

Asset Management System

Industrial Intelligence Solutions

Solutions for Optimizing Digital Operations



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Asset Management System

On-site and Cloud enabled, highly customizable applications for unmatched visibility into your assets and tools with both OEM and client facing components

In the absence of a single source of information, management and tracking of assets at client premises becomes an ordeal for both the client and the OEMs. Keeping continuous track of the machines and assets sold to clients all around the world, subsequent maintenance/repair jobs on these machines, calculating running hours, and handling service requests can be cumbersome.

A lot of time is wasted on gathering all this information either by email follow ups from the client or calls. Top it up with lead times in activating vendor service personnel and you may find yourself staring at unplanned downtimes and losses.

INTECH's AMS

An OEM's Digital Portal to enable an end to end digital experience for the end customers



INTECH's Asset Management System is a centralized platform with both OEM and client facing components to ensure that all aspects of OEM management, sales, after sales, maintenance, service requests, and warranty management can be handled spotlessly with all the required and most requested information just a click away for both the client and OEM.

Application Features



Plant Digital Twin

- ▶ Complete digital library of all OEM assets & single source of data
- ▶ 3D visualization of the customer's system and machine designs
- ▶ Seamless on-boarding of new assets and machines
- ▶ 24/7 availability of all machine-specific information



Plant and Machine Insights

- ▶ IOT integration to cover all OEM-issued customer assets
- ▶ Machine dashboard module for monitoring
- ▶ KPI-based machine performance analyses
- ▶ Machine-specific notifications & alerts



Smart AI-Enabled Services

- ▶ AI-based models covering anomaly detection, RUL, and RCA
- ▶ Multivariate process parameters' analysis for quality prediction
- ▶ Benchmarking through golden batch and deviations
- ▶ Condition-based monitoring of critical assets



Maintenance

- ▶ Activity management through OEM-recommended practices
- ▶ Custom maintenance activity log for breakdown events
- ▶ One-touch access to maintenance guidelines and FAQs
- ▶ Work order/request creation and assignment

Application Features



Customer Care

- ▶ Query & service systems for OEM-customer collaboration
- ▶ OEM knowledge base access to worldwide clients
- ▶ OEM highlights, product promotions, and offers
- ▶ Subscription management and subscription tiers



Remote Service

- ▶ AR-enabled real time video collaboration with customers
- ▶ AR/VR-enabled training of customer personnel by OEM experts
- ▶ Smart maintenance through live collaboration
- ▶ Continuous record management of all client interactions



Shop

- ▶ Smart procurement with one-click search from digital-twin models
- ▶ Granular view of machines to identify parts for smart ordering
- ▶ Full inventory view and auto ordering by maintenance intervals
- ▶ Smart recommendations based on customer behavior



Integrations

- ▶ Integrations with any of OEM's Business systems, ERP, PPS, CRM
- ▶ Seamless Integrations with Purchasing system of end Customers
- ▶ Data connections for mainstream and proprietary system protocols
- ▶ Secure platforms with robust access control and cybersecurity

Benefits

- ▶ Enhanced and continuous visibility of assets and related issues
- ▶ Continuous tracking enables root cause identification of failures, reducing warranty claims
- ▶ Smart Prioritization of inventory based on the historical trends and tracking
- ▶ Smart deployment of personnel for service request jobs across different locations and clients.
- ▶ Single and smart platform for sales across the organization to keep track of all the communication with the client.
- ▶ State of the art analytics module with built in AI algorithms to generate sales projections, service request projections, and inventory prioritization reports.

INTECH's Global Presence and Footprint



Enabling Your Business Evolution

For 30 years

INTECH has been helping industrial businesses enhance process visibility, control, and reliability in their industrial plants and assets. Now, in a rapidly evolving digital world, we are here to partner with you in bringing out the best your facilities have to offer through full enterprise visibility and AI-based insights and analytics



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About INTECH Process Automation

We have been the automation partner of choice for major oil & gas, petrochemical, and power companies around the world; and as the world moves towards Industry 4.0, we help businesses with their digital transformation and adoption of Industrial IoT technologies



13 Offices
Around the
World



450+
Global
Employees



Projects
in over 40
Countries



2000+
Projects
Since 1991

UAE Office

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