



fruiSCE® Warehouse Management System (3PL)

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Challenges in managing your Warehouse Operations....

Do you face any of these problems in managing your warehouses?

In today's rapidly evolving logistics landscape, **Third-Party Logistics (3PL)** providers face significant challenges in warehouse management. From retail and e-commerce to manufacturing and automotive industries, 3PL warehouses are the critical hubs ensuring the seamless movement of goods across the supply chain.

Common challenges include **inventory accuracy**, **space utilization**, **supplier coordination**, **scalability and flexibility**, and **real-time visibility** into operations to drive informed decision-making.

Diverse types of 3PL warehouses, whether handling **cold storage**, **bulk goods**, or **last-mile distribution**, bring their own set of operational complexities, each requiring tailored approaches to manage efficiently.

The growing trend towards **just-in-time inventory** and increasing pressure from customers for faster, more flexible services further intensify these challenges. 3PL providers must continuously optimize space, adopt automation, and streamline workflows to remain agile and competitive in the global supply chain ecosystem.

Inventory Accuracy & Visibility!

Labor Management & Retention!

Scalability and Flexibility!

Technology Integration!

Cost control and Optimization!

Recognize the **Advantage** of adopting WMS

As companies have traditionally managed warehousing manually, the true benefits of a WMS in **enhancing efficiency** and accuracy have often been **overlooked**. WMS is a necessity if you are to achieve the full potential of your warehouse operations.

- Picking errors can be avoided to a great extent if the material is stored at the right place and WMS improves the picking efficiency.
- The inventory status, stockouts, and number of times a company sells and replaces the goods in the inventory can be accurately determined.
- By storing the materials at the right place in the inventories, warehouse space utilization can be optimized.
- Inbound activities can be executed at an improved pace and finished promptly with intelligent putaway strategies.
- Any order once placed is executed, processed, and delivered on time if a warehouse management system is in place.

fruiSCE® WMS

**addresses all of your Warehousing
challenges**

**Manual operations will only hinder the performance
and warehouse operators will struggle to achieve
excellence in today's competitive landscape.**

Implement WMS and transform your Warehouse Operations forever!

Top reasons holding your organizations back from implementing WMS are, Cost, Integration challenges, Resistance to change, Customization concerns, Maintenance and support, and Scalability concerns.

WHAT DO YOU LIKE TO HAVE?

Gain real-time visibility of the inventory

Maximize warehouse space utilization

Automate your inbound and outbound operations

Plan equipment, labour, and space requirements automatically

Warehousing Analytics at your fingertips

ADAPT OR FALL BEHIND...

fruiSCE® WMS

Does it all for you...

- fruiSCE Warehouse Management System (WMS)—a comprehensive solution designed to transcend these challenges and elevate warehouse management to new heights of excellence.
- Leveraging the latest technologies such as AI-driven analytics, Internet of Things (IoT) integrations, and real-time data processing, fruiSCE WMS provides end-to-end visibility and control over all warehouse operations. The system's advanced features include automated inventory tracking, intelligent resource allocation, and predictive maintenance, ensuring optimal performance and minimal downtime.
- With capabilities to handle multi-warehouse environments, fruiSCE WMS adapts seamlessly to different operational needs, from high-volume distribution centers to specialized cold storage facilities. It empowers businesses to achieve unprecedented accuracy in inventory management, faster order processing, and significant cost reductions.
- Additionally, its user-friendly interface and customizable modules ensure that the solution can be tailored to meet the specific requirements of any industry, driving operational excellence and setting a new standard in warehouse management.

Summary of challenges in managing your Warehouse Operations

Managing warehouse capacity poses a critical challenge in warehousing operations, impacted by both industry growth and real estate price hikes. Balancing **space utilization** and expansion needs is increasingly complex.

Effective **inventory management** is pivotal in optimizing operations, ensuring sufficient stock levels while minimizing carrying costs and stock-outs. Striking this balance demands robust forecasting and efficient replenishment strategies.

Effective data management and **analytics** are crucial for informed decision-making and operational efficiency, requiring robust systems and strategic insights for optimal outcomes.

Integration and interoperability are essential for seamless communication and efficiency across systems, requiring cohesive strategies and **compatible technologies** for streamlined operations.

Poor end-to-end **visibility**, lack of track & trace is a significant hurdle in operational efficiency, affecting timely decision-making and overall supply chain performance. Need real time visibility to solve the problem.

Maintaining rigorous **quality control** is essential for ensuring product consistency and customer satisfaction, necessitating stringent inspection protocols and continuous improvement initiatives.

Scalability and flexibility are key for adapting to changing demands and expanding operations efficiently, necessitating agile strategies and adaptable infrastructure.

AI/ML models are transformative in optimizing processes and insights, demanding strategic deployment and continuous refinement for enhanced operational efficiency.

Solution for your Challenges in managing 3PL Warehouses

Key Challenges

- Inventory Accuracy & Management
- Space Utilization
- Order Accuracy & Fulfilment
- Scalability and Flexibility
- Real-time visibility and Tracking
- Labour Management
- Client specific customization
- Integration and Interoperability
- Compliance and Safety
- Cost control and Efficiency

How fruiSCE WMS addresses the challenges

fruiSCE WMS offers advanced inventory tracking features, ensuring real-time updates on stock levels. It supports barcode and RFID scanning, preventing discrepancies and providing visibility over multi-client inventories..

fruiSCE WMS utilizes smart algorithms to maximize space utilization by suggesting optimal storage locations, ensuring efficient use of every square foot, reducing bottlenecks, and enhancing overall warehouse flow.

fruiSCE WMS improves order picking accuracy through automated picking strategies like wave and zone picking. It integrates seamlessly with conveyor systems, reducing manual errors and improving fulfillment speed.

Designed with scalability in mind, fruiSCE WMS can easily accommodate the growth of your warehouse operations. Whether you're expanding your facility or onboarding new clients, the system scales seamlessly without disruption.

With fruiSCE WMS, 3PL providers can offer their clients full visibility into inventory levels, order status, and warehouse operations. The system provides real-time dashboards and reports, enhancing transparency.

fruiSCE WMS optimizes workforce productivity through automated task assignments, tracking labor performance, and suggesting improvements for efficient picking, packing, and loading tasks, thus reducing labor costs..

The system is designed for flexibility, allowing customization for each client’s workflow. fruiSCE WMS supports client-specific labels, packing instructions, and customized reporting, making it easier to handle diverse requirements without operational disruptions.

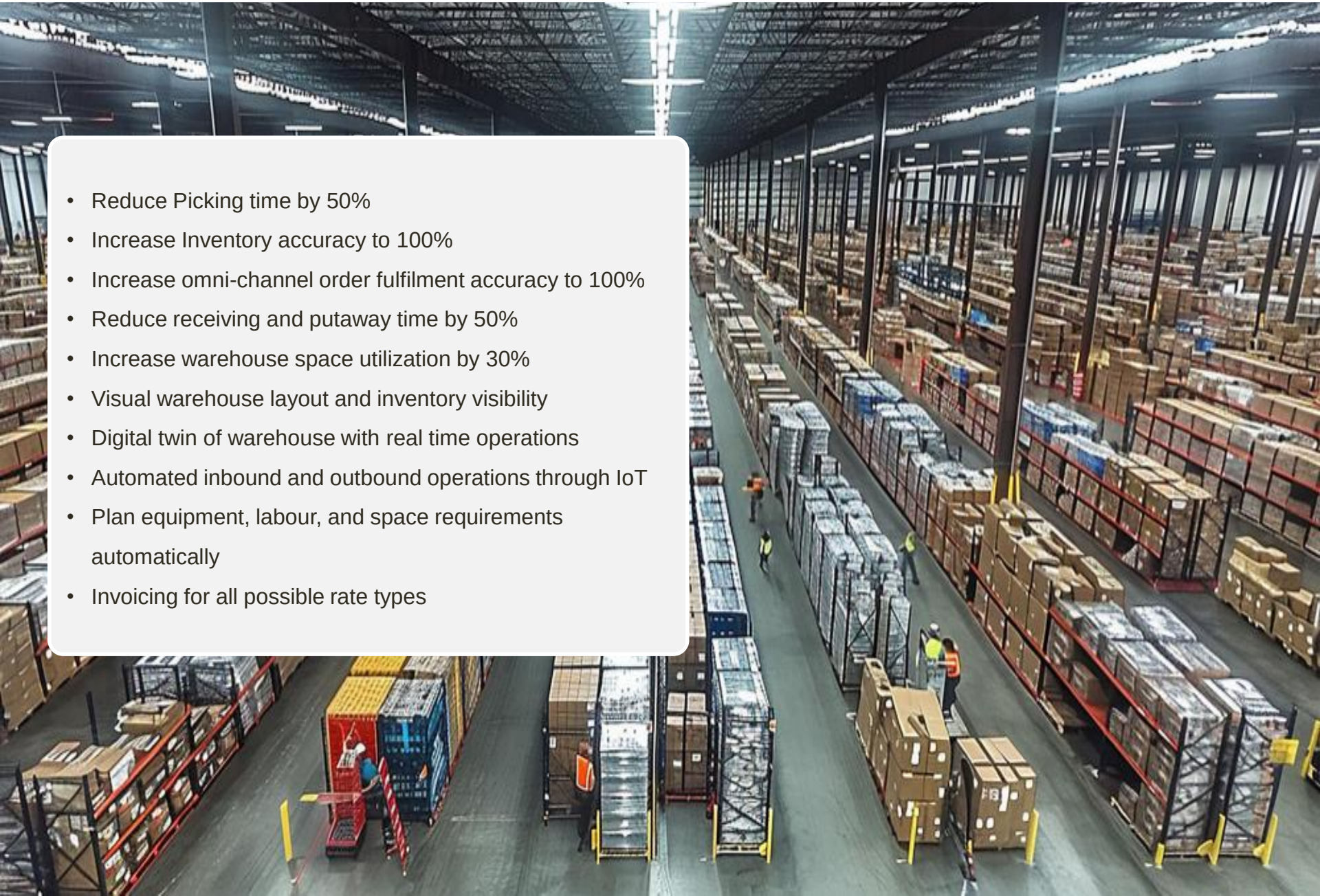
fruiSCE WMS offers easy integration with various client systems, such as ERP, TMS, and other logistics software, enabling seamless data flow, minimizing delays, and reducing manual entry errors.

fruiSCE WMS includes built-in compliance tools for industries such as food, pharmaceuticals, and hazardous materials. It automates the monitoring of shelf-life, temperature controls, and quality assurance, ensuring compliance with regulations.

By automating critical warehouse functions, fruiSCE WMS reduces overhead costs associated with manual operations. It improves inventory turns, reduces lead times, and optimizes resource allocation, contributing to a more cost-efficient operation.



- Reduce Picking time by 50%
- Increase Inventory accuracy to 100%
- Increase omni-channel order fulfilment accuracy to 100%
- Reduce receiving and putaway time by 50%
- Increase warehouse space utilization by 30%
- Visual warehouse layout and inventory visibility
- Digital twin of warehouse with real time operations
- Automated inbound and outbound operations through IoT
- Plan equipment, labour, and space requirements automatically
- Invoicing for all possible rate types



Key Features of fruISCE® WMS



Purchase Order

Create purchase order for multiple line items, pricing, and structures manually or automatically.



Putaway

Perform putaway with appropriate putaway strategy through mobile app easier & faster..



Sales Order

Create sales orders manually or automatically, and accurately aligned with priorities for delivery.



Inventory Management

Manage inventory to increase accuracy, visibility, reduced waste, and achieve higher service levels..



Invoicing

Prepare and settle invoice with all kind of pricing, rates, and options with GST enablement.



Gate-in and gate-out

Register gate-in and gate-out time stamps with security process linked to receiving and delivery..



Goods Receiving

Receive shipments aligned with ASN or EDI notifications and generate GRN faster and accurate.



Cross-Docking

Perform cross docking of all kinds through proper triggers and processes in a cost-effective way



Manufacturing Order

Deliver the products to shop floor with kitting, trolleys, empties, and with right picking process.



Picking & Dispatch

Perform picking based on robust picking strategy to achieve customer service level.



Billing Module

Billing by volume, weight, units, packing, duration, and all other options for simplified process.



E-commerce integration

Integrate e-commerce portals for faster and better receiving and delivery process

IoT/ Barcoding/QR Coding

Process Mining

Artificial Intelligence & Machine
Learning Models

Robotic Process Automation

Mobile Application

eCommerce Integration

ERP & TMS Integration

Visual Management

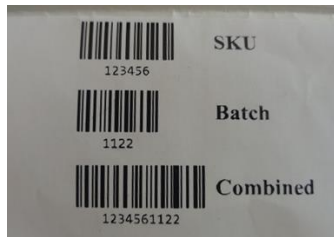
Cloud



Scanner



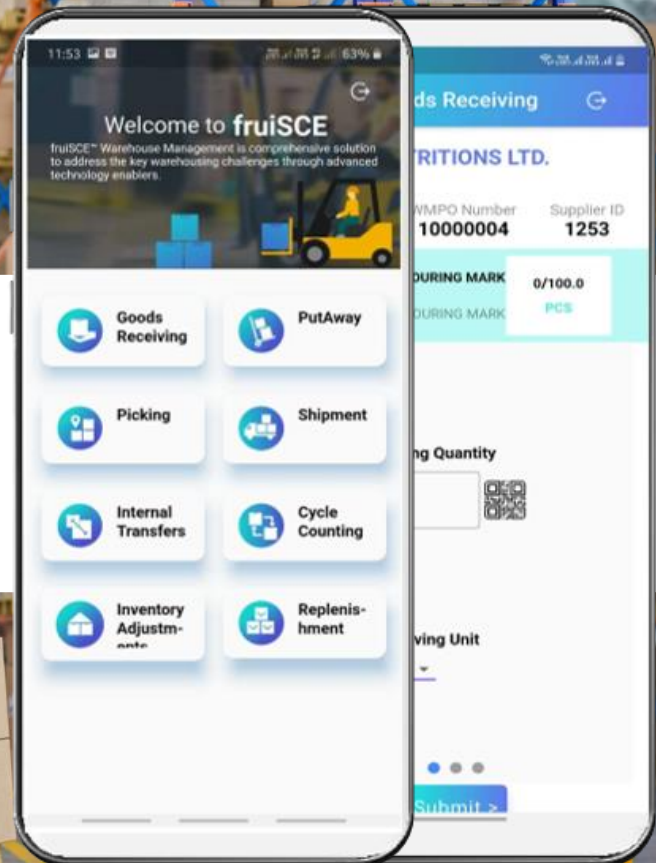
Bar Code Printer



Supports Different Barcode Type



RFID



Approach to Achieve Excellence

- ✓ Achieving warehouse operational excellence with fruiSCE WMS involves strategic use of advanced technologies and best practices.
- ✓ Start with a thorough needs analysis, set goals, and customize fruiSCE WMS accordingly.
- ✓ Utilize IoT for real-time tracking, AI-driven analytics for demand forecasting, and automate inventory management and order processes.
- ✓ Streamline workflows, optimize resource allocation, and ensure staff training for continuous improvement.
- ✓ Implement automated quality control and predictive maintenance, scale operations efficiently, and monitor KPIs regularly to maintain high standards and customer satisfaction.



About Data Labs India



fruiSCE® ERP Purchasing & Inventory • Sales & Distribution • Marketing & CRM • Manufacturing & Quality • Accounting & Human Resources • Projects, Facilities, & e-Commerce	fruiSCE® Manufacturing • Manufacturing Management • Quality Management • Maintenance & Asset Management • Energy Management • Planning (MPS/MRP/Scheduling) • Machine & PCS Integrations	fruiSCE® Logistics & Global Trade • Transportation & Fleet • 3PL Operations • Asset Maintenance • Finance & Statutory • Global Trade Management • Operations Management	fruiSCE® Supply Chain Planning • AI/ML Driven Forecasting • Demand & Capacity Planning • Sales & Operations Planning • Resource Planning • MPS, MRP, & Scheduling • Historic Data Management
fruiSCE® Business Networks • Multi-Level Order Fulfilment • Multi-Tier Inventory Management • Demand Sensing & Response • Supply Chain Visibility • ESG & Supply Chain Risk • Close Loop Supply Chain	fruiSCE® Warehouse Management • Putaway & Picking Strategies • Barcode & RFID Empowered • Mobility • Warehouse Performance • End-to-End Operations Management	fruiSCE® Supplier Connect • Supplier Registrations • RFP, RFQ, & PO • Purchase Management • ASN & Inbound Logistics • Performance Evaluation	fruiSCE® Control Tower • Visibility of Inventory & Orders • Capacity Planning • Collaboration • AI/ML driven Notifications & Alerts • Supply Chain Performance
fruiStrategy® Enterprise Strategy Management Strategy Analysis Balanced Scorecard (BSC) Objectives & Key Results (OKR) People Performance Enterprise PMO Budgeting & Planning Risk & Compliance Alignment Organizational Performance ESG Assessment OHI Assessment Performance Dashboards			



- ✓ Data Labs India is an innovative IT solutions company dedicated to enhancing business excellence and competitiveness across sectors. Collaborating with industry leaders and technology experts, we specialize in manufacturing, supply chain management, enterprise performance, ERP, and business analytics.
- ✓ Our tailored solutions streamline operations, boost productivity, and maintain a competitive edge. Leveraging AI, process mining, RPA, and IoT, we drive efficiency and innovation, delivering real-time insights and seamless integration to help clients achieve strategic goals and sustainable growth.

Challenges

Solution

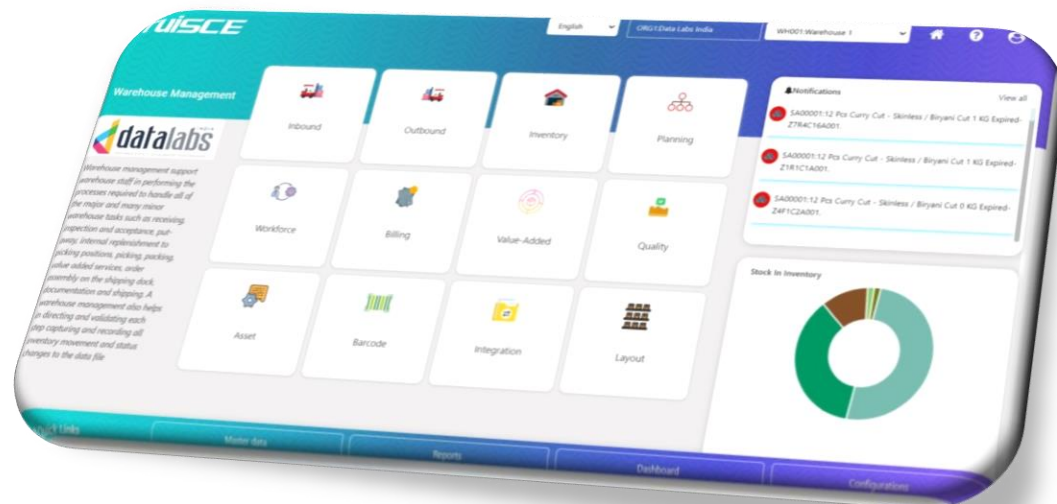
Features

Approach

Credentials

Product Demonstration

- Experience firsthand the transformative capabilities of our fruISCE Warehouse Management System (WMS) through a crucial demo. See how it streamlines processes, reduces errors, and enhances efficiency with real-time data tracking, automated inventory management, and intelligent resource allocation.
- Our WMS integrates AI-driven analytics and IoT for actionable insights, boosting productivity, profitability, and customer satisfaction. Scalable and flexible, it adapts to your business growth, making fruISCE WMS a strategic choice for sustained competitive advantage and operational excellence.

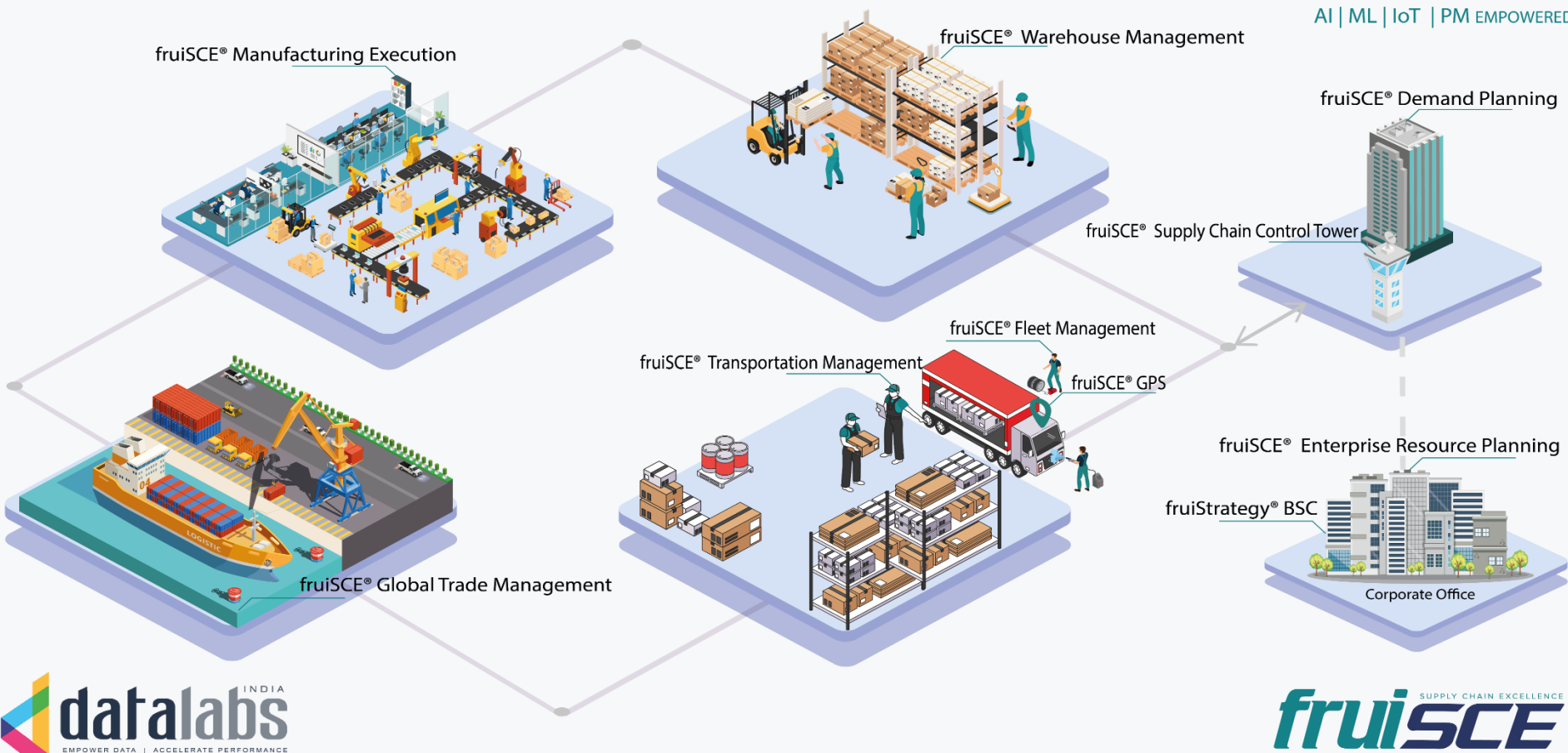


Selected Clients & Success Stories



Make your Supply Chain a competitive advantage

AI | ML | IoT | PM EMPOWERED



Transforming your supply chain into a competitive advantage is crucial in today's dynamic market. By leveraging AI, machine learning, and IoT, businesses gain real-time visibility and control, enhancing efficiency, reducing costs, and improving customer satisfaction through accurate demand forecasting and streamlined logistics. Integrated supply chain solutions foster collaboration, agility, and resilience, enabling swift adaptation to market changes and mitigation of risks. Sustainable practices ensure compliance and meet consumer expectations, ultimately strengthening market position and driving long-term growth.

What Next

Contact us now for a live demo and witness how fruISCE WMS transforms your Warehouse operations

- ✓ Experience the revolution in warehouse operations and supply chain management with a live demo of our fruISCE Warehouse Management System (WMS).
- ✓ Discover firsthand how our advanced technology streamlines processes, boosts productivity, and drives profitability, tailored to your unique business needs.
- ✓ Contact us today to schedule your personalized demo and gain a competitive advantage in your industry.
- ✓ Together, we can enhance efficiency, reduce costs, and exceed customer expectations, ensuring your business remains agile and ahead of the competition.



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