

connect@webee.io  
webee.io  
+1 408 850 0458

# Webee

Real-time visibility for Manufacturing & Supply Chain  
Indoor | Outdoor | In-transit

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# **Machine Downtime** alone can **cost** manufacturers up to **\$260,000/hour**

[Aberdeen Research](#)

**Food and beverage manufacturers** face multiple challenges during production and they result in **20% loss** of productivity

“Global spending on Industrial IoT Platforms for Manufacturing is predicted to grow to **\$12.44B in 2024**, attaining a 40% compound annual growth rate (CAGR) in seven years.”

Source Forbes

**Food and beverage (F&B) manufacturing** market is expected to reach **\$8.43 billion by 2025**, growing at a compound annual growth rate (CAGR) of 9.5%

Source Research & Markets

# Challenges in Manufacturing



## Manual Operations

Manual operations as controls, measuring, inventorying can cause errors and inefficiency problems of workers since they are monotonous, repetitive tasks



## Lack of visibility

Don't having full visibility on critical steps of the production processes implies potential risks and cost by the product quality and the employees and assets safety.



## Delayed problem detection

Without real-time information about possible issues, Managers are not able to take quick corrective actions to solve the problems at time, Also they don't count on tools that allow them to predict those issues and take preventive actions.



## Waste and losses

Not having efficient tools to monitor process variables implies loss of products, supplies, money and quality.

So... How can Webee  
help you?

We provide a no-coding toolset for agriculture, manufacturing and supply-chain to obtain real-time insights from their critical processes from anywhere.



# Industrial Machine Monitoring

## Machines

Non-intrusive connectivity directly to your factory machines, PLC, OPC, UA, SCADA networks to access data in real-time

## Assets

Monitor the most critical and high value assets using simple to install sensors and access condition and inventory information in real-time

## Facilities

Monitor any type of environmental conditions such as temperature, air quality humidity, vibration, and others through sensors and controllers

# End-to-End, No-coding Technology

Three critical steps of Industrial IoT Implementations

How to collect machine data?



**+500 DATA SOURCES SUPPORTED  
THINGS, FORMS & DATABASES**

How to manage the data?



**INTUITIVE LOGIC BUILDER  
MARKET READY SOLUTIONS**

Simple visualization and distribution



**DASHBOARDS  
APPLICATIONS**

# Our No-Coding Approach

## Data extraction

Webee connects directly to your factory network and automatically discovers the machines you want to track and monitor.



1

## Edge Hub Controller

An Intel Intelligent Gateway can be used to guarantee connectivity and control Visual machine data integration with no programming

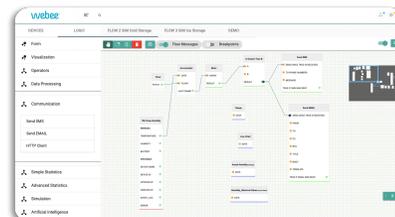
## Intelligent Distribution Workflows & logic

Visual drag and drop IoT and AI builder to deploy logic within MESH, MEC, FOC and Cloud integration architectures

2

## Visual data flow design and stream processing

Artificial Intelligence built-in Deploy intelligence and AI models to execute inferences at the edge.



## Smart Applications

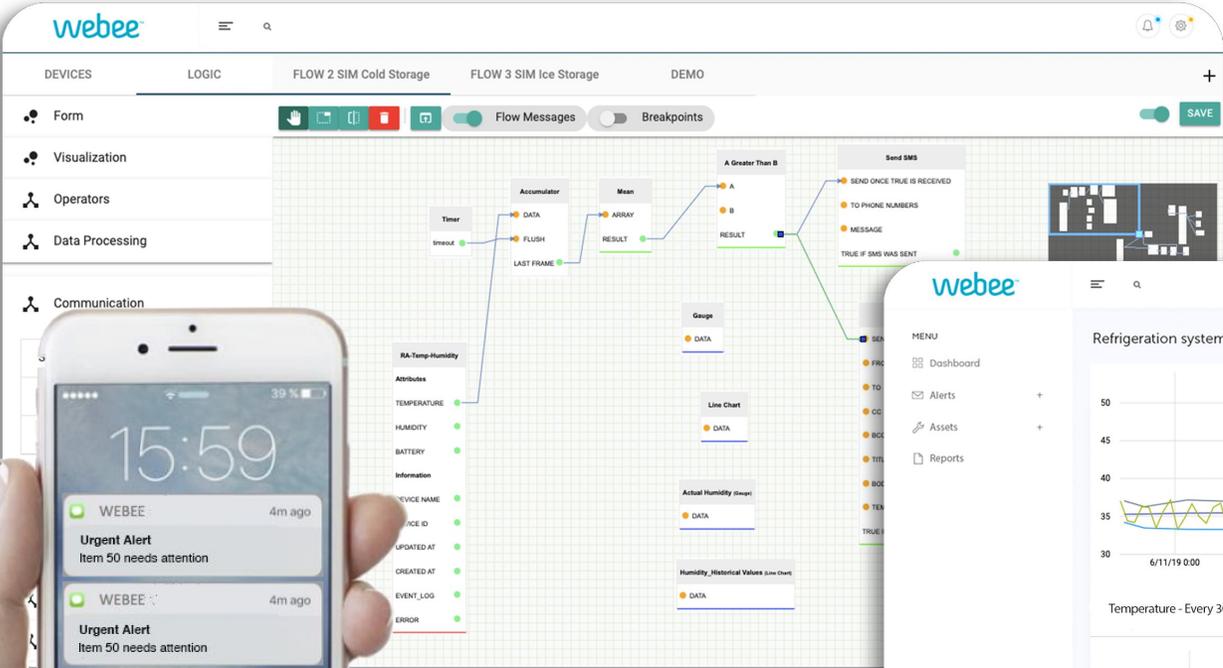
Visual drag and drop app builder to create real-time dashboards and distribute applications to multiple users and roles in a multi-tenant enterprise environment.

3



# No-coding Technology

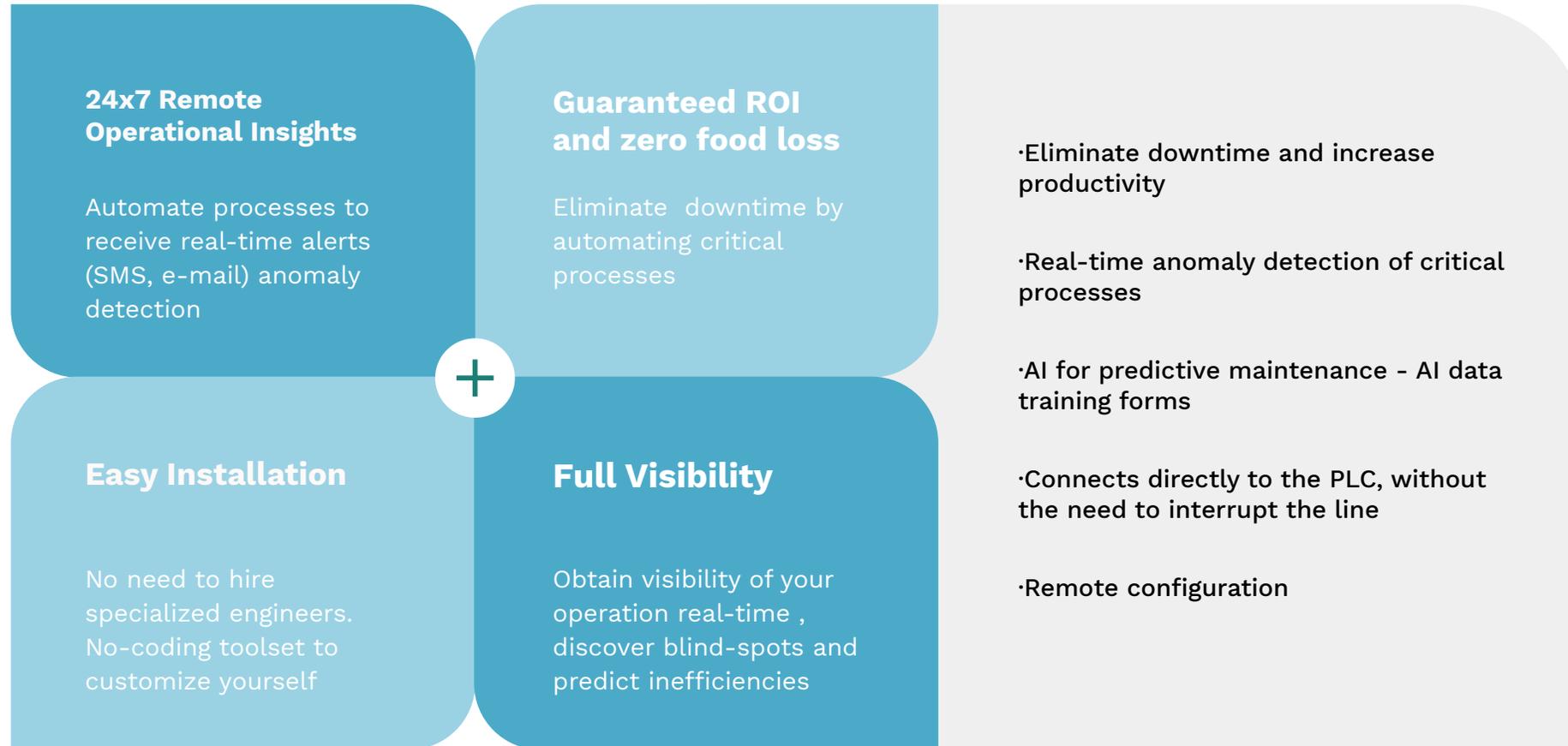
A solution to implement and customize with no technical expertise



# End-to-End Solution Demo



# Benefits of Webee's Solution

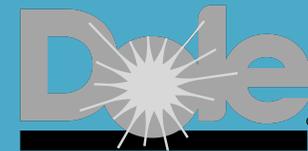


# Competitive Advantages

- No technical skills required. No-coding
- End-to-end solutions deployed in minutes
- Cost-effective and scalable
- Contextual data aggregation
- Edge data storage and processing
- Multi-industry & multitenant architecture

Smart  
Farm

Improving Irrigation  
**Efficiency by 99%**  
Real-time alerts



# T & H Solutions

## Condition monitoring Food & Beverage Industry

- Real-time alerts | temperature and humidity monitoring
- Full visibility and blind-spots discovering
- Insights to predict maintenance
- Automate controls for accuracy and efficiency

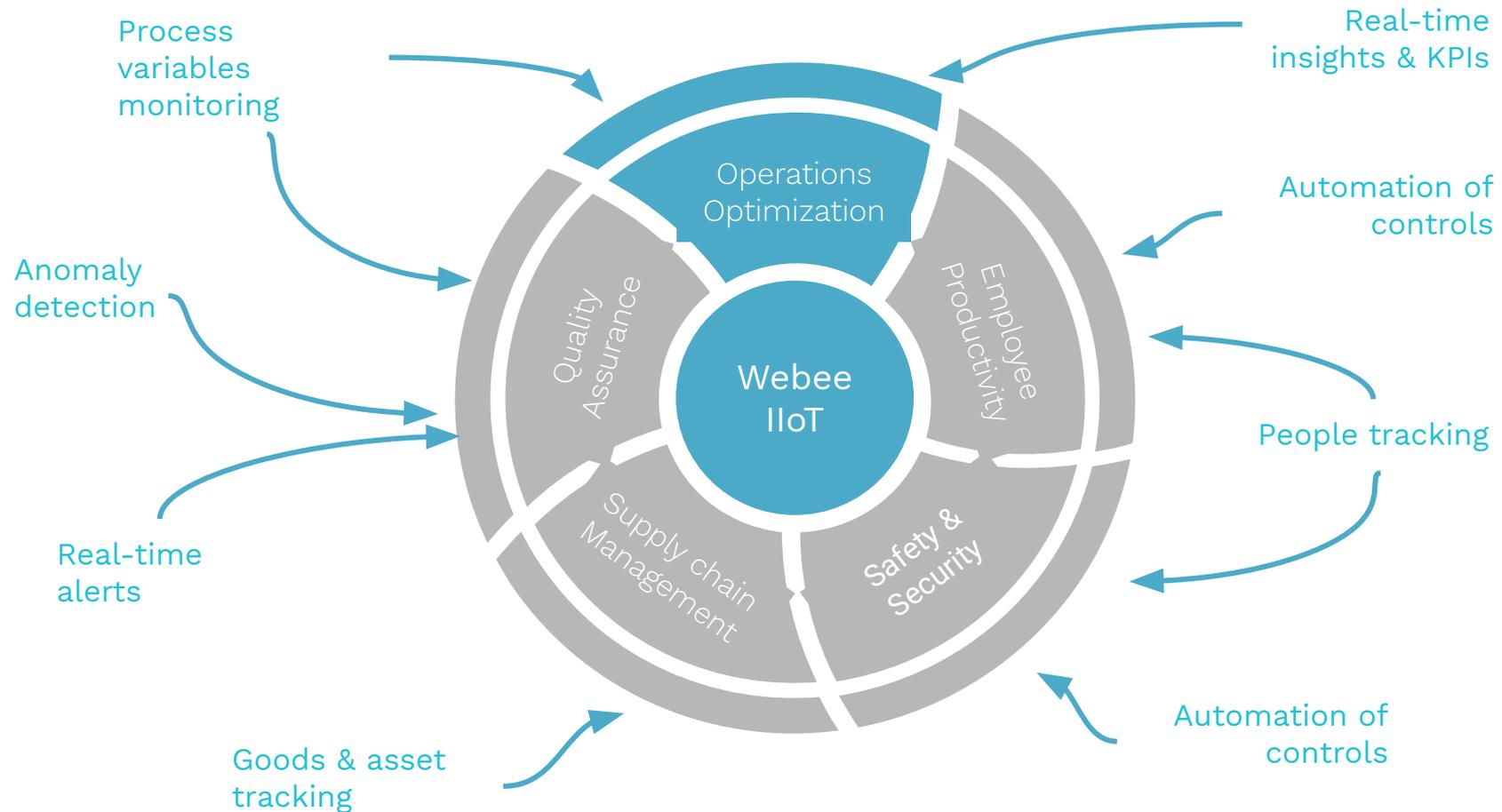


# Machine BI & Analytics

## Processes monitoring, Food Manufacturing

- Built-in integration with equipment & sensors.
- Machine data access in real time.
- Metrics & Analytics calculation from the data.
- Real-time alerts on processes variables monitored.
- PLC / OPC UA Servers / SCADA integrations.
- ERP / CRM / Third-party systems integrations by Webee's APIs

# IIoT long-term value to your operation



Webee.io

# Webee at a Glance

## THE NEXT-GEN INDUSTRIAL IOT

A no-coding end-to-end toolset that allows simple connectivity to sensors and data sources, intuitive data stream processing, real-time alerts & recommendations, and search-driven AI analytics.

**WWW.WEBEE.IO**

### Technology enablers



### Partners

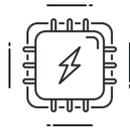


### Clients



# Patented Technology (2018)

## Systems and Methods for Smart Spaces



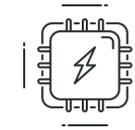
**AI AT THE EDGE**  
ANOMALY DETECTION  
SMART OBJECT RECOGNITION



**INTELLIGENT MAPPING**  
AND DISCOVERY



**END TO END**  
VISUAL APPROACH



**SMART CLUSTERING**  
REAL-TIME ANALYTICS & ALERTS  
AI CONTROLLING AT THE EDGE

# Let's connect

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