Leaders in Marine Manufacturing

Cloud-Based No-Code Shop Floor Apps and Reporting

DEPLOYED IN MARINE SINCE 2003
MARINE LAUNCH PACKAGE FOR QUICK STARTUP

MILESTONE · G2

Users Love Us

FALL 2025 G2 — Best Support — MID-MARKET

SPRING 2025 G2 — Easiest Setup

FALL 2025 G2 — High Performer

FALL 2025 G2 — Easiest To Do Business With

Badge	Segment	Season	Year
Easiest To Do Business With		SUMMER	2024
Easiest To Do Business With	Mid-Market	SUMMER	2024
High Performer		SUMMER	2024
High Performer	Mid-Market	SUMMER	2024
Easiest To Do Business With		SPRING 2025	
Easiest To Do Business With	Mid-Market	SPRING	2024
Easiest To Do Business With		WINTER	2024
High Performer		WINTER	2024
Easiest Setup		WINTER	2025
Easiest To Do Business With		SUMMER	2023
Fastest Implementation	Mid-Market	SUMMER	2023
High Performer	Mid-Market	SUMMER	2023
High Performer		FALL	2023
Easiest To Do Business With		FALL	2023
Fastest Implementation	Mid-Market	FALL	2023
Easiest To Do Business With	Mid-Market	WINTER	2023
Easiest To Do Business With		WINTER	2023
High Performer		WINTER	2025
Best Support	Mid-Market	WINTER	2023
High Performer	Mid-Market	SPRING	2023
Easiest To Do Business With		SPRING	2024
High Performer		SPRING	2024
Easiest To Do Business With	Mid-Market	SPRING	2023
Easiest To Do Business With		SPRING	2023
High Performer		SPRING	2023
Fastest Implementation	Mid-Market	SPRING	2023
High Performer	Mid-Market	SPRING	2024

Confidential and Proprietary

AIMSCO™

Company Introduction

Industry leading manufacturers from custom specialty vehicles to high volume part suppliers rely on AIMSCO's cloud based, no-code platform to build and deploy shop floor quality and production tracking apps with agility, control, and low cost of ownership
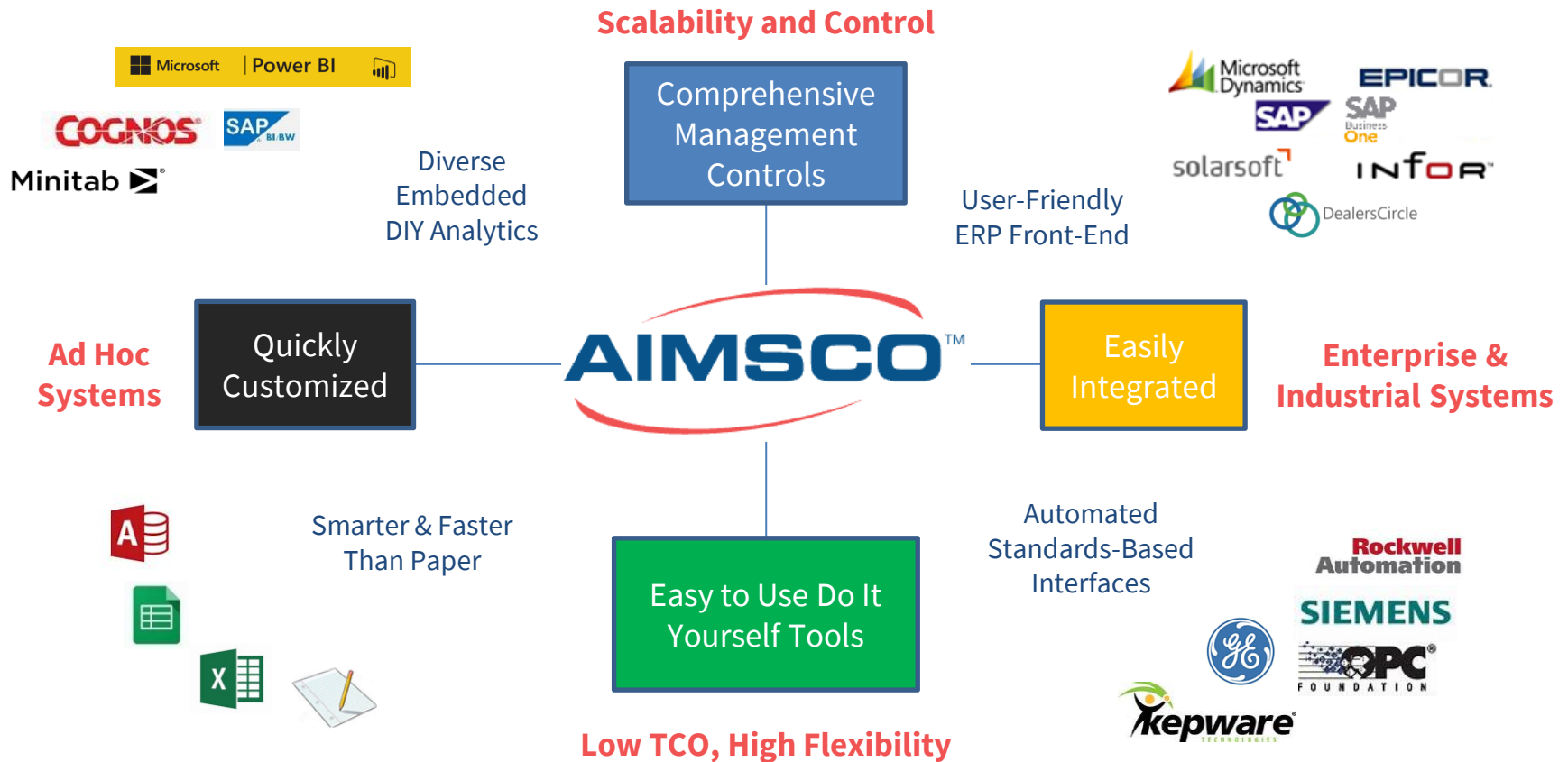
AIMSCO eChecksheets™ (eCS) no-code apps that provide a familiar data collection method for connected workers, while also taking advantage of enterprise and IoT data sources through AIMSCO Integrator™

AIMSCO Power Plant™ delivers unparalleled manufacturing intelligence insight with factory-focused features for self-service analytics leveraging our consolidated eCS repository, optimized for Microsoft Power BI
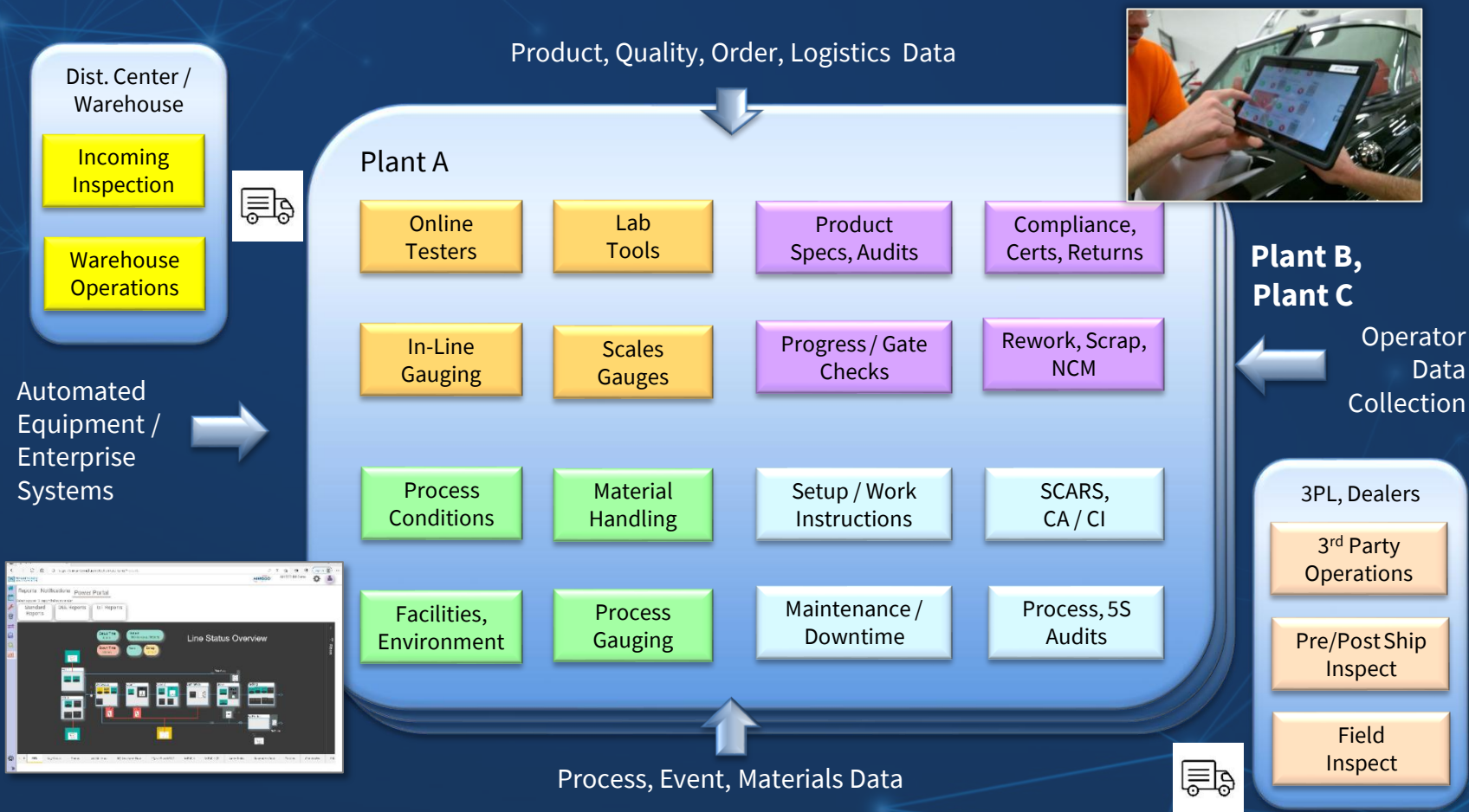
AIMSCO eChecksheets™, AIMSCO Power Plant™ and AIMSCO Integrator™ are trademarks of AIMSCO.
Any other product or company names given are for identification purposes only and may be trademarks of their respective owners.

AIMSCO Combines Enterprise Strength with DIY, Ad-Hoc Agility

Scalability and Control

Comprehensive Management Controls

Diverse Embedded DIY Analytics

User-Friendly ERP Front-End

Ad Hoc Systems

Quickly Customized

Enterprise & Industrial Systems

Easily Integrated

Smarter & Faster Than Paper

Easy to Use Do It Yourself Tools

Automated Standards-Based Interfaces

Low TCO, High Flexibility

AIMSCO eChecksheets™, AIMSCO eCheckitems™, AIMSCO Integrator™ and AIMSCO Power Plant™ are trademarks of AIMSCO. Any other product or company names given are for identification purposes only, and may be trademarks of their respective owners.

Marine Applications of eChecksheets

Consolidate Paper-Based and Siloed Apps With a Comprehensive Operations Data Repository

Product, Quality, Order, Logistics Data

Dist. Center / Warehouse
- Incoming Inspection
- Warehouse Operations

Automated Equipment / Enterprise Systems

Plant A

Online Testers	Lab Tools	Product Specs, Audits	Compliance, Certs, Returns
In-Line Gauging	Scales Gauges	Progress / Gate Checks	Rework, Scrap, NCM
Process Conditions	Material Handling	Setup / Work Instructions	SCARS, CA / CI
Facilities, Environment	Process Gauging	Maintenance / Downtime	Process, 5S Audits

Process, Event, Materials Data

Plant B, Plant C

Operator Data Collection

3PL, Dealers
- 3rd Party Operations
- Pre/Post Ship Inspect
- Field Inspect

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The eChecksheet Advantage

- AIMSCO eCS are the leading digitized version of the industry standard method to collect a variety of production, quality, visual and process data in real time at point-of-use, eliminating paper and providing instant visibility

- Built with an expanding library of eCheckitems™ (eCI), eCS are authored and maintained by client key users to drive continuous improvement with agility

- eCS Managed Models easily maintain standard structures across multiple similar products

- eCI can be automatically populated by equipment interface (IoT) or enterprise / third party systems through standard web service interfaces

- eCS can be quickly deployed at a single site or across multiple plants, languages

- As a Microsoft FastTrack ISV Partner, AIMSCO eCS are optimized for Azure and integrate seamlessly with Microsoft Power BI® to drive advanced embedded analytics

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Marine-Focused Applications

- In-Process Quality with Visual Heatmaps for Lamination, Gel-Coat
- Repair / Rework Sign-off Management
- Visual Production Schedule Display / Management
- Build Book Traceability
- Process Parameters, Performance Test Results
- Work Instructions with Document Management Integration
- ERP / Dealers Circle Integration
  - Order / Option-aware Inspections, Work Instructions
- Automatic ERP move transactions

- Mold Maintenance based on usage, defect rates, powered by Heat Map
- Spray Gun Maintenance
- Quality Alerts / ECN
- Messaging and Notifications
- Corrective and Preventive Actions / Continuous Improvement
- Incoming Materials
- Pre-Ship / Pre-Delivery / Post-Delivery Inspection
- Safety, Process, Product, Compliance Audits
- Equipment Integration (Gauges, Scales, Ovens,…)

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eChecksheets: Faster-Than-Paper

SUPPORT LEAN DATA COLLECTION
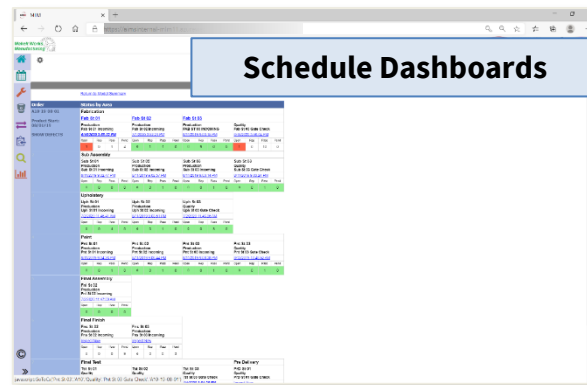

Automated, Standards-Based Interfaces
ERP, Equipment, PLCs, Testers, Gauges, Material Handling, Scanners,…
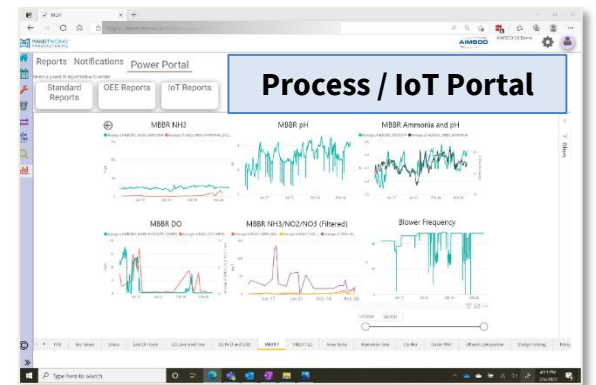
Comprehensive Analytics

STANDARD, CUSTOM AND SELF-SERVE REPORTS, DASHBOARDS, SCORECARDS, PORTALS, AND SLIDESHOWS
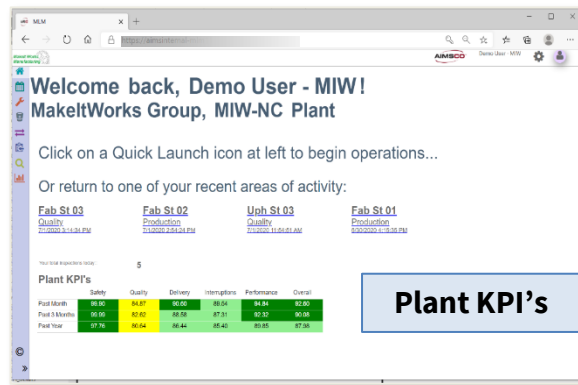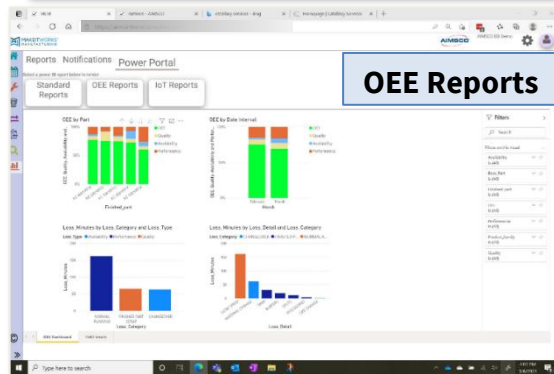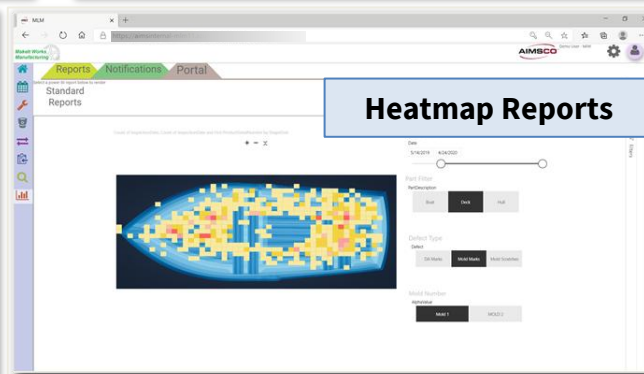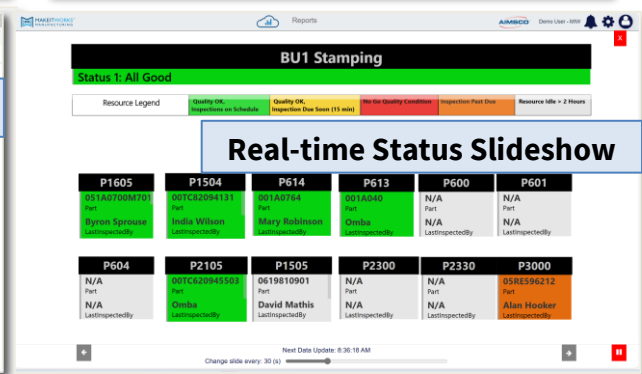

Plant KPI's

Schedule Dashboards

Process / IoT Portal

OEE Reports

Heatmap Reports

Real-time Status Slideshow

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AIMSCO eChecksheets Bring IT & OT Together

ENTERPRISE GRADE INFORMATION AND OPERATIONS MANAGEMENT RESOURCES

Secure Microsoft Azure cloud-based platform

- Secure user access (Azure Active Directory / Office 365 SSO available)
- Dedicated database instances, application sites (production and test)
- Real-time network security monitoring and audits (Azure Security Center)
- High system availability (99.9% cloud, 99.999% cloud / edge hybrid)
- Edge (hybrid) / on-premise deployment and VPN tunnel options available
- Microsoft Azure FastTrack ISV partner, Azure Marketplace supplier

User Management / Support

- Enterprise portals – Power BI Embedded, On-line Enterprise Support Portal (ESP)
- Email / phone / online support; 24x7 option available
- User / group managed roles and permissions

Available Integration Options

- IoT / OPC / SCADA / Equipment / AutoID: Integration API's, connectors
- Reporting: SSRS / Power BI / Office (Excel, Word, PDF) / 3rd Party BI / Data Lakes
- ERP: Integration API's, Azure Data Factory, connectors, data lakes / warehouses

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CASE STUDY – MARINE OEM

Scenario: Hand-written quality management using Excel-based forms. Stacks of finished good history records. High overhead for inspectors, data entry clerk and quality manager, slow report turnaround.

Goal: Improve quality levels, reduce inspection and paperwork overhead, get real-time reports

Solution: Implement AIMSCO eChecksheets apps for quality and maintenance management

- **Warranty:** Reduced warranty costs by up to 50%

- **Process:** Reduced inspection / rework overhead in all areas by 25%, patch area by 75%

- **Reporting:** Provided online real-time access to all inspection records and reports, unit progress through the floor including gig work-off

- **Responsiveness:** Alerts about active issues are delivered directly to operators on the shop floor. Email / text notification of critical issues sent to management, with tiered escalation

- **Plant and Equipment:** Identified previously unknown equipment-based root cause of highest rework category and instituted ongoing equipment maintenance with AIMSCO, reducing rework

- **Market Position:** Customer received top industry recognition, reduced warranty claims by 50%

- **Self Service:** Quality technician (non-programmer) maintains / enhances system part-time
      No IT overhead due to cloud deployment – customer has no dedicated IT staff

- **Continuous Improvement:** No-code Power BI reporting tools help customer drive quality to next level, measure conformance with industry standards, involve suppliers, and link with field service / warranty

Payback: 4 months

Getting Started

MARINE LAUNCH IMPLEMENTATION PROCESS – SUMMARY OVERVIEW
TYPICALLY KICKS OFF WITHIN TWO WEEKS OF CONTRACT ACCEPTANCE

Project Phase Description	Estimated Duration	Client Resources	Description / Comment
Planning / Activation	2-5 days	Core Team: 4 hrs Mgmt Team: 1 hr Plant IT: 4 hrs	Up front planning and setup to support onsite training, define requirements for long lead time items, outline core system implementation timelines, plan for needed ERP / DealersCircle / IT integration.
Onsite Training	2-3 days	Mgmt Team: 4 hrs Core Team: 18 hrs	Onsite training, including management overview, hands-on Core team training, first-draft operations review w/ users.
Site / Data Preparation	15-30 days	Core: 80-120 hrs*	Primarily Core team / IT activity, supported by AIMSCO consultant online. Prepare eChecksheets & IT infrastructure including ERP / DealersCircle connection for initial line implementation. Duration depends on initial implementation scope, resource allocation.
Go Live / Stabilize	15 days	Core: 80 hrs	Transition from test to production, user training, reports confirm / expand

Estimated Duration – 34 to 58 days   **Turnkey Options Available to Reduce Client Core Team Efforts By Up To 50%*

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Let's Transform Your Marine Operations Together

Ready to eliminate paper, boost quality, and gain real-time insights?

- Rapid Deployment in under 60 days
- Proven ROI with payback in as little as 4 months
- No-code tools for continuous improvement
- Seamless integration with ERP, IoT, and analytics platforms

📞 **Contact Us Today | ✉ sales@aimsco.com | 🌐 www.aimsco.com | 🔢 Schedule a Demo**