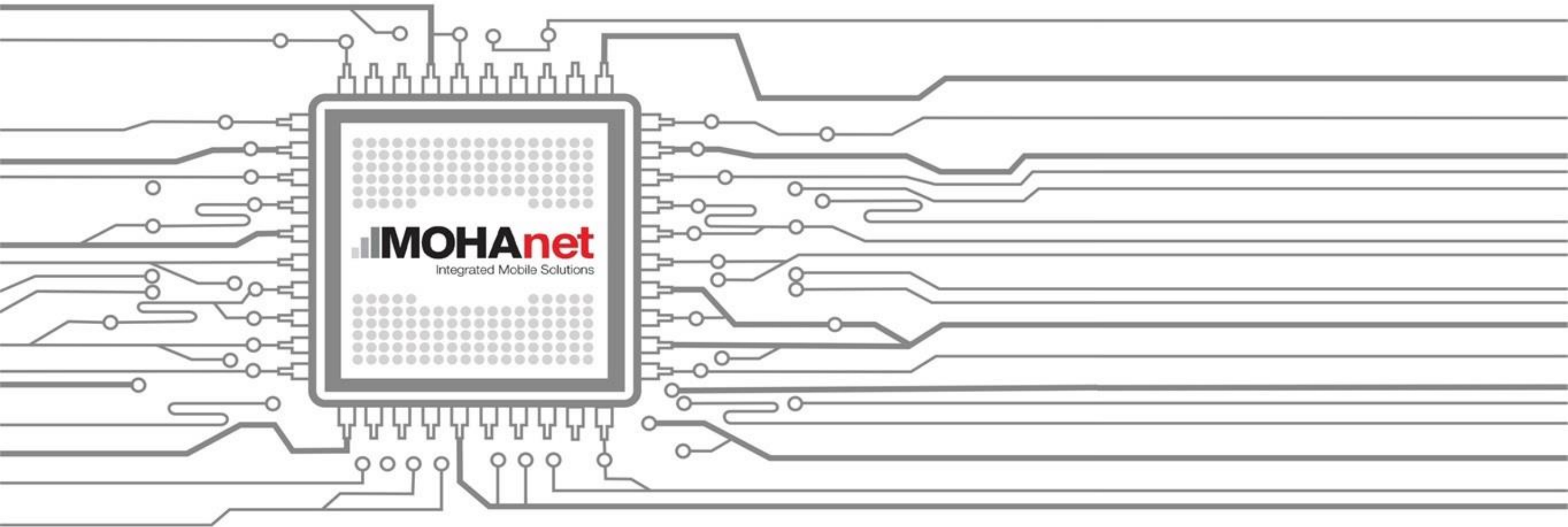


# iMachine – Modular building blocks for every need

**Adaptability to a changing world**



# Every change begins with a new approach...

Adapting to customer needs and market expectations

## Customer needs

Functionality can be extended

High quality

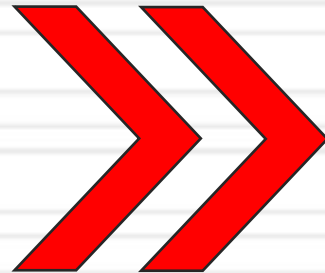
Low consumer prices

Safe operation

Easy to use

Quick service

Stable value investment



## Solution

**Modular building blocks for every need**



Product conformity certifications  
(ISO, TÜV, TMT, MABISZ, CE)

Device price support

High availability

User-friendly device

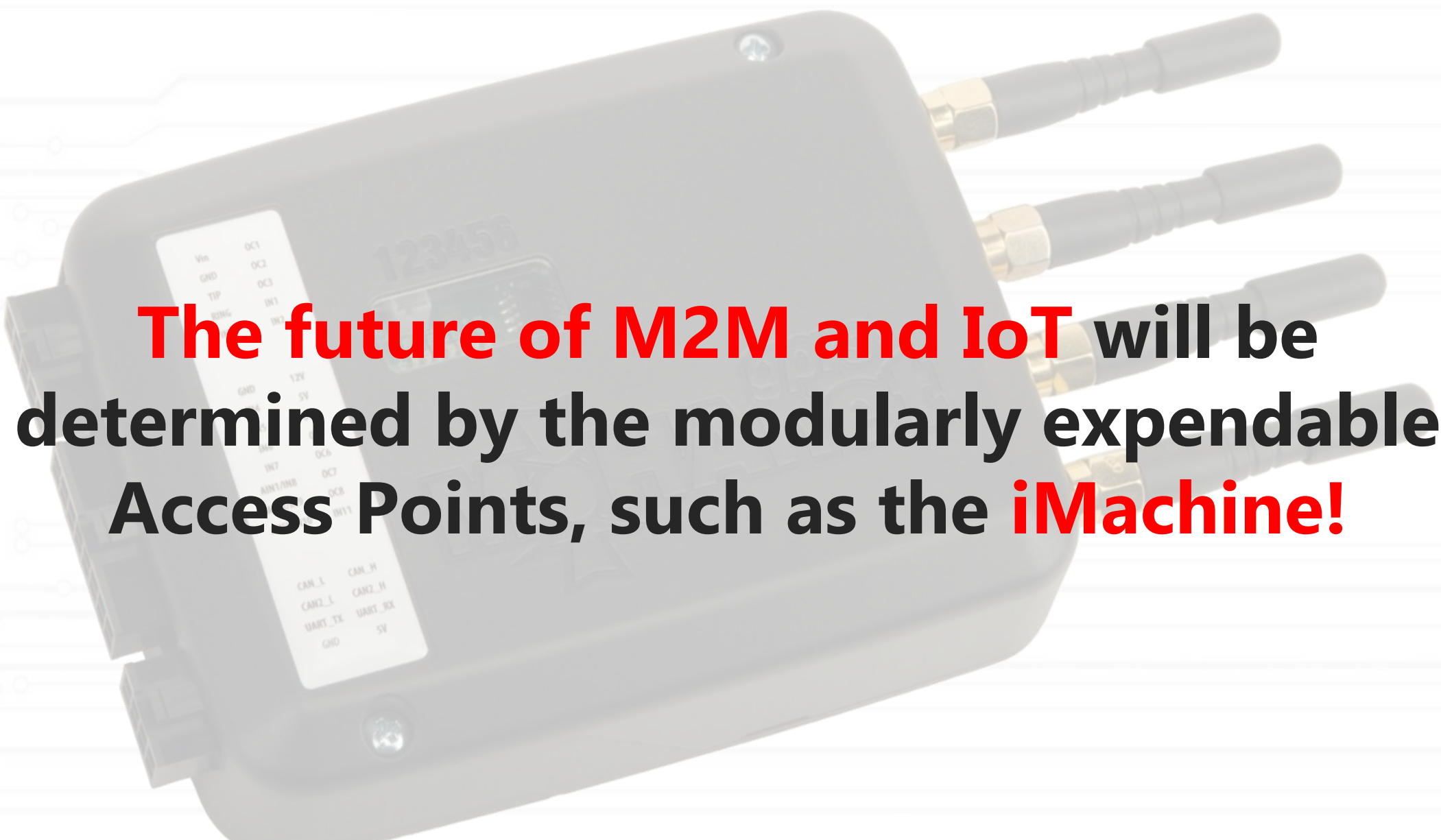
Replacement guarantee in case of failure

Saves time and money



## **Once upon a time Lego started with a dismantable truck**

Now it goes way beyond a simple game. It has a real cult following, with its followers building sculptures, mosaics, and complex machines.



**The future of M2M and IoT will be determined by the modularly expendable Access Points, such as the **iMachine!****

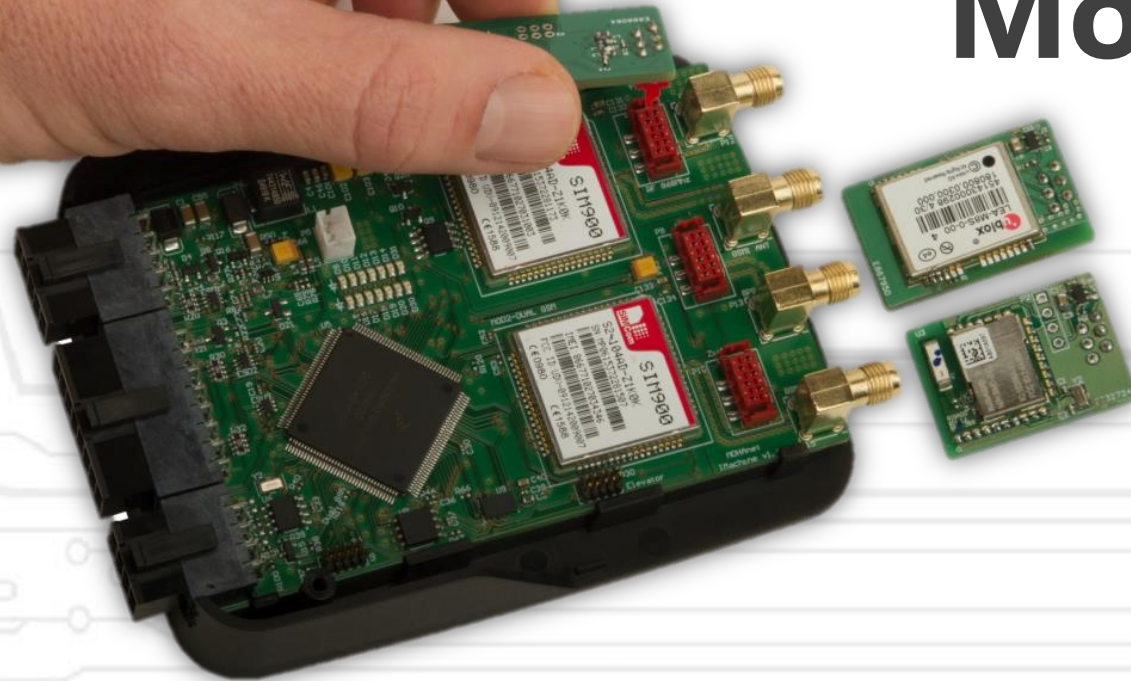


# The basic device recipes

- 01** Burglar alarm monitoring
- 02** Fire alarm monitoring
- 03** Remotely monitored access control system
- 04** Vending machine monitoring
- 05** Water pump monitoring
- 06** Meter reading
- 07** Load balance monitoring
- 08** Status-dependent maintenance of machines
- 09** Refrigerator monitoring
- 10** Liquid tank monitoring



# Modular building block recipes



**The basic device**  
can be connected with various technologies,  
thus making it adaptable for individual  
solutions.



# RF board = Wireless sensors

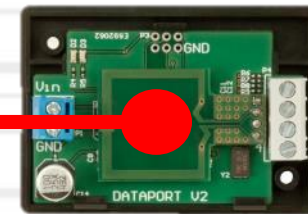
RF 868 MHz industrial sensor support

OPEN / CLOSED	WATER TEMP	VEHICLE COUNTER	MOTION DETECTION	TEMPERATURE	0-1mA CURRENT METER			
DUCT TEMPERATURE	HUMIDITY	24-500 VAC VOLTAGE DETECT	ACTIVITY DETECTION	IMPACT DETECT	1-50 VDC 1-50 VOLT DETECT	FLEX		
WATER DETECT	GRAINS PER POUND	SINGLE-INPUT PULSE COUNTER	0-12 VDC VOLTAGE METER	AIR FLOW DETECTION	RESISTANCE	0-20mA CURRENT METER		
WATER ROPE	LIGHT DETECTION	MAGNET DETECTION	ACTIVITY VIBRATION COUNTING	VEHICLE DETECTION	COMPASS	ASSET	DRY CONTACT	G-FORCE SNAPSHOT



# RF board + dataport = Production plant monitoring

RF 868 MHz

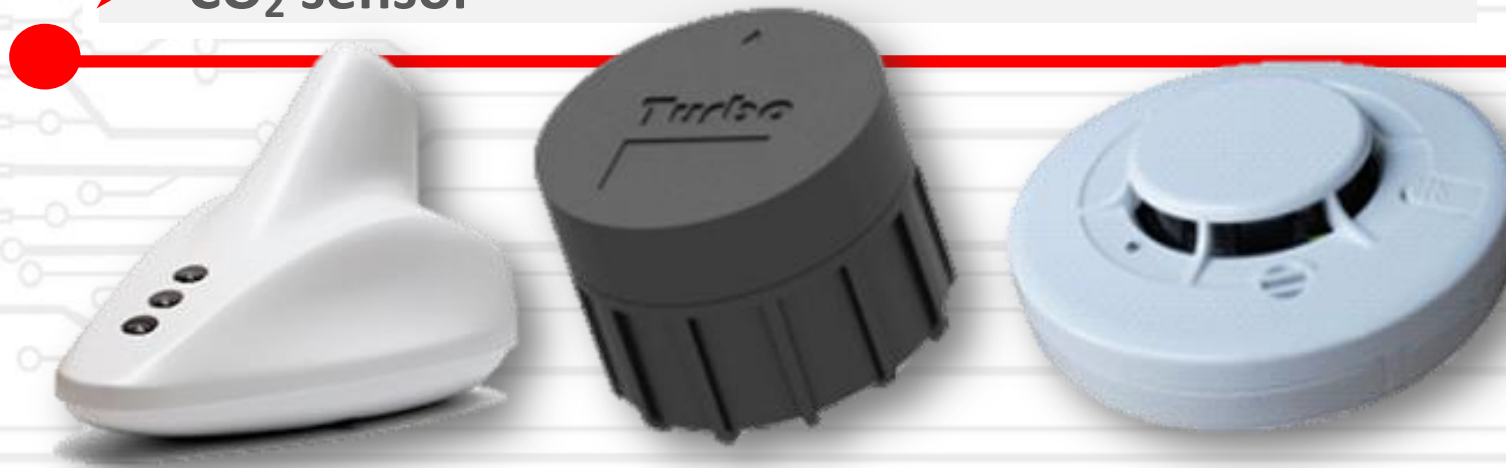


Area of use: Manufacturing, filling and packing machines



# LoRa board = Wireless sensors (868 MHz)

- Street lighting controller
- Parking sensor
- Smoke and fire alarm
- 3-phase analyser
- Transmitter with pulse interface
- CO<sub>2</sub> sensor



Area of use: **Smart City**

# Beacon board = Indoor person tracking

Bluetooth Low Energy

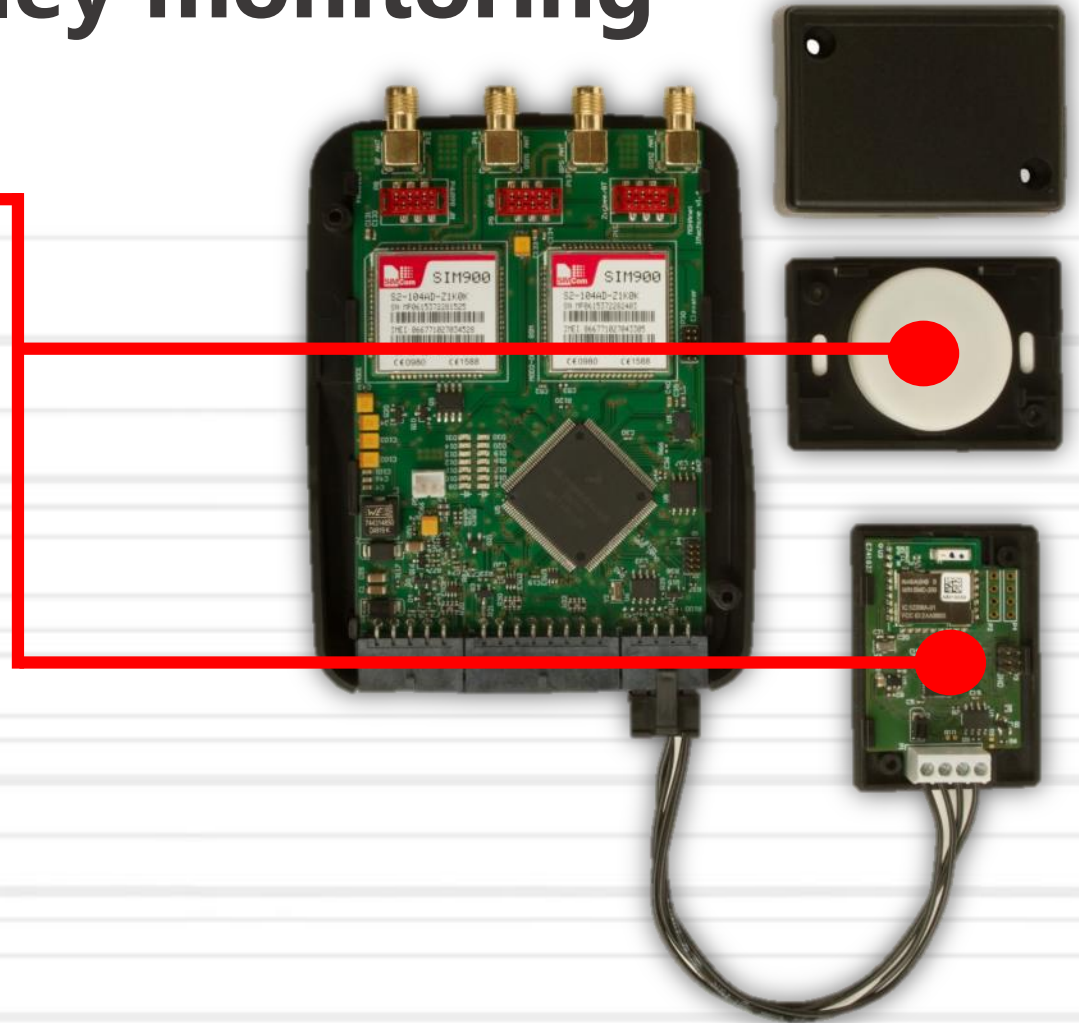


Area of use: inventory monitoring, safety protection, locating and tracking



# Beacon Can module = Trolley monitoring

Bluetooth Low Energy



Area of use: **Locating and tracking of trolleys/lifts**



# GPS board = vehicle monitoring, tracking

Satellite positioning



Area of use: **Cars, trucks and machinery**

# Audio board = Elevator monitoring

Microphone and speaker support



Area of use: **Passenger and goods lifts, emergency road terminals**

# iMachine recipes

**01**

## **Burglar alarm monitoring**

*Remote monitoring of offices, factories and households*

**02**

## **Fire alarm monitoring**

*Remote monitoring of offices, factories and households' fire alarm systems*

**03**

## **Vehicle tracking**

*Theft protection and logistical monitoring of private and corporate vehicles*

**04**

## **Indoor positioning**

*Indoor tracking of employees, machines and inventory*

**05**

## **Refrigerator monitoring**

*Temperature monitoring of refrigerators*

**06**

## **Remotely monitored access control system**

*Access control for employees and vehicles*

**07**

## **Elevator monitoring**

*Elevator alarm and status monitoring*

**08**

## **Information terminal**

*Public and corporate information terminal and/or emergency call point*

**09**

## **Vending machine monitoring**

*Consumption and diagnostic status monitoring*

**10**

## **Liquid tank monitoring**

*Measuring fluid level and monitoring consumption*

**11**

## **Forklift monitoring**

*Forklift position tracking and diagnostics status monitoring*

**12**

## **Status-dependent maintenance of machines**

*Diagnostic status monitoring of electric motors and rotary machines*

**13**

## **Water pump monitoring**

*Diagnostic status monitoring of water pumps*

**14**

## **Load balance monitoring**

*Measuring the weight of raw materials and trucks*

**15**

## **Meter reading**

*Water, gas and electricity consumption monitoring*

**16**

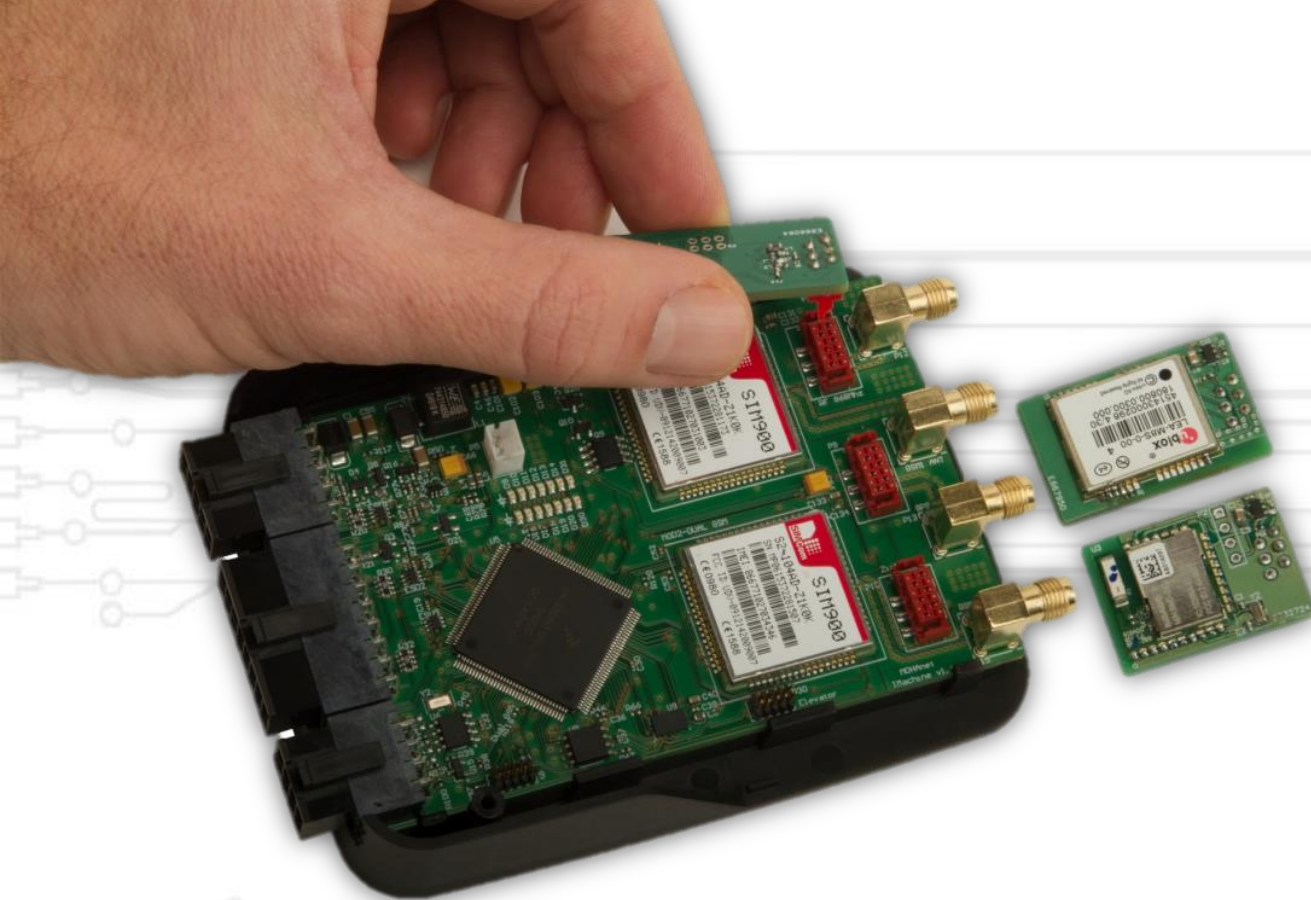
## **Solar panel monitoring**

*Theft protection and diagnostic status monitoring*



# Summary, or how to adapt to a changing world

- The removable “box” type building blocks are the key competitive advantage, which is a real added value to the user.
- The creative combinations of the building blocks give opportunities to satisfy the continuously changing client needs and to further extend the value-added services.
- Thanks to the box-type building blocks, there is no need to simultaneously store various products, therefore the inventory management and service is simplified, so the costs are significantly reduced.
- The diverse uses of iMachine reduce customer risk, as the functionality can be modified, converted or extended even while on the move.
- **The usefulness of the unique solutions created from the building blocks gives real value to the consumer, thus the user is able to adapt to the constantly changing world.**



**Want to try it?**

**Free testing opportunity for 30 days.**



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