



miromico

Think IoT – Think Miromico

# Who are we?

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We are an established [OEM](#) & design house based in [Zurich](#), Switzerland.

Our customers trust our technology and development expertise, combined with Miromico's cutting-edge IoT device production framework.





# Who are we?

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We are an established **OEM** & design house based in **Zurich**, Switzerland.



**20 years of  
experience in  
IoT**

# Our Mindset



## Innovate

We explore **innovative** technologies to develop solutions to issues you face today.



## Create

We are committed to **creating** efficient devices that redefine the IoT landscape.



## Build

We are determined to use our technology to **build** a more sustainable and better-connected world.

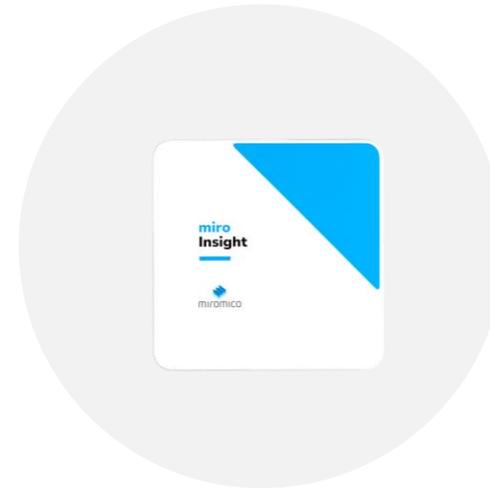
# Core Product Portfolio



Modules



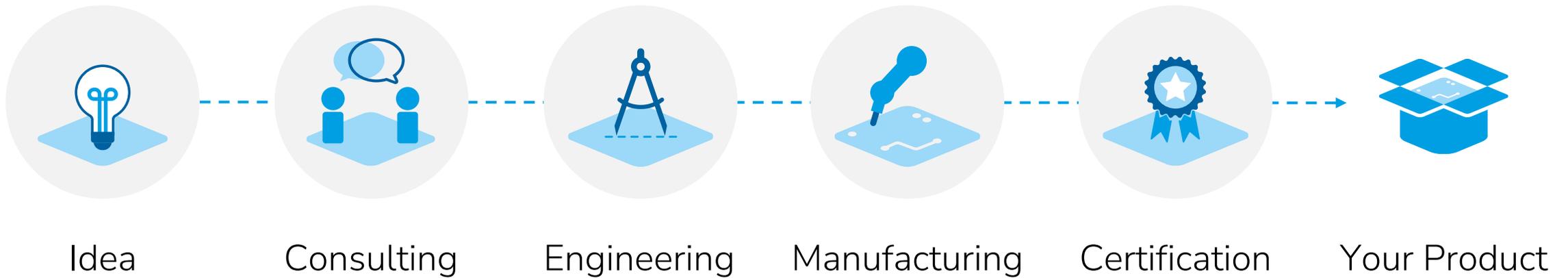
Gateways



IoT Devices

# Customer Centric Focus

We guide our customers from innovative ideas, complex engineering and manufacturing all the way to their successful products .



# Our Products

Our range of IoT products demonstrate our dedication to advancing seamless connectivity for a smart and better-connected world.





Modules



Gateways



Gateway Cards



Sensors



Service Buttons



PoC Kits



Notification



White-Label

# miro FMLR



915 MHz

868 MHz

868 MHz

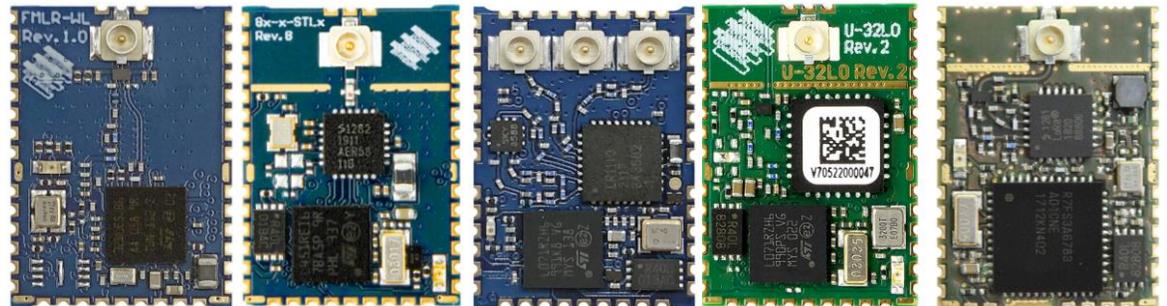
915 MHz

2.4 GHz

Standard footprint wireless modules for maximum flexibility.

## Features

- Optimized for maximum radio performance and lowest power consumption
- Radio chip and MCU or SoC variants
- Miromico standard footprint allows for easy and rapid development and maximum flexibility and IP protection
- Tiny 14 x 19.5mm footprint
- Programming examples for LoRaWAN available



# miro EdgeCard



868 MHz

868 MHz

915 MHz

2.4 GHz

Plug-and-play connectivity in Mini PCIe format factor.

## Features

- Plug-and play connectivity for IoT gateways
- Standard Mini PCIe pinout
- Communication through USB 2.0 serial link (CDC) with host system
- Integrated LNA and PA on all variants
- LoRa<sup>®</sup> variants offer spectrum scanning and Listen-Before-Talk
- mioty<sup>®</sup> variant can be used as generic software defined variant (SDR)



Modular Design



# miro Edge



868 MHz



868 MHz

915 MHz

2.4 GHz

Customizable and configurable LPWAN gateways for IoT solutions.

## Features

- Versatile and flexible gateway platform
- 2 Mini PCIe slots for wireless connectivity
- LTE and LAN backhaul
- Customer specific configuration in production incl. SIM card
- Support for remote management and monitoring with no vendor lock in
- Indoor, outdoor and cellular grade variants with cavity filter



# miro Edge Performance New!



868 MHz



868 MHz

915 MHz

2.4 GHz

Cutting-edge multi-protocol gateway.

## Features

- Highly flexible gateway platform
- 3 Mini PCIe slots to support multi-protocol setups
- High-performance CPU for demanding applications
- LTE, LAN and Wi-Fi backhaul
- BLE5.0 support
- Dual SIM setup for reliable connectivity
- Support for remote management and monitoring



# miro Insight



868 MHz

868 MHz

915 MHz

2.4 GHz

State-of-the-art indoor monitoring solution.

## Features

- Advanced indoor environment monitor
- Ultra-compact design with long-range connectivity
- Exceptionally low-power for extended battery life
- Highly customizable multi-sensor setup

Temperature	Air pressure
Humidity	VOC
CO <sub>2</sub>	Door Sensor



# miro Insight Lux New!

LoRaWAN®

868 MHz

915 MHz

2.4 GHz

Light-powered, battery-free indoor room monitor.

## Features

- Powered by ambient light
- Up to 60 days in full darkness
- Highly customizable multi-sensor setup
- Fully configurable over-the-air

Temperature	Air pressure
Humidity	VOC (optional)
CO <sub>2</sub>	Door Sensor



# miro Alarm

LoRaWAN®

868 MHz

915 MHz

2.4 GHz

Highly versatile, LoRaWAN® class C audiovisual notification device.

## Features

- Wireless notification device for critical alerts and status signaling
- Fully over-the-air configurable RGB light for dynamic visual alerts
- Sleek, modern design – built to be seen
- Choice of loud (100 dB) siren or punchy buzzer

LED	Light pattern
HSP Siren	Buzzer



# miro LogiButton

LoRaWAN®

868 MHz

915 MHz

Robust ultra-low power, service-on-demand IoT solution.

## Features

- One simple button, endless use cases
- 10-character LCD for real-time status and feedback
- Fully configurable over-the-air
- Built for logistics, adaptable to smart buildings, retail, and industry
- Magnet sensor for door open/close or usage counting
- Includes a temperature sensor, ideal for fridge and ambient monitoring



# miro Click

LoRaWAN®

868 MHz

915 MHz

2.4 GHz

Service-on-demand button for remote control, emergency or notification.

## Features

- Multi-button device for triggering actions and reporting events
- Compact, wireless, and easy to install anywhere
- Customizable front labels for intuitive, use-case-specific interaction
- Ideal for service calls, task confirmations, and workflow interaction
- Long battery life for maintenance-free operation



# miro PoC Kit



868 MHz



868 MHz

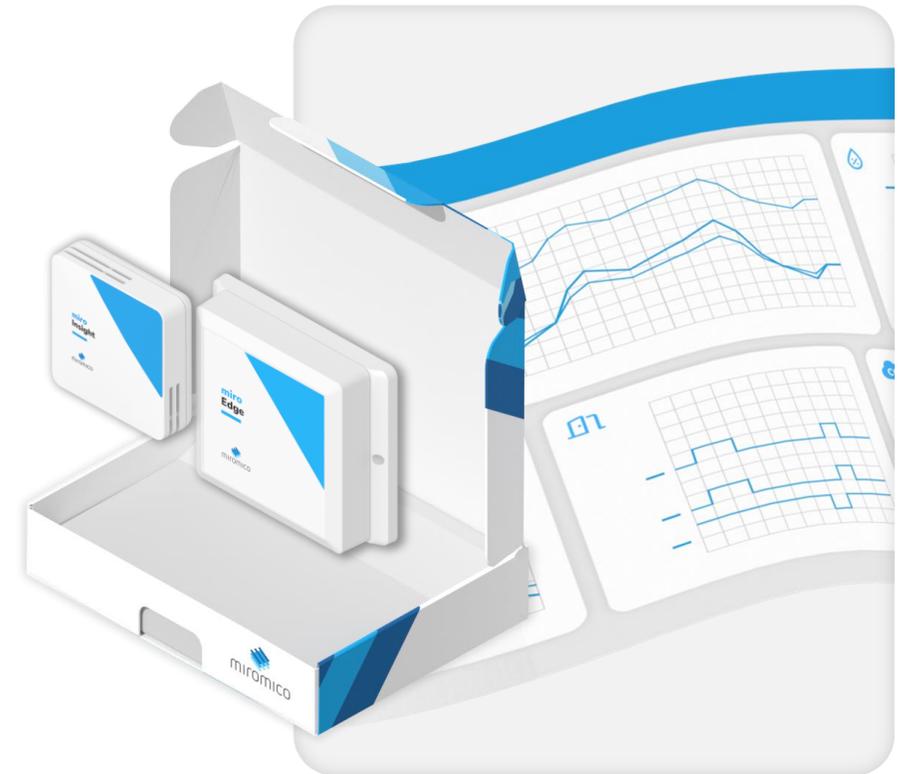
915 MHz

2.4 GHz

Fully equipped PoC kits allow for fast testing & implementation of IoT solutions.

## Features

- Test real-world LoRaWAN® or mioty ® performance in your environment — signal range, latency, reliability
- Evaluate advanced sensor capabilities, such as temperature, humidity and CO<sub>2</sub>
- Compare different LPWAN technologies and sensor setups side by side
- Validate coverage and network behavior in indoor or hybrid environments
- Collect real data for pilot studies, analytics, and integration testing



# Your Label, Your Product

As an OEM, we provide all of our products with free-of-charge white-labelling and customer-specific device configuration for zero-touch provisioning.



Idea



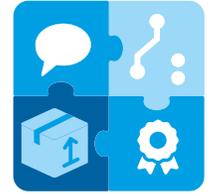
Consulting



Your Product



# MaaS Manufacturing as a Service



Solve numerous manufacturing challenges, like sourcing high-quality materials, managing supply chains, and ensuring precise assembly and testing procedures.



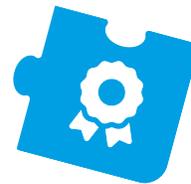
## Consult

Idea Consultation  
Project Outline  
Sourcing



## Design

Electronics  
Enclosure  
Prototypes  
Testing  
Verification  
Certification



## Test

Testing  
Verification  
Certification



## Success!

Packaging  
Logistics





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