

# Turkish Software Development and Informatics SME searching for new markets and/or platforms to cooperate

## Summary

Profile type

**Business Offer**

Company's country

**Türkiye**

POD reference

**BOTR20250825011**

Profile status

**PUBLISHED**

Type of partnership

**Commercial agreement**
**Outsourcing agreement**

Targeted countries

**• World**

Contact Person

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Term of validity

**26 Aug 2025**
**26 Aug 2026**

Last update

**26 Aug 2025**

## General Information

### Short summary

The company work in Energy, Healthcare, Governmental, Construction, Food, Agriculture and Aerospace/Defence verticals by providing innovative IoT solutions. Company market outreach services include Europe and Gulf regions with having predictive maintenance solutions on Cloud.

### Full description

Company operates in the fields of IT, IOT, software and hardware, system development, architecture creation, technological transformation, industry-n solutions, management, consultancy and foreign trade.

Their brand applications consists of :

-Battery-powered wireless sensors measure the surface temperature and three-axis vibration of rotating equipment such as electric motors, pumps, and compressors on-site, transmitting the data to the IoT cloud via an industrial gateway This architecture minimizes unplanned downtime, reduces maintenance costs, and extends equipment life by catching potential failures months in advance.

- Data from field equipment such as energy analyzers, meters, compensation relays, generator/UPS control units,

HVAC systems, production line equipment and environmental monitoring sensors of different brands and models are collected over various protocols such as RS485/Modbus, Ethernet, GSM and combined in a central database. The platform addresses critical business needs such as energy efficiency and power quality monitoring, reactive power and compensation management, generator/UPS status monitoring, maintenance planning, and ensuring operational continuity. It provides early warnings of faults through artificial intelligence and machine learning-based anomaly detection, and provides performance comparisons and historical reporting across different facilities or branches.

-Data collected in fields and greenhouses through measurements such as:

Leaf moisture,

Inside/outside soil humidity and temperature,

Air humidity, temperature, pressure, and wind speed,

Light level/intensity

is used for:

Detection of plant diseases,

Management of irrigation systems,

Management of greenhouse air conditioning systems,

Agricultural weather forecasting,

Irrigation and fertilization recommendations,

Spray application timing,

Frost and hail early warning,

Determination of sunlight percentage.

This system provides users with remote monitoring and control. By operating air conditioning units without having to go into the greenhouse, the required temperature level is maintained, thus increasing efficiency. By enabling irrigation pumps to be turned on and off without having to go to the field, and by centrally managing all operations, optimum soil moisture is achieved at the right time.

Livestock and poultry house monitoring helps poultry farms prevent chick mortality and increases control and efficiency.

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#### Advantages and innovations

Agile, innovative, flexible, adoptable, corporate, government, academia, private sector and research and development centers cooperations

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#### Technical specification or expertise sought

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#### Stage of development

**Already on the market**

#### IPR Status

**Secret know-how**

#### IPR Notes

#### Sustainable Development goals

- **Goal 12: Responsible Consumption and Production**
- **Goal 9: Industry, Innovation and Infrastructure**

## Partner Sought

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#### Expected role of the partner

Company provides IoT, AI technologies, methods, people and market outreach in Gulf, and Europe regions and looking for interesting market validated solutions, products, platforms owner partners that can cooperate

#### Type of partnership

#### Type and size of the partner

Commercial agreement

Outsourcing agreement

• R&D Institution

• SME  $\leq 10$

• Big company

• SME 50 - 249

• SME 11-49

## Dissemination

### Technology keywords

- 01003003 - Artificial Intelligence (AI)
- 01003001 - Advanced Systems Architecture
- 01003008 - Data Processing / Data Interchange, Middleware
- 01003010 - Databases, Database Management, Data Mining
- 03002 - Process Plant Engineering

### Targeted countries

- World

### Market keywords

- 02007003 - Operating systems and utilities
- 02007007 - Applications software
- 02007006 - Other system software
- 02007001 - Systems software
- 02007002 - Database and file management

### Sector groups involved

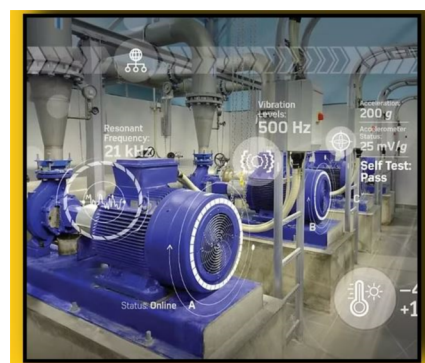
- Electronics
- Digital

## Media

### Images



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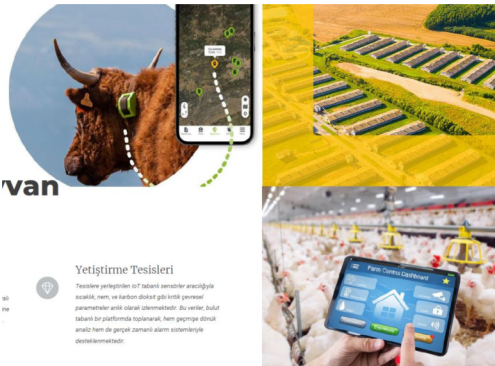
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