

Capturing data. Creating value.

Custom platforms for R&D&I projects



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Proprietary technology for R&D&I projects:



We capture, manage and leverage data to accelerate innovation.

- **What we do:** We develop **IoT, Edge Computing** and custom data **platform** solutions.
- **Our value:** We turn **data** from pilots, machines and assets into useful information for decision-making.
- **How we collaborate:** We develop **scalable solutions** for R&D&I projects, pilots and industrial applications.
- **Specialised technical and research team:** Expertise in analysing challenges, designing solutions, developing prototypes, and validating results in collaboration with companies, technology centres, and research organisations.



+6

Years
innovating



**Proprietary
technology**
IoT Gateway and
IoT Platform



Collaborative
Partner
ecosystem



+50

R&D&I projects
developed



94%

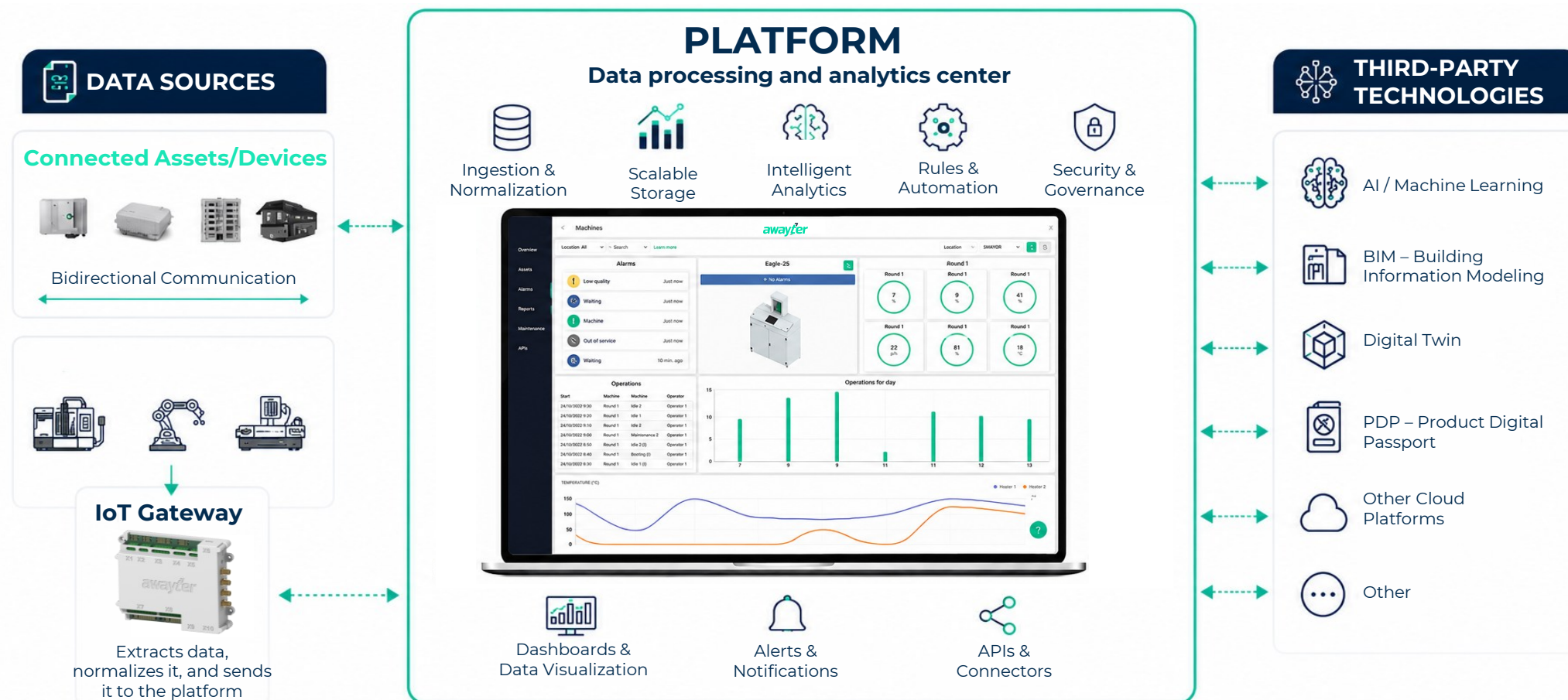
Success rate
(16/17)



Our contribution:



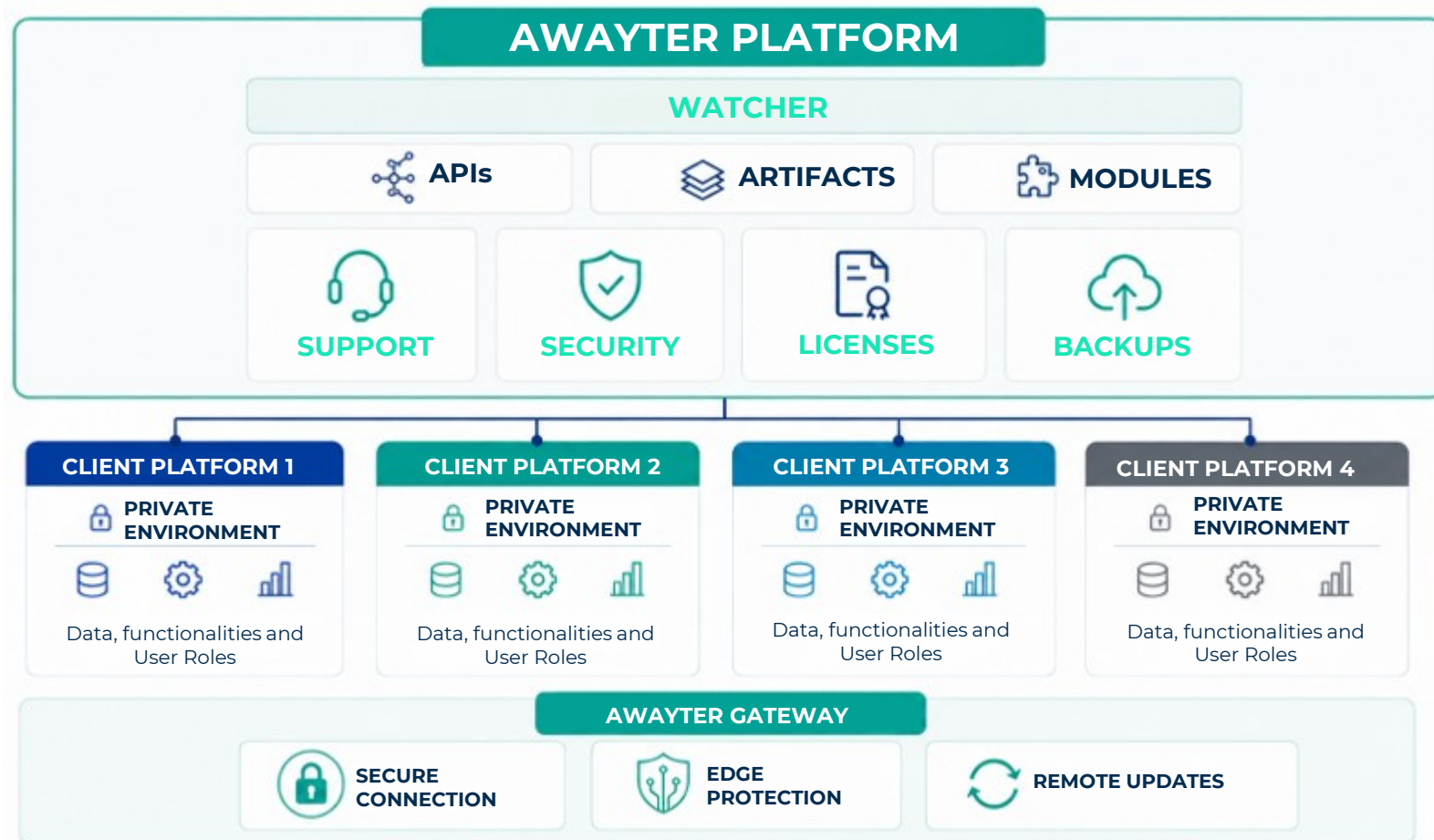
From data to integration with external services.



The IoT Platform is the core of the solution: it centralizes data, enables management and connects the ecosystem.

How we work:

Security framework.



Architecture designed to comply with the main European standards and regulations on cybersecurity, data protection, and digital product resilience.

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Cybersecurity:



Data Governance and Protection:



Collaboration areas:



Our experience provides technological capabilities for:

CLUSTER 4:

DIGITAL, INDUSTRY AND SPACE



Industrial IoT



Data platforms



System integration



Asset monitoring



Industrial digitalization

CLUSTER 5:

CLIMATE, ENERGY AND MOBILITY



Operational efficiency



Data management and analytics



Sustainability



Connected infrastructure



Assets and mobility

CLUSTER 6:

FOOD, BIOECONOMY, NATURAL RESOURCES, AGRICULTURE & ENVIRONMENT



Circular economy



Sustainable food



Traceability



Resource management



Reuse and refill systems

We provide proprietary technology to capture, manage and leverage data from pilots, assets and infrastructure, turning innovation into real and scalable solutions.

Our partners:



A collaborative network to turn innovation into real solutions:

INDUSTRIAL:



TECHNOLOGY CENTERS & UNIVERSITIES:



CLUSTERS & ASSOCIATIONS:



We connect technology, data and collaboration to accelerate R&D&I projects with real impact.

Our presence at key industry events:



We share knowledge and create new opportunities for collaboration:

TRADE FAIRS AND CONGRESSES:

We have actively participated in the following industry events:



SPECIALIST TALKS:

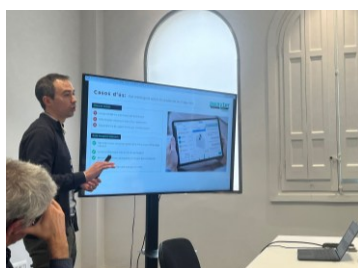
We share our experience in industrial IoT, the circular economy, artificial intelligence data management and servitization:



IoT to improve industrial efficiency.



IoT and circular economy.



IA applied to industrial machinery.



Data Act and IoT Platforms.



Innovation applied to industry.



IoT and industrial servitization.

We connect technology, industry and knowledge to create new opportunities for collaboration.

R&D&I PROJECTS

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GATEWAY & IoT PLATFORM



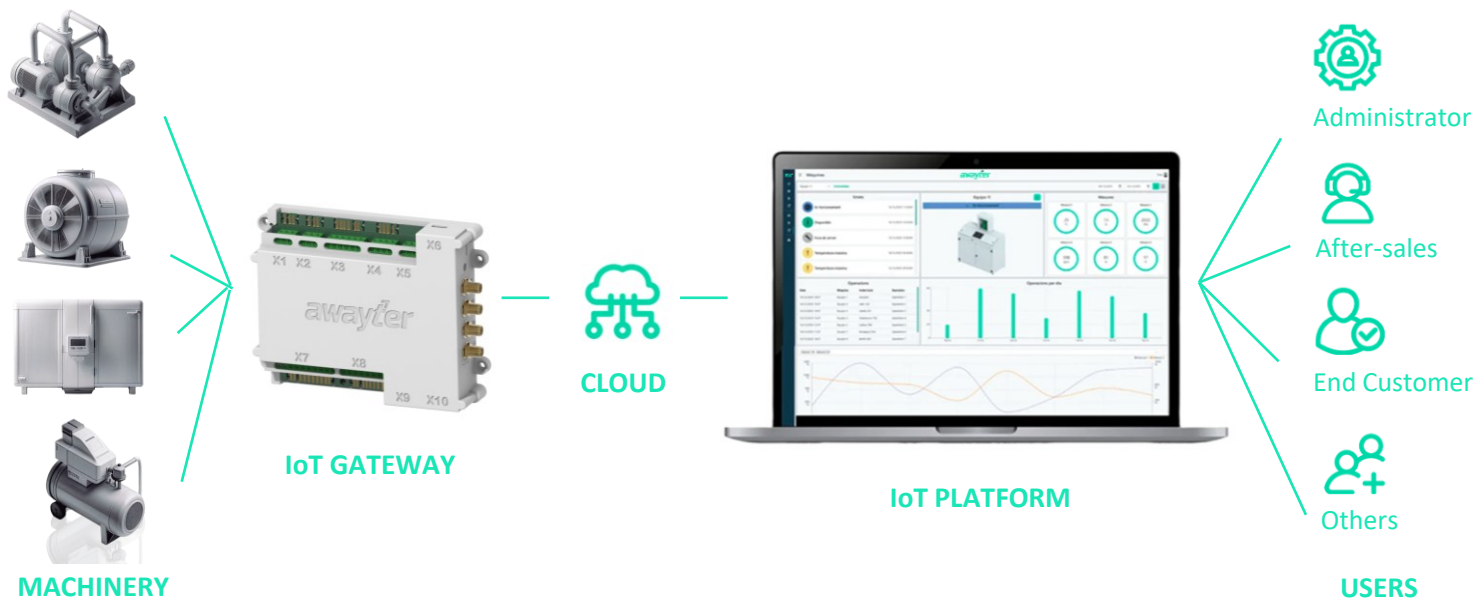
We transform pilots into connected, intelligent assets.

IoT GATEWAY:

- Designed to **connect** machinery, sensors, PLCs and other industrial assets.
- Captures and processes data in real time using **Edge Computing** capabilities.

IoT PLATFORM:

- **Centralizes data** from any connected asset.
- Real-time **dashboards** and **KPIs**.
- **Remote management** of equipment and infrastructure.



AREAS OF INNOVATION:

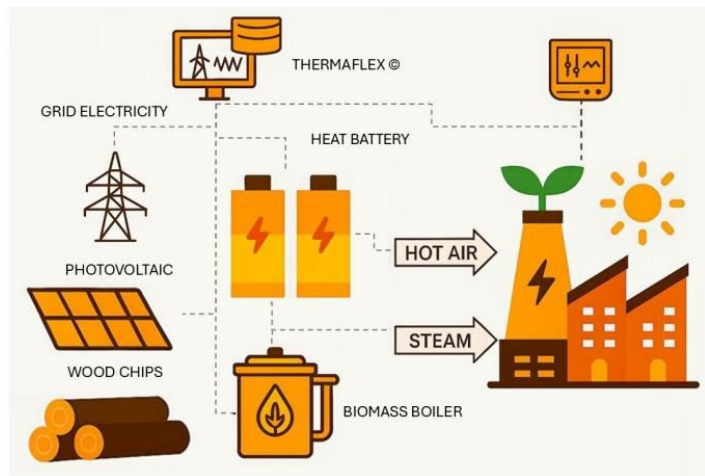
- Industrial IoT
- Edge Computing
- Data Platforms
- Dashboards
- APIs
- Integration
- Data Analytics
- Data Act Ready

The IoT Platform is the technological core that transforms industrial data into information, services and new opportunities for innovation.

DEEP HEAT - Thermal decarbonization



Smart system for industrial thermal energy management.



- European project to **decarbonize** thermal processes through thermal energy storage and heat electrification.
- Develops and validates solutions capable of **reducing fossil fuel consumption** in energy-intensive industries.
- Integrates thermochemical batteries, Power-to-Heat technologies and advanced **energy management** systems.
- **Awayter** contributes data capture, integration and exploitation.
- Design and development of an **IoT platform** to facilitate remote supervision, data exploitation and interoperability with the other solutions.

INNOVATION AREAS:

- Industrial decarbonization
- Thermal energy
- Power-to-Heat
- Energy storage
- IoT Platform
- Remote monitoring
- Energy data management

Funded by:



With the participation of:



DEEP-HEAT demonstrates how digitalization and intelligent data management accelerate the transition toward a more efficient, flexible and decarbonized industry.

SERMIA - AI and Cybersecurity for Industry



Intelligent platform for secure machinery servitization.



- R&D to integrate **AI**, **Edge Computing** and **Cybersecurity** into connected industrial machinery.
- **IoT Platform** to turn machinery data into high-value digital services.
- AI to **predict failures**, recommend actions and **support** decision-making.
- Secure, traceable data compliant with standards such as **ENS**, **ISO 27001** and **CRA**.
- **End-to-end solution**: proprietary **Edge hardware** and **IoT platform**.
- **Remote monitoring** and new as-a-service models for machinery manufacturers and OEMs.

INNOVATION AREAS:

- Artificial Intelligence
- Industrial cybersecurity
- Edge Computing
- IoT Platform
- Predictive maintenance
- Industrial servitization
- Industry 4.0
- New as-a-service models



FEDER Fondo Europeo de Desarrollo Regional

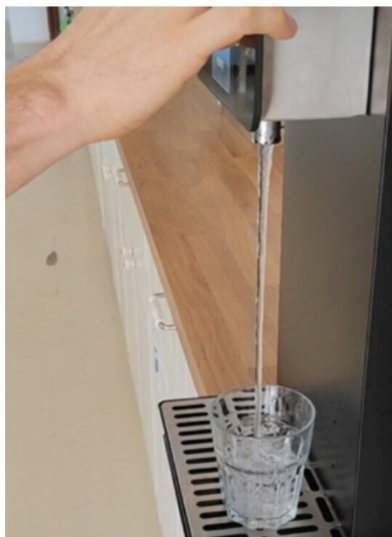


SERMIA aims to turn industrial machinery data into intelligence, security and new digital services for OEM manufacturers.

AWARE – Smart Water Refill System



Smart osmosis water refill system.



- Filtered water refill system designed to **reduce** the use of single-use **packaging**.
- Promotes a more **sustainable** consumption model through smart refill solutions.
- Integrates connectivity, **digital payment** and service monitoring.
- **Captures consumption**, usage, incident and operational status data for each refill point.
- Design and development of an ad hoc **IoT Platform** to digitalize operations (monitoring and data traceability).

INNOVATION AREAS:

- Smart refill
- Circular economy and sustainability
- Packaging reduction
- Remote monitoring
- Consumption digitalization
- Integrated digital payment
- IoT Platform integration

Funded by:



Circular Economy and Sustainable solutions
for Agrifood in the Mediterranean

With the participation of:



Urban **Hostel** Palma
Santa Catalina



AWARE promotes a more sustainable water consumption model through smart, connected refill systems designed to reduce waste and improve service management.

RELOOP - Automated packaging return



Food packaging reuse system.



- System combining ready-made food and **automated return** of reusable packaging in a closed loop.
- Promotes the **circular economy** through packaging reuse, traceability and recovery.
- Integrates automation, connectivity and **control** of each package.
- Captures data to optimize packaging **traceability** and logistics.
- Design and development of the **IoT platform** for remote monitoring and asset management.

INNOVATION AREAS:

- Circular economy
- Reusable packaging
- IoT Platform integration
- Traceability
- Operational automation
- Remote monitoring
- Operational data management

Funded by:



With the participation of:



We develop and validate technology in real-world environments to turn innovation into scalable solutions.

CANTEEN - QUILIG - AUTOGRA



CANTEEN. Automated healthy food canteen available 24/7



- **Automated** food space for companies, universities, hospitals and other organizations.
- Combines self-service, connectivity and operational **monitoring**.



QUILIG. Smart bulk detergent dispensing system



- Promotes a more **sustainable** consumption model based on reuse and the circular economy.
- Combines **automation**, connectivity and dispensing control.



AUTOGRA. Automated bulk retail corner



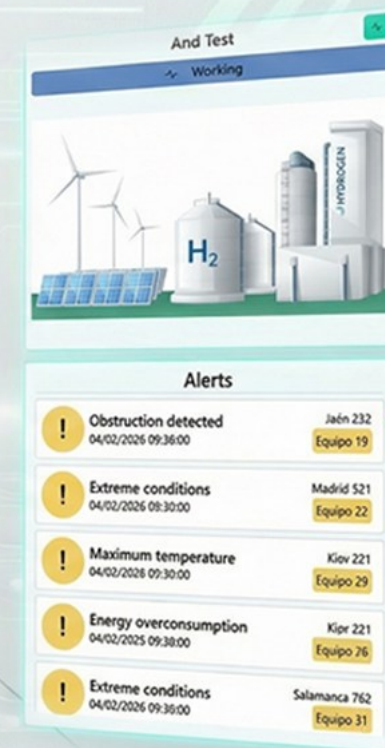
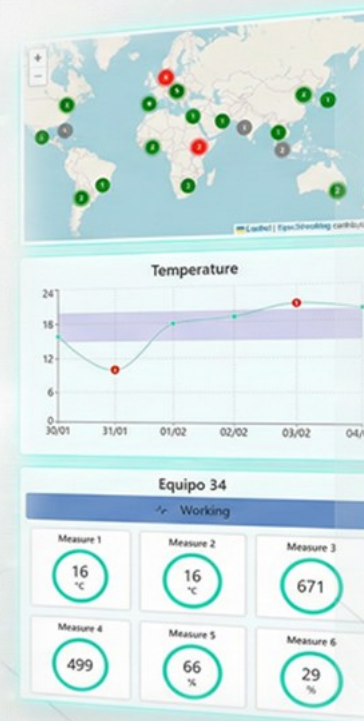
- Promotes a more sustainable consumption model, **reducing single-use packaging** and encouraging responsible purchasing.
- **Automates** the sales process and monitors operations in real time.



In-house development projects integrated into Awayter's IoT Platform, used to capture, manage and leverage data across multiple industrial projects.

We connect assets, capture data and turn innovation into real solutions.

awayter⁷



connect@awayter.com



+34 621 19 24 41



awayter.com



Awayter-iot-solutions