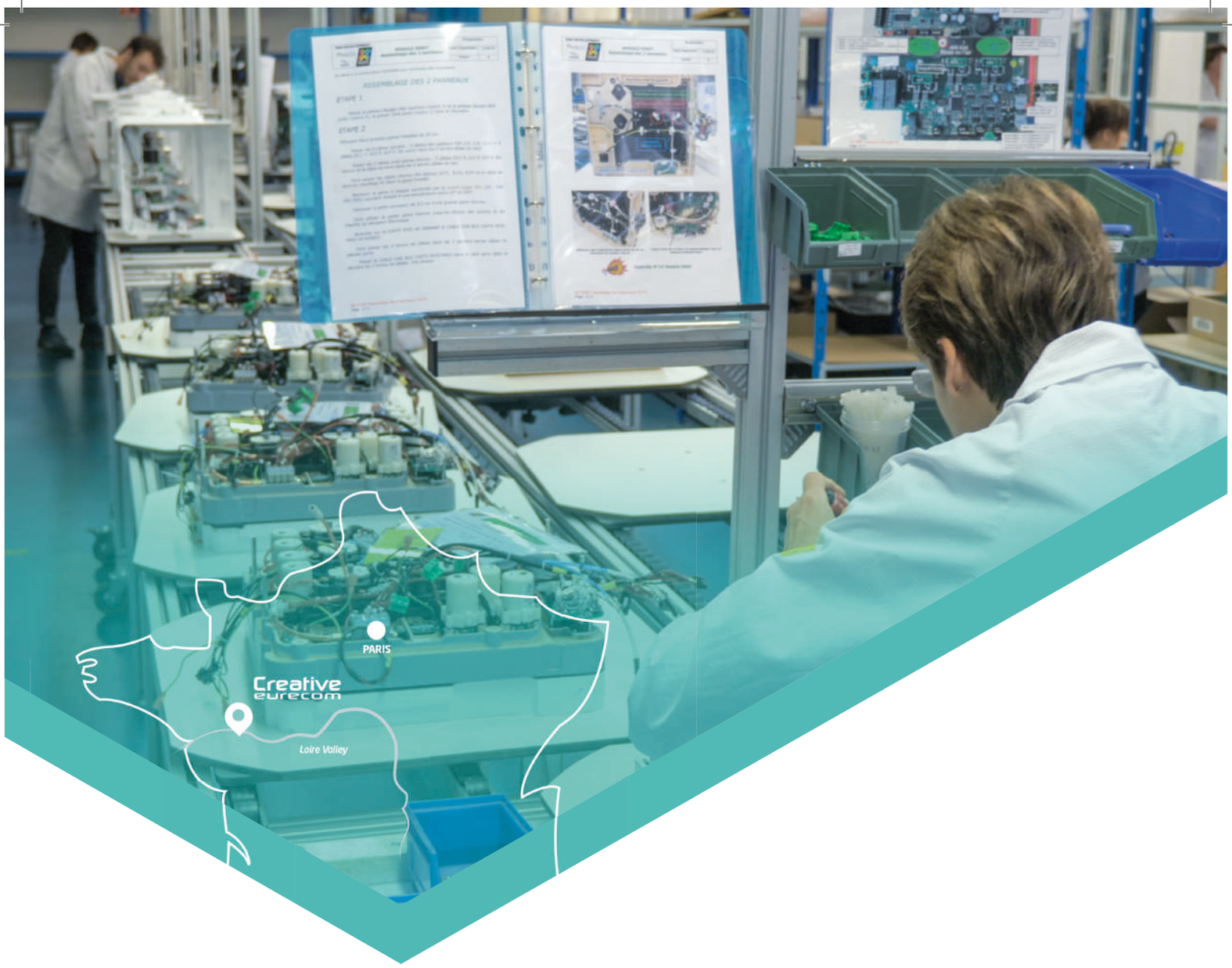
- Proof-of-concept and rapid prototyping
- Mechanism development and optimisation
- Knowledge of medical-grade materials and manufacturing processes
- Computational simulation (FEA, CFD)
- Optimized integrated mechatronics systems
- Design for manufacturing and assembly, from small quantities to large-scale production

SYSTEM ENGINEERING

- Requirements definition and management
- Integrating multiple technologies and sub-systems
- Design of fail-safe architectures, risk analysis
- Closed-loop control systems
- Micro-fluidics
- Thermal management
- Sensors, actuators and optics
- Human interfaces
- Design of complete devices and their medical disposables
- Support for medical devices regulation, normative testing
- Design verification and validation

PRODUCTION

- Electronic boards production line
- Wiring (harness)
- Assembly of mechatronics systems
- Assembly and integration of complete devices
- Design of testing equipment
- Production verification and validation



Physidia
REGENERATE YOUR LIFE

SURGIQUAL INSTITUTE

aenitis
TECHNOLOGIES

Médipréma

P&G
Procter&Gamble

airinspace
Safe Air, Better Health

GE Healthcare

MÉDICATLANTIC

ImaCisio
Du γ au β

Creative
eurecom

O.E.M Development Group

39 Boulevard de la Romanerie
49124 Saint Barthélémy d'Anjou - France

+33 241 731 818
+33 671 018 476

www.creative.fr
contact@creative.fr