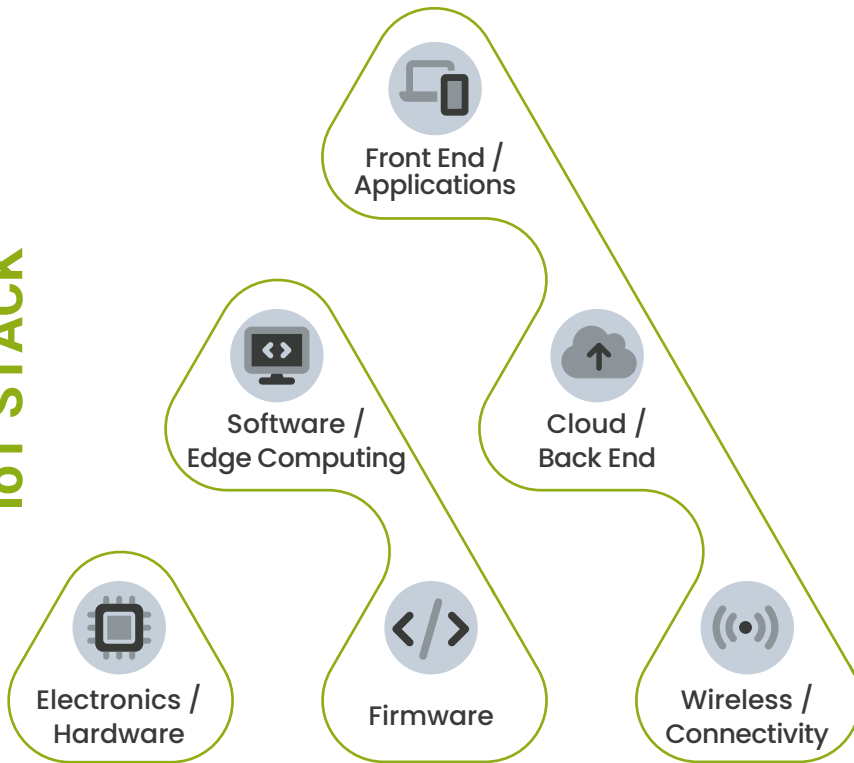# AMOTUS

IoT DESIGN & DEVELOPMENT

Engineering partner for the development of connected solutions
From electronic design and software development to NPI

IoT STACK

- Front End / Applications
- Software / Edge Computing
- Cloud / Back End
- Electronics / Hardware
- Firmware
- Wireless / Connectivity

WHY CHOOSE US?

- Amotus 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+	18+	575+
Software & Hardware Engineers	Years of experience	Successful & Completed IoT Projects

IoT PaaS

Fundamentum

Your custom asset management solutions built on a Platform as a Service to manage your connected devices.

- Quickly prototype, test, and deploy customized IoT applications

- Flexible microservices architecture

- Scalable to meet your needs as your operations expand

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 (OTA)
- 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
- Web applications
- Cloud-based applications
- Microcontroller firmware
- Peripherals integration

Cloud

- Web platform design with or without Fundamentum micro-services
- Cloud data processing
- Secure data storage

Internet of Things Connectivity

- Wireless network protocols: Bluetooth, Zigbee, Xbee, Mesh, WiFi, LTE/5G, NB-IoT, NFC, etc.
- Data transport protocols: MQTT/SMQTT, HTTP, LoRaWAN, etc.
- Connectivity with cloud solutions

AMOTUS

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