MITSUBISHI ELECTRIC
Changes for the Better

Automating the World

FACTORY AUTOMATION

Unlock the Power of Manufacturing Intelligence

Real-time Insights | Actionable Data | Smarter Decisions

ENTSIGHTX

Enabling Manufacturing Analytics through No-code Platform

Introduction

EntSightX is a next-generation Manufacturing Intelligence Platform designed to transform how factories visualize, analyze, and optimize their operations. From shopfloor to enterprise, EntSightX delivers real-time insights by aggregating data from PLCs, SCADA, MES, Historians, and ERP systems into customizable dashboards and actionable reports.

Developed with a deep understanding of factory workflows, EntSightX empowers operations, maintenance, quality, and management teams to make faster, smarter, and more impactful decisions.

CONNECT
Seamless Integration with Machines, Sensors, OT and IT Systems

COLLECT
Acquire Real-time data from assets, processes and environment for a unified data foundation

OPTIMIZE
Driver operational excellence by enabling data driven decisions

ANALYZE
Turn raw data into actionable insights using Visuals and contextual data

Mission
To help our customers achieve their digital manufacturing aspirations

EntSightX
Transforming Industrial Data into Actionable Insights

The Need
To improve turnaround time in solutions delivery

What is EntSightX?

MEI's No-code platform that offers a user-friendly, visual environment where users can assemble and customize applications by dragging and dropping pre-built components and configuring them visually.

Why EntSightX? (The Need)

Modern manufacturing generates vast volumes of machine and production data, but making sense of it is still a challenge. Traditional spreadsheets or generic tools fail to capture real-time plant dynamics and multi-layered KPIs.

- Designed specifically to handle manufacturing operations data
- Enables Rapid development & deployment of applications, by eliminating the complex scripting
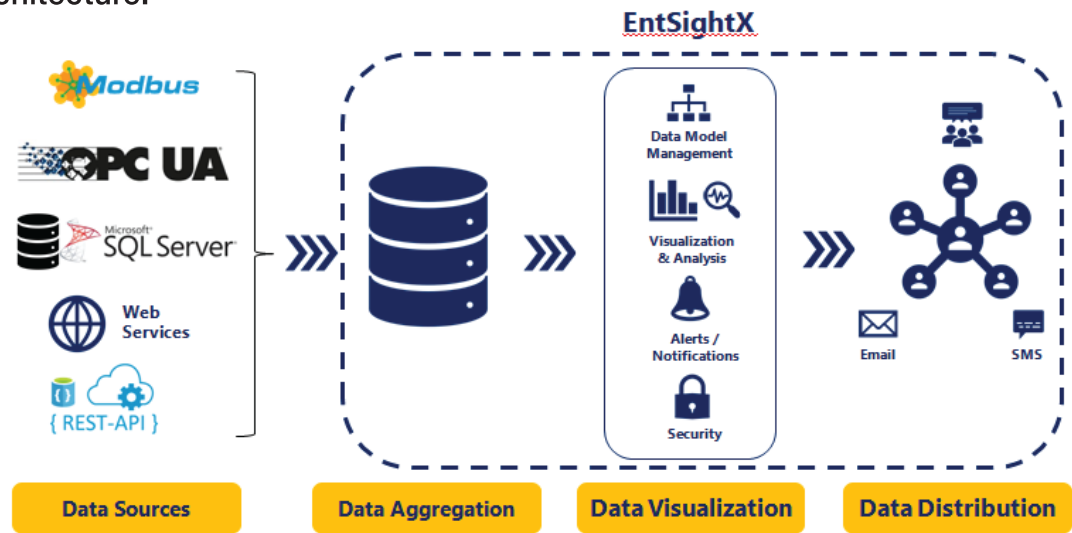- Supports near real-time industrial data unlike traditional BI tools

Key Benefits

✓ Increased OEE & Productivity   ✓ Real-Time Monitoring & Control

✓ Reduced Downtime & Waste   ✓ Faster, Smarter Decision-Making
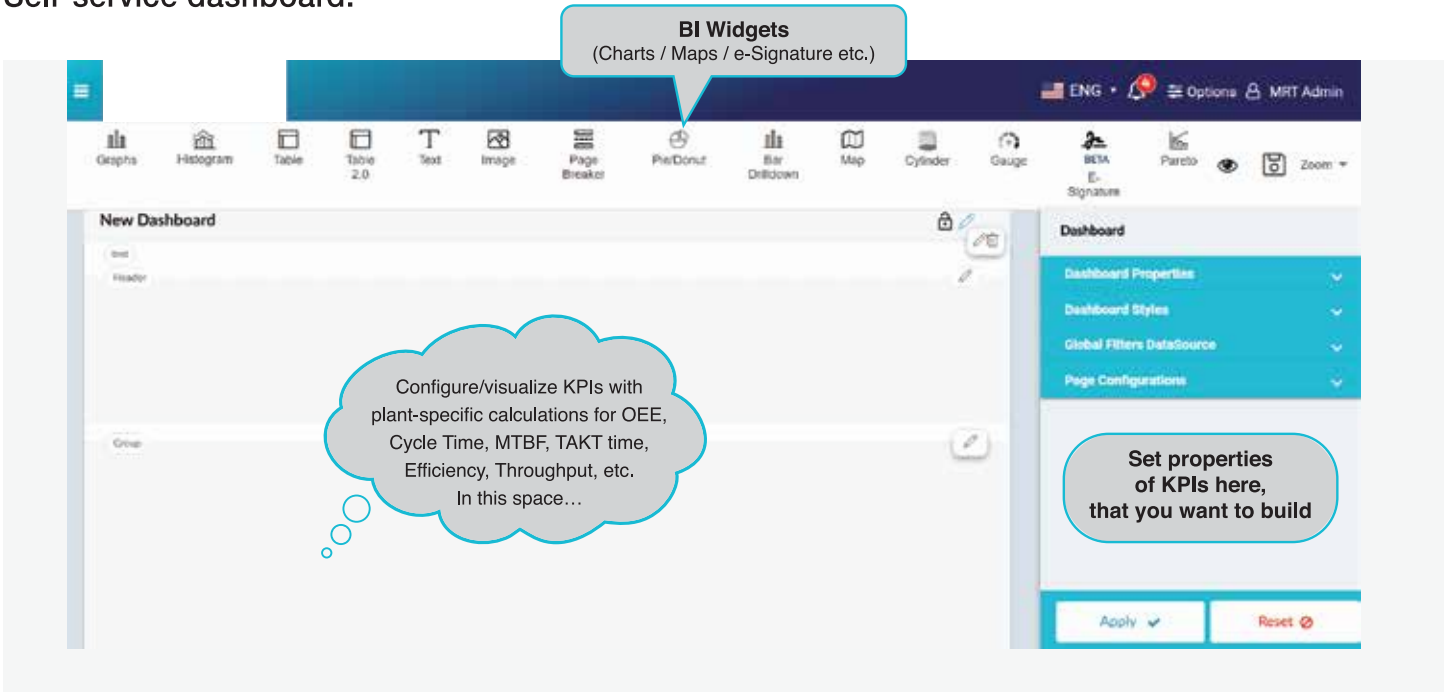
✓ Enhanced Quality & Compliance

Our Solution: Manufacturing Intelligence BI

Our No-code platform turns raw manufacturing data into actionable insights, enabling smarter, data-driven decision-making for optimized efficiency and productivity.
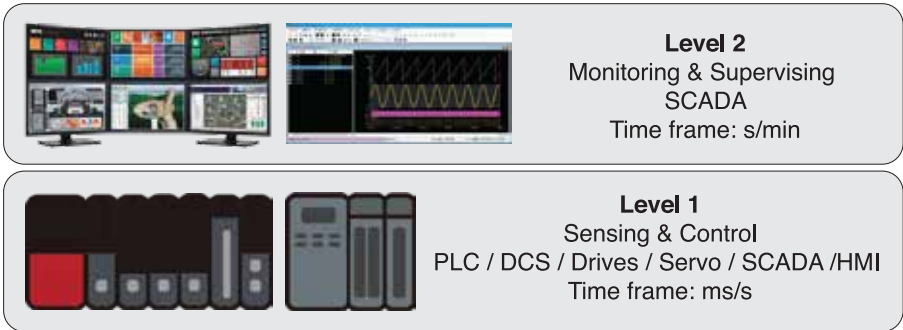
Solution Architecture:

Self-service dashboard:

BI Widgets
(Charts / Maps / e-Signature etc.)

Configure/visualize KPIs with plant-specific calculations for OEE, Cycle Time, MTBF, TAKT time, Efficiency, Throughput, etc.
In this space…

Set properties of KPIs here, that you want to build

Licensing & Price Model

Level 2
Monitoring & Supervising
SCADA
Time frame: s/min

Level 1
Sensing & Control
PLC / DCS / Drives / Servo / SCADA /HMI
Time frame: ms/s

Subscription License (SaaS):
- OEM (For Remote O&M cases only)
- End Customers (All L2 & L2+ Cases)

Perpetual License with Annual S&M Plan:
- OEM (For Standalone Machines only)
- End Customers
  (Standalone machines / process)

Key Features

Real-Time Data Visualization
Interactive dashboards & reports for instant decision-making

Advanced Analytics & Trends
Predictive insights for process optimization

Customizable KPIs & Alerts
Stay ahead with proactive notifications

Seamless Enterprise Connectivity
OPC UA, MQTT, SQL, MES and ERP integration

Cloud & On-Premise Support
Flexible deployment options

Regulatory Compliance
Supports 21 CFR Part 11, GMP and ISO compliance

Industry Applications

- **Automotive:** Real-time tracking of production efficiency & downtime analytics
- **Life Sciences:** Ensuring batch traceability, compliance, and predictive maintenance
- **Food & Beverage:** Monitoring quality parameters & energy consumption analytics
- **Electronics & White Goods:** Optimizing production lines & reducing defects
- **Solar & Green Hydrogen:** Enhancing operational efficiency & monitoring renewable energy production
- **Data Centres:** Improving energy efficiency & real-time infrastructure monitoring
- **Metals:** Optimizing production processes & ensuring quality control
- **Original Equipment Manufacturers (OEMs) / Machine Builders:** Enhancing machine performance & predictive maintenance

Why Choose Us?

- **Proven Expertise:** Years of experience in automation & digitalization
- **Scalability:** Suited for SMEs to large enterprises
- **Customer Success:** Trusted by leading manufacturing industries
- **Support & Training:** Dedicated assistance for seamless implementation

Get Started Today!

Empower your factory with intelligent manufacturing insights - make every decision count!