



We make everything with cognition

Overview



CogniMade was founded in 2015 leveraging on the wide experience and competence in the electronics and telecommunication field of its founders.

The start-up mission includes both IoT & Wireless products R&D and Electronic Design services.

We have the right know-how to pledge a constant and structured support and to follow the Customer across the whole product lifecycle.



Feasibility Study

for developing
new ideas and
engineering
existing/new
products

R&D

of the most
innovative smart
and disruptive
solutions

System

Design Simulation
3D-Modelling
Prototyping Testing
Maintenance along
the whole lifecycle

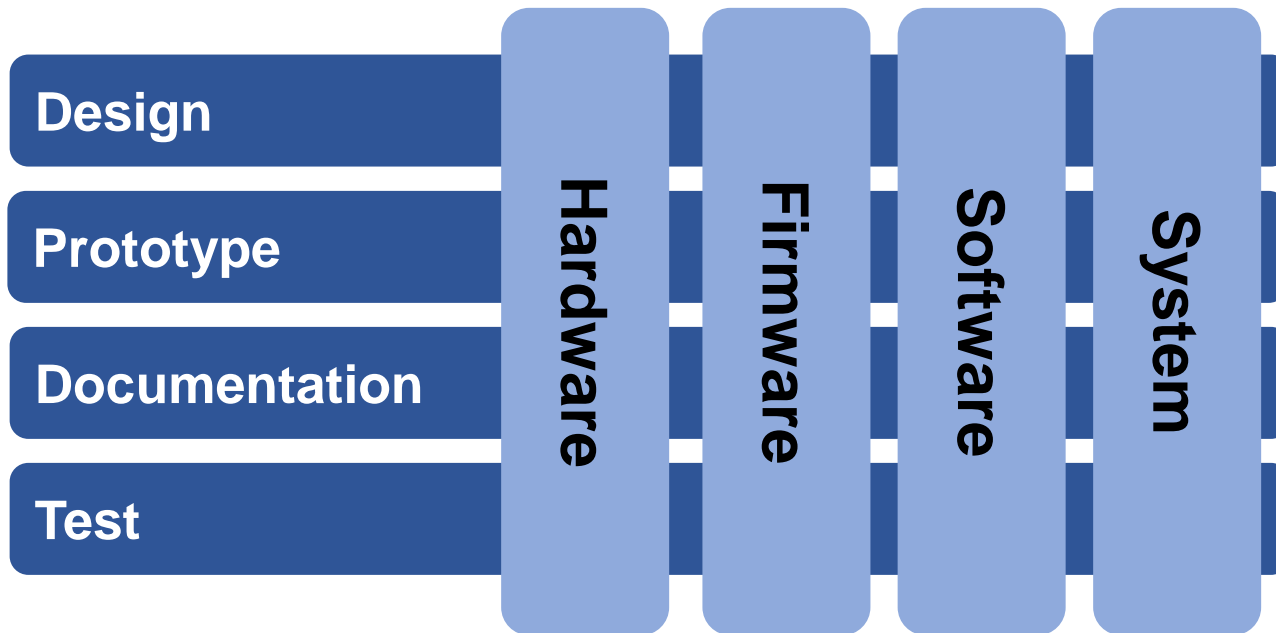
Quality

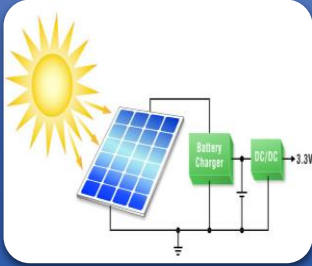
Assurance and
Documentation
according to
Standards

Competence Matrix



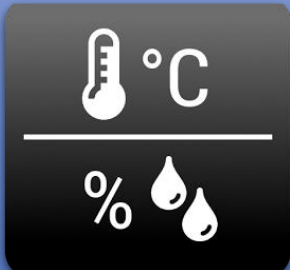
CogniMade expertise in the field of Electronics and Telecommunication Industries helps Customer to grow up through targeted choices on advanced technologies.





EnviSense Smart

- Multiple environmental sensors in a single and small box for indoor use
- Battery & solar panel power source
- Wireless connectivity
- Advanced sensors for thermal analysis & smoke detection



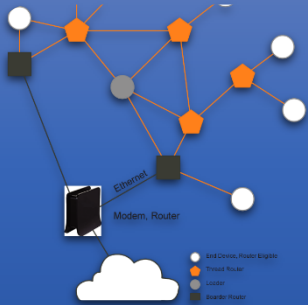
EnviSense Industrial

- 5V – 30V DC power source only
- Wireless connectivity
- RS-485 wired connectivity (with Modbus support, Bacnet & Profibus opt.)



EnviCore

- Wireless Local Area Network Gateway for Internet connectivity
- Mesh Network Border Router (IEEE 802.15.4, Bluetooth 5)
- Small Package
- Battery-backed microUSB power source



Local Area Network

- IEEE 802.15.4 Standard – 2.4 GHz
- Mesh Networks
- Low-power & long battery life
- Gateway or Border Router needed



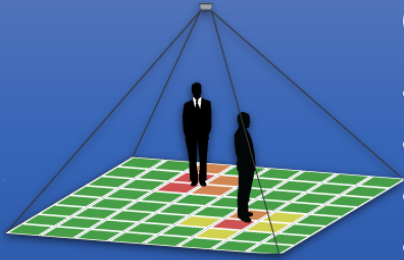
Low-Power Wide-Area Network

- Sigfox®
- LORAWan®
- Low-power & long battery life
- Cheaper than GPRS, UMTS & Radio-mobile connectivity



Bluetooth® Ready

- Customization of products for Bluetooth (2, 4.x, 5) technology
- Higher product certification cost
- Since version 5 Mesh Network is available



GridEye®

- Two-dimensional area temperature detection
- People counting
- Movements and gestures recognition
- Objects thermal analysis



Smoke detector

- Particle Sensing
- Three LEDs technology – Red, green and infra-red
- Ambient light noise suppression



Data Fusion

- Multi-sensors data analysis
- Decision-making
- Real-time on-board processing for low throughput communications



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