

# DESIGN & DEVELOPMENT

# INTERNET OF THINGS

Engineering partner for the development of connected solutions

From electronic design and software development to NPI

## IoT Stack

Front End / Apps

Cloud / Back End

Wireless Connectivity

Software / Edge processing

Firmware

Electronics / Hardware

## Industries

Medical

Energy

Infrastructure

Aerospace

Transport

Industry 4.0

Smart Cities

## WHY CHOOSE US?

- ✓ Dimonoff has been creating sustainable connected solutions that optimize the operational processes of companies and infrastructures.
- ✓ IoT projects require expertise in different complex domains, from design to manufacturing.
- ✓ We work hand in hand as an extension of your engineering team.
- ✓ Chances are we've already worked on the issues you're facing.

Experts in IoT and innovative solutions of connected assets

**42<sup>+</sup>**

Software & Hardware Engineers

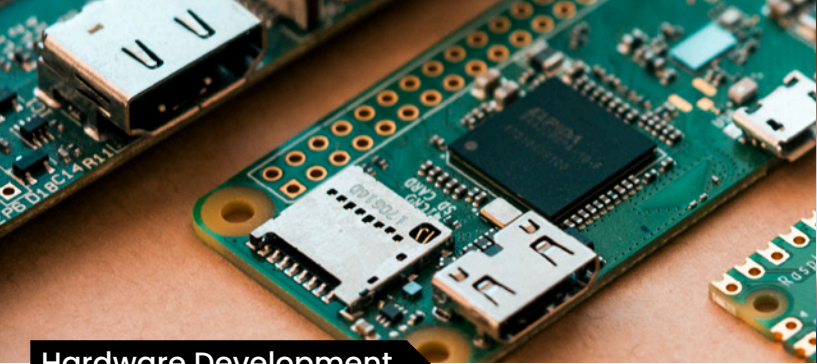
**18<sup>+</sup>**

Years of experience

**575<sup>+</sup>**

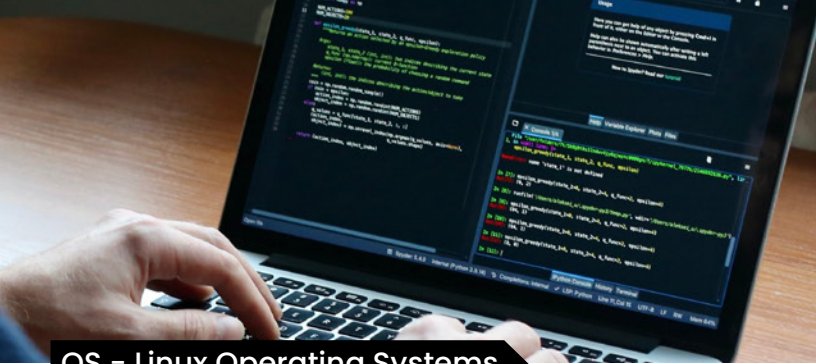
Successful & Completed IoT Projects





## Hardware Development

- Digital and analog PCB design
- Low power optimisation
- Hi-Power and drive circuits
- Design per IPC standards
- Certification support
- Design for manufacturing
- Life cycle management



## OS - Linux Operating Systems

- Board Support Packages (BSP)
- Custom drivers
- Over the air updates
- Secure file system and encrypted data transfer
- Bullet proof update mechanism
- Installation images



## Software & Firmware Development

- Application development / UI / UX
- Windows, Mac, Linux, iOS, Android, Web
- Browser-based applications
- Applications connected to the cloud
- Microcontroller firmware
- Peripherals integration



## Cloud

- Web platform design with or without Google / Amazon / Microsoft / Dimonoff Fundamentum micro-services
- Cloud data processing
- Secure data storage



## Internet of Things Connectivity (Wireless)

- Mesh networks
- NFC
- Bluetooth, Zigbee, Xbee, WiFi, LTE/5G, LoRa, LoRaWan, NBIoT, etc.
- Connectivity with cloud solutions



info@dimonoff.com

(418) 682-3636

www.dimonoff.com

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