



Zensar Smart Factory Solutions

TRACK | TRANSFORM | AUTOMATE



Experience the Factory of the Future with Zensar Smart Factory

Zensar’s Smart Factory solution platform is a single system for all connected assets & operations. Smart Factory has built in solutions such as predictive maintenance of machines, connected supply chain, traceability of assets and material within & outside premises and operations such as design, and planning to have full control over the production.



Our Azure IoT based Smart Factory solution platform with real-time integration with ERP/MES systems enables improved inventory tracking, visibility, and real-time monitoring and control of Temp zone. Help increasing forecasting accuracy by up to 45% and energy savings up to 20%

Speak with the Azure IOT experts from Zensar today and receive a complimentary 3 Day Assessment Offer

Become a disruptor in this new-age hyper-connected world by partnering with Zensar. We let you know right away how you can improve performance, reduce costs and improve efficiencies with our Azure IOT Services offerings.

- Realize Increased warehouse productivity by 30%
- Our Smart Factory platform increases sales, operational and energy efficiency by a minimum of 10% simply by Azure IoT enabling your products!

Our Solution Offers

Holistic View: Get a complete picture of asset’s condition with Zensar Asset Tracking Solution using details as location, load weight, vibration information and future maintenance requirements.

Visualize: Use GPS and maps to provide real-time information about assets.

Improve Decision Making: Dashboards, emergency alerts for administrators that greatly reduce time to market, eliminate operational overhead and simplify your workload.

Smart Fleet: Smart Fleet Solution helps in optimization of vehicles, planning of the routes, proper control on the operations of the fleet, keeping a close watch on the some very important parameters like fuel, maintenance cycle, over speeding, unauthorized usages and driver driving behavior.

FREE 3 Day Assessment Offer

Day 0: We learn about your business objectives and share a thorough overview of how our offerings can help achieve your desired goals.

Days 1: Objective setting and scope definitions are determined. Brief overview of the current state and the desired future state. We will also determine the impact on your business functions.

Days 2: We Work with your technical team(s) to collect the data for the exercise. We then design, plan and document the key guiding principles for Smart Factory efforts.

Day 3: We deliver a report outlining a UBI Smart Factory roadmap, timeline and modernization strategy all leveraging advanced Azure services.

Smart Factory Solutions

- Asset Tracking – Items, Tools, Machines
- Asset Monitoring and Management
- Monitor Environmental Factors (HVAC, Power Consumption, Air Quality etc.)
- Smart Bins
- Monitor environmental conditions during transportation
- Theft Detection
- Monitor Pollution controls (poisonous gases, chemicals etc.)
- OEE improvements
- Intelligent waste management in factory
- Digital Locks
- Space Utilization/optimization
- Quality Assurance
- Geo Fencing
- Heap-Map and employee tracking for better efficiency and safety

Smarter the Factory, faster decision making



Our Smart Factory Platform reduces costs and improves efficiencies with services such as:

- Temp Zone Monitoring & Alerts
- Predictive maintenance and quick access dashboards
- Optimized work allocation and resources and utilization
- Employee Tracking through Heatmap and ensure safety and real-time assistance
- Consumes real-time data from thousands of IOT sensors at multiple locations to enable preventative insights

Reduce machine downtime by up to 20% | Reduce product search time by 70%



Our Asset Tracking Solution Platform uses Azure IOT capabilities for:

- Indoor and outdoor asset tracking
- Connecting and monitoring your equipment, devices and assets
- Track and recommend effective product placements
- Seamless integration with numerous IoT devices for effective and meaningful data gathering



25% increased supply chain efficiency

Our Azure AI package enables end-to-end automation in supply chain processes reducing time to go-to-market by up to 30%. Our data integration model improves visibility by 60% across multiple systems, hence delivering an overall efficiency gain of about 30%.



Zensar has the AI, IOT services you need to succeed!

Zensar offers IoT solutions across key verticals like Manufacturing, Retail, Utilities and provides services across the lifecycle of IoT engagements with a customized approach based on your maturity in IoT. We have developed comprehensive IPs around ZenATS, Smart Store, Smart Factory, Smart Warehouse, Smart Fleet, Smart EHS and UBI for Smart Home.

Asset Tracking, Smart Bin and Heat-map Solutions for your Factories & Warehouses, all leveraging the Microsoft Azure IOT, AI platform.

Zensar's Smart factory dashboards & analytics provide actionable insights for any decision maker, anytime and on any device.

Our solution has also utilized the latest Azure Edge Computing enabled dashboards & analytics.

Platform Offerings



Smart Store



Smart Factory



Smart Fleet



Smart Warehouse



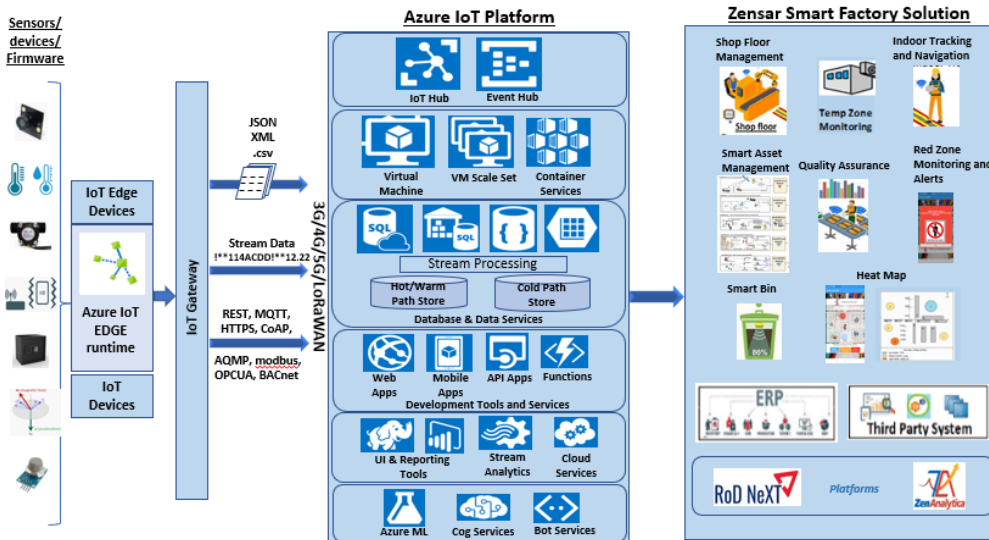
Smart EHS Application



UBI for Smart Home



Smart Campus



Why Zensar?

- Industry leaders recognize Zensar for its Digital Workplace Services
- Globally managed, Gold Certified, Microsoft Cloud Solution Provider
- 20+ years as a Microsoft Partner
- Global reach with 10000+ people
- 1000+ Microsoft projects



Everest recognised our IoT Services in the PEAK™ Matrix Report



Avasant recognised our IoT Services in the RadarView™ Report