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.
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

“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
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.

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.

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.

Patented technology
No-coding Technology
A solution to implement and customize with no technical expertise
End-to-End Solution Demo
Benefits of Webee’s Solution

- **24x7 Remote Operational Insights**
  - Automate processes to receive real-time alerts (SMS, e-mail) anomaly detection

- **Guaranteed ROI and zero food loss**
  - Eliminate downtime by automating critical processes
  - Eliminate downtime and increase productivity
  - Real-time anomaly detection of critical processes
  - AI for predictive maintenance - AI data training forms

- **Easy Installation**
  - No need to hire specialized engineers.
  - No-coding toolset to customize yourself
  - Connects directly to the PLC, without the need to interrupt the line

- **Full Visibility**
  - Obtain visibility of your operation real-time, discover blind-spots and predict inefficiencies
  - Remote configuration
  - Guaranteed ROI and zero food loss

Webee.io Confidential
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
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
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 IIoT
- Quality Assurance
- Supply chain Management
- Safety & Security
- Employee Productivity
- Operations Optimization

- Real-time insights & KPIs
- Automation of controls
- People tracking
- Goods & asset tracking
- Real-time alerts
- Anomaly detection
- Process variables monitoring

IIoT long-term value to your operation
**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](http://www.webee.io)
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
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