AI Enabled Solutions for Industrial Businesses

AI - Artificial Intelligence

VIXIOMATIC — AI Industrial Tracking

Vixiomatic AI Industrial Tracking offers an AI-enabled solutions for industrial businesses. Track and analyze data collected in real-time from industrial operations such as personnel, processes, workflows and transports.

AI Industrial Tracking

Personnel Tracking

- Timesheet tracking
- Personnel safety monitoring
- Work route & activity area coverage

Transporter Tracking

- Passenger Bus Tracking
- Truck & Load Weight Tracking
- Trolley & Indoor Transporter Tracking

Data can be analyzed to identify bottlenecks and issues in operations for potential optimizations.

Process Tracking

- Machine process detection
- Manufacturing flow identification
- Downtime Triggering & Alert

Data

Data

Data

Data collected can be used real-time or compiled to gain actionable information.

Data can provide valuable parameters to automate production process and activities.

Enhancement & Analysis

Data collected will be sent through the three AI programs - VSee, VSense and VSage - to enhance detection & analysis.

Reporting

Data can be compiled for actionable intelligence and input for informative decision making.

VSee
Image Recognition

VSense
Pattern Recognition

VSage
AI Reporting Chatbot

AI

AI Processing

Analytics

.pdf .xls .json .csv

Manufacturing   Heavy Industry

Your Business

Plantation   Government

⚡ Powered by VIXIOMATIC

The Benefits

NON-INTRUSIVE, ACCESSIBLE
Data acquisition components designed to be add-on without directly interfering with machines. Wearable devices improve convenience.

REAL-TIME, EFFICIENT
Real-time data acquisition, monitoring and alert can reduce lead time for action and reduce operational time frame.

FLEXIBLE, CUSTOMIZABLE
Open architecture with in-house software customization team allowing more dynamic application across different industries.
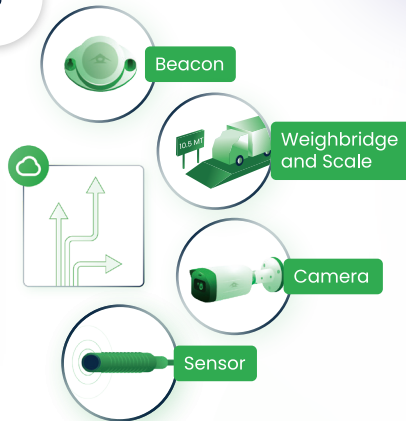
The Components

A

Tablet

Smartwatch

Handheld

Communication Device

Used by field personnel to key-in information and respond to alerts while automatically track and transmit data

B

Beacon

Weighbridge and Scale

Camera

Sensor

Field Data Capture Device

Specialized data capture hardware that can collect and transmit remote data

C

Settings

Alerts

Dashboard

Central Control Panel

Central command and control panel that act as the main operation center to view, track and automate operations

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What can be tracked?

Sensor Data

Detecting various data and readings as data input acquisition

- human vitals - heart rate, steps, stress
- machine data - weight, size, modes
- environmental data - temp, PH level

Physical Processes

Detecting physical processes for data collection or automating the operational activities

- input material level
- operation mode
- current production process

Location

Location tracking for both outdoor and indoor

- real-time position
- presence logging
- proximity detection

Go to

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AI Industrial Tracking

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