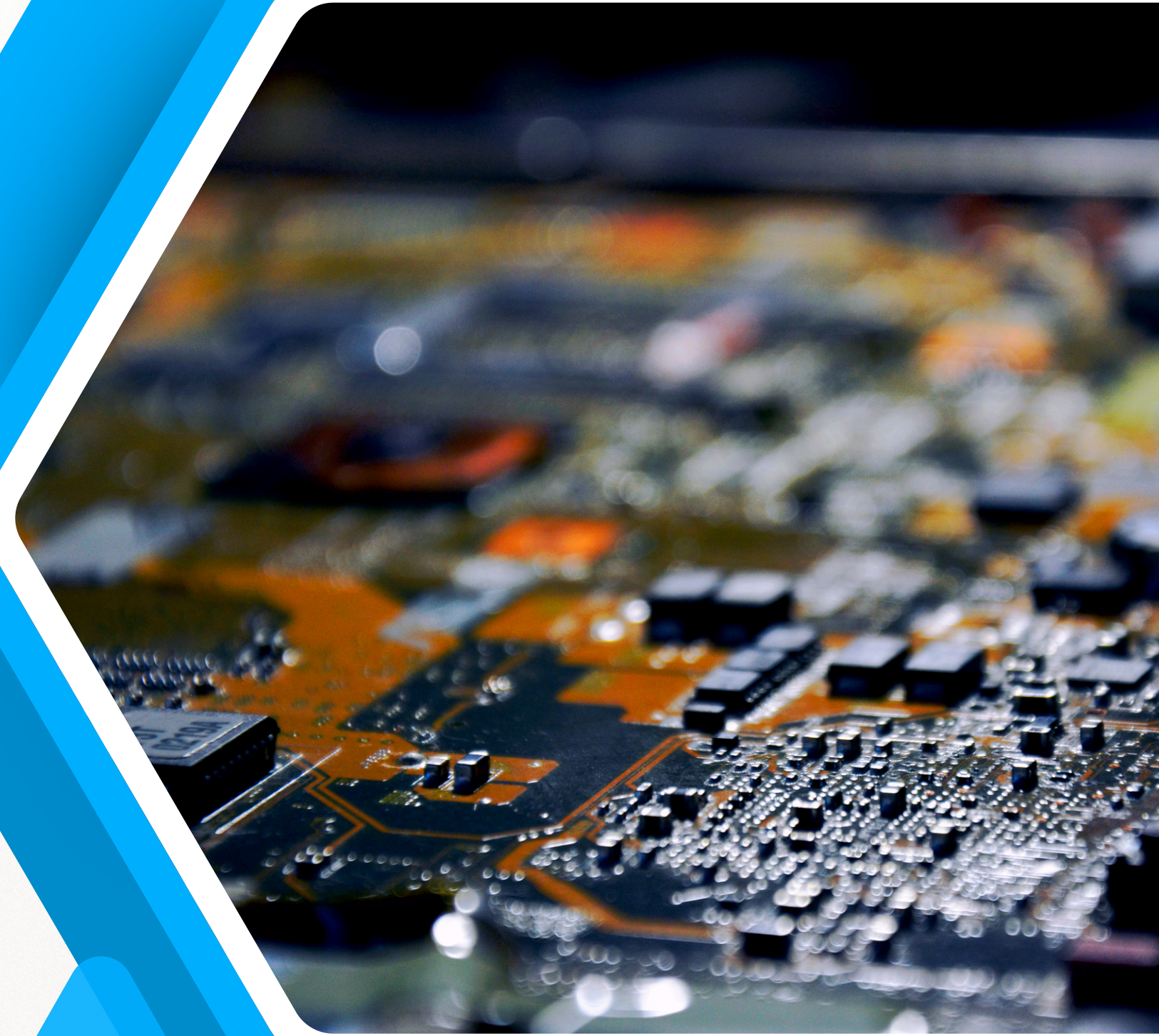


embed**Pro**
EmbedPro Ltd.

COMPANY PROFILE

www.embedpro.eu



THE COMPANY

EmbedPro Ltd. is a leading 'Concept to Manufacturing' company specializing in world-class hardware and embedded software design services. With a commitment to innovation and excellence, we transform ideas into cutting-edge products through our comprehensive expertise in design, development, and manufacturing.



VISION

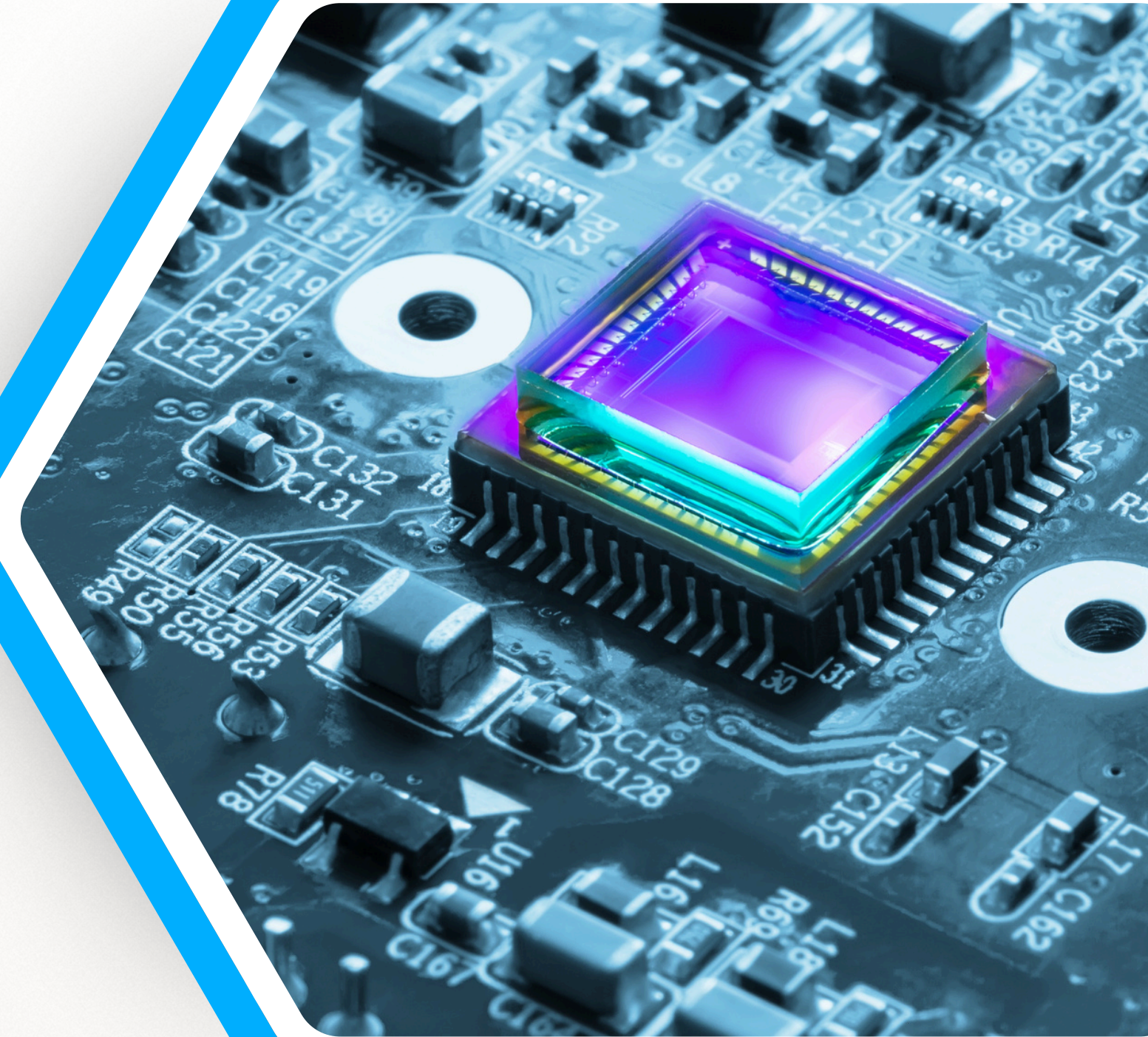
Our vision is to be the premier 'Concept to Manufacturing' company, delivering world-class hardware and embedded software design services. We strive to transform innovative ideas into cutting-edge products through our comprehensive expertise in design, development, and manufacturing. Our goal is to empower clients across various industries with customized, high-quality solutions that drive technological advancement and market success.



MISSION

Our mission is to deliver exceptional hardware and embedded software design services that transform concepts into reality. We are dedicated to providing innovative, reliable, and high-quality solutions that meet our clients' unique needs from initial concept through to full-scale manufacturing.

- ▶ High-quality outcomes
- ▶ Cutting-edge products
- ▶ Innovative solutions



MEAT OUR TEAM HEAD

My name is Gábor Hajnáczy, I am the founder and CTO of Embedpro Ltd. I have more than 20 years of active experience in hardware and embedded software development.

When I founded this company, my goal was to produce high-quality, reliable developments, products, and intellectual property with comprehensive knowledge and a wide range of know-how. We, at the EmbedPro Ltd. believe in close and long-term cooperation with our partners, as well as holding our customers' hands from the birth of the idea to production and support.



Gábor Hajnáczy
Founder&CTO

R&D SERVICES

EmbedPro Ltd. offers a comprehensive range of services designed to take your project from concept to manufacturing with exceptional quality and innovation.



Hardware development

- Schematic and layout design
- High speed PCB design
- Analog and digital circuits
- Carrier board design (COMe, SMARC, ETXe)
- Design to achieve EMC certificate

Embedded Linux

- Embedded Linux kernel porting
- Device driver development
- Linux BSP
- Yocto and Buildroot
- Bootloader porting
- Application software design

Embedded Software development

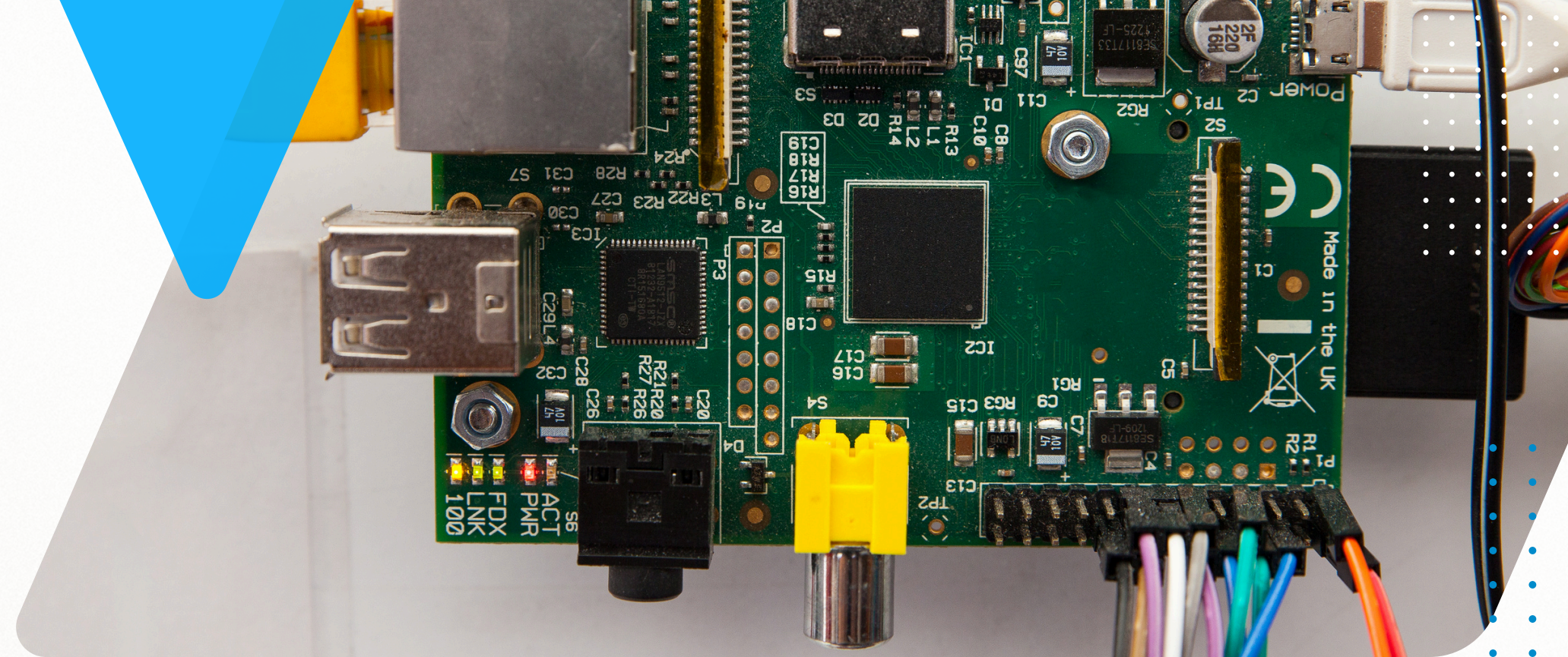
- Microcontroller programming
- Low level driver design
- Bootloader development
- Application logic development

Mechanical Engineering

- Mechanical element design
- 3D modelling
- Industrial design
- Enclosure design

R&D SERVICES

We are committed to providing tailored solutions that meet the specific needs of our clients, ensuring the highest standards of quality and innovation in every project.



Testing and certification

- EMC testing
- Validation and verification
- Preparation for CE certificate
- Documentation

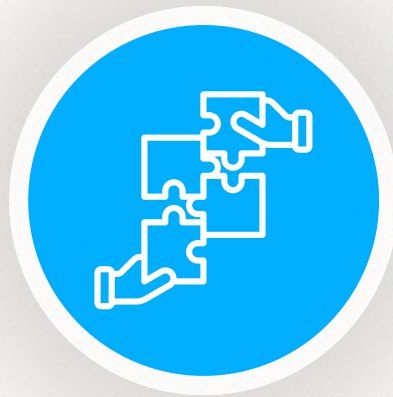
Prototyping

- MVP design
- 3D printing
- Electronic prototype
- Mechanical prototype

Thermal analysis and tests

- Thermal test
- Thermal engineering by circuit design and component selection
- Life cycle test
- Heat dissipation

PRODUCTION



Assembly

- Product assembly
- Final product testing
- Cable manufacturing
- ECU cable manufacturing



Electronic manufacturing

- PCB and component order
- PCB assembly (SMD, THT)
- Testing

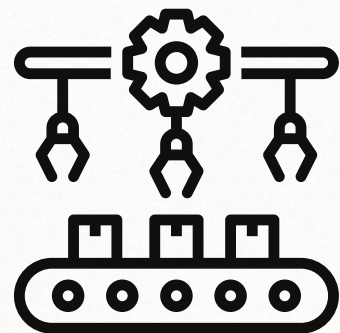


3D printing

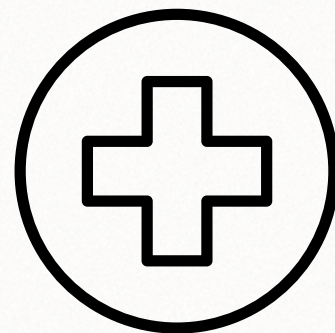
- SLA printing
- Prototype printing

INDUSTRIES

WE CREATE EMBEDDED VALUES



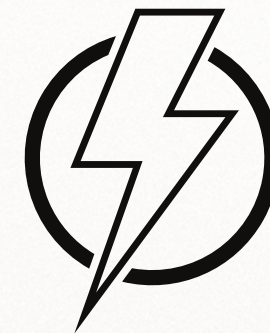
Manufacturing



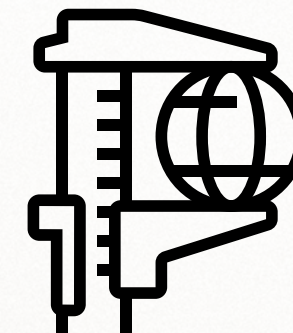
Medical



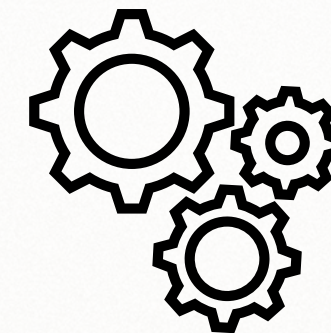
Agriculture



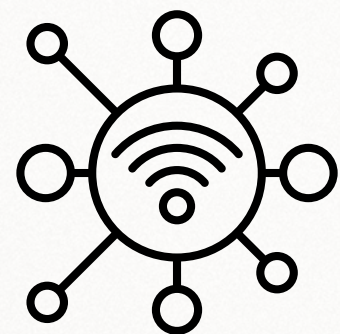
Energy



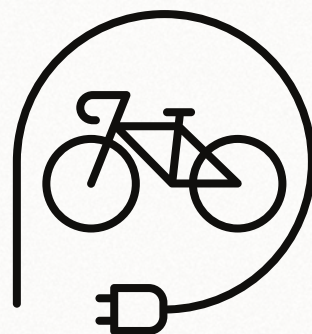
**Industrial
metrology**



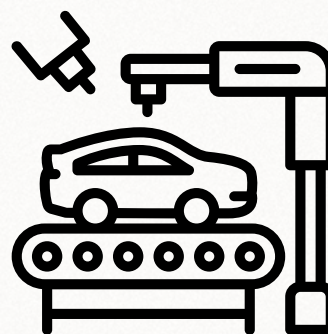
Automation



IoT/Wireless



e-Mobility



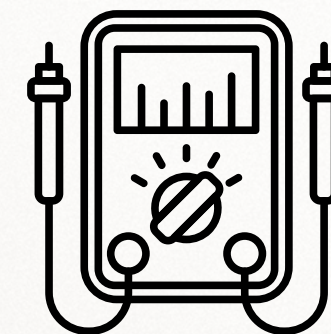
Automotive



**Digital
signage**



Oil/Gas



ICT/FCT tester

OUR PROJECTS

Medical

- Audio meter device
- Tiny Bluetooth sensor
- Muscle stimulator

Automotive

- Car window lifter
- PCB design
- Car tracking device

Energy

- Three phase power meter
- Battery pack design

Agriculture

- Agrometeorology Station
- Grain temperature monitoring

ICT/FCT tester

- FCT testing of own products
- ICT fixture and testing rack

Oil/Gas

- Oil tube corrosion detector
- Drilling hole inspection camera

IoT/Wireless

- Communication gateway
- NFC card reader for exhibitions

e-Mobility

- Bike renting system
- Bike docking station
- e-Bike controller

Industrial metrology

- Impedance meter
- Modular data collector

Digital Signage

- LED strip controller
- Uninterruptible power supply

WHY CHOOSE US?

At EmbedPro Ltd., we don't just deliver technology – we deliver trust, quality, and long-term partnership. From the first concept sketch to manufacturing-ready products, we stand by your side with expertise and dedication.

We are ready to help you bring your ideas to life.

Let's create embedded values together!



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