

# Our expertise



## Development Strategy

R&D, regulatory & industrial strategy  
Due diligence  
Feasibility study ; Reverse engineering  
Multi-expertise project approach  
Planning & Budgeting



## Electronics

Measurements (sensors and signal processing)  
Bio sensors & Flexible electronics  
Miniaturized & low power electronics  
Wireless power supply & wireless communication  
Design of circuit board ((PCB)



## Software, Digital

Firmware : MCU / FPGA / Emb. Linux  
Mobile apps (iOS, Android)  
Web development (front / back office)  
Cloud / Security / Health data/ GDPR



## Data science

Data preparation, Data analysis  
Synthetic data generation  
Machine learning (supervised, unsupervised)



## Technical Regulatory

ISO 14971 : Risk management  
IEC 62366 : Usability  
IEC 62304 : Medical software development cycle  
IEC 60601 : Electrical safety (medical)  
IEC 61010 : Electrical safety (measurement)



## Mechanical

Mechanical design (plastics processing,  
sheet metal work, silicone)  
Mechanical and sensors integration  
Packaging  
Tooling



## UX/UI

Requirement gathering  
Ergonomics study  
PoC, prototype  
User testing (formative & summative)



## Industrialization

Design to Cost / for Test  
Pre-series & series manufacturing  
Special machines and production lines  
Shipping & support (hardware, software)