

InterSystems Data Platform for Rapid Development, Data Integration, and Flexibility in the Supply Chain



Organizations recognize the importance of an optimized supply chain for business success, but data and application silos, complex partner ecosystems, and periodic market disruptions make it challenging to achieve in practice.

Supply chain executives worldwide rely on InterSystems technology to improve business results by enabling better decision-making; creating streamlined, data-driven, end-to-end processes; and providing accurate real-time visibility and traceability across their supply chains.

InterSystems data platform is next-generation data management software that complements your existing data and application infrastructure with rich database management, integration, API management, and analytics capabilities to provide better decision-making capabilities and deliver business outcomes, including:

- Supply-chain visibility
- Demand forecasting
- Inventory optimization
- Pricing optimization
- Staffing optimization

How InterSystems Data Platform Optimizes the Supply Chain

- Simplifies development by providing all the integration, database management, and analytics capabilities you need to expedite a wide variety of supply chain initiatives
- Eliminates the need to rip and replace by complementing existing infrastructure. It integrates and connects applications and data silos.
- Makes you more agile. You can deliver flexible and customizable applications that adapt to changes in networks and process flows.
- Delivers a quick return on your investment with rapid development, lower total cost of ownership, and reduced maintenance
- Gives you flexible deployment options by supporting on-premises, cloud-agnostic, hybrid, and multi-cloud development environments and by providing native support for containers

What follows is a small subset of our customer success stories.

Customer Success Stories

Supply Chain Visibility & Optimization

CFAO

CFAO, a €4.2-billion (\$5.1-billion), French, third-party logistics provider with business in 36 African countries and seven French overseas territories

CHALLENGE

Address multiple data management challenges spanning real-time, supply chain visibility; customer experience; e-commerce; and support for brick-and-mortar shopping malls for 120 subsidiaries across 40 countries into a composite business process eliminating blind spots.

OUTCOME

- Unified commerce
- 360-degree view of customers for better buying experience
- New revenue channels created from data intelligence
- Interoperability among existing applications and systems
- IT seen as contributor to company success



Optimized Visibility and Inventory Planning Insight

MSC

MSC (Mediterranean Shipping Company), a world leader in container shipping servicing more than 500 ports on more than 230 trade routes, carrying 23 million TEU (twenty-foot equivalent units) containers annually

CHALLENGE

Manage, process, validate and enable actionable insights to disruptions for large volumes of data in real-time and make it available to stakeholders, including customers, via web-based track and trace tool.

OUTCOME

- Interoperability among systems of many providers and agencies
- Tracking of more than one billion shipping container movements
- Processing of 400,000 container movements per day in real time
- Optimized IT infrastructure
- MSC system solutions hosted on cloud
- Enable optimized inventory planning for customers



Digital Transformation of Supply Chain

PALTAC Corporation

Paltac Corporation, Japan's largest wholesaler of cosmetics, daily necessities, and over-the-counter pharmaceuticals, moves 50,000 items from 1,000 manufacturers to 400 retailers operating 50,000 stores.

CHALLENGE

Adopt a next-generation system infrastructure to enable digital transformation that will increase revenue and improve efficiencies

OUTCOME

- In-store support application, first step in its digital shift, developed in just five months
- Streamlined customer experience
- Improved productivity throughout supply chain
- Increased sales



Inventory Control at Shelf Level

SPAR Austria

SPAR Austria, a member of SPAR, the world's largest food retailer consortium, is a €8.3-billion (\$9.9-billion) company with more than 1,500 stores in Austria.

CHALLENGE

Create an enterprise resource-planning and point-of-sale system to help local store managers control their inventory at shelf level

OUTCOME

- Real-time accurate data ensuring correct movement of stock, inventory, and pending deliveries
- Flexible scalability for continuous roll-out and growth
- Improved workforce efficiency and satisfaction
- Automated weekly demand forecasting for promotions across 1500 stores

Warehouse Management

Chess Logistics Technology

Chess Logistics Technology, creator of management and logistics computing applications and services in the logistics, food and retail distribution, industrial, and manufacturing sectors. Users include major hospitality, food and grocery supply chain, and food distribution businesses in the United Kingdom.

CHALLENGE

Develop warehouse management systems combining industry best practices with easy-to-enhance functionality

OUTCOME

- Ability to create sophisticated warehouse management systems rapidly and cost-effectively and tailor them to customer needs
- Reduced operating costs with improved picking accuracy, productivity, and resource allocation
- Market-leading throughput, scalability, and reliability
- Easier analysis, coding, and testing of complex situations and procedures



Foundation for E-Commerce Platform

Chadwicks Group

Chadwicks Group, Ireland's leading building supplier and home improvement specialist, operates 50 branches nationwide and employs more than 1,300 people

CHALLENGE

Transform e-commerce capabilities and develop innovative new services

OUTCOME

- Cloud-first ecosystem with seamless flow of data
- Increased customer interaction
- Rapid development of new services
- Real-time reporting and analysis
- High-speed, high-volume data processing
- Agility to adapt to emerging opportunities



Logistics Optimization

Murata Machinery

Murata Machinery, one of the world's leading manufacturers of logistics automation solutions that combine a variety of automated material handling equipment, robotics, and IoT

CHALLENGE

Implement a foundational data platform capable of high-speed transaction processing and integration of data from multiple systems, including supply chain optimization, equipment-maintenance, shipping, and IoT systems

OUTCOME

- Optimization of shipping operations resulting from integration of warehouse-management and associated systems, such as loading systems
- Stable operation and high-speed processing of material-handling system equipment
- Preventive and predictive maintenance enabled by collection and analysis of real-time raw data from material-handling equipment



Containers & DevOps

awinta GmbH

awinta GmbH, a market leader for pharmacy software in Germany with 700 supported users

CHALLENGE

Enable cross-site, continuous development and easy deployment of pharmacy software

OUTCOME

- Native support for container technologies enables fast version changes
- Shorter release cycles
- Simple and efficient deployment of new features
- Shorter update times for customers

Development of Next-Generation, Supply Chain Applications

snext

snext, a technology company offering SaaS for supply chain applications

CHALLENGE

Deploy foundational data platform to enable fast development and deployment while integrating and normalizing data from multiple sources

SOLUTION/OUTCOME

- Accelerated and simplified development, deployment, and maintenance of next-generation supply chain SaaS offerings for product categorization, inventory control, and demand monitoring
- Ability to work with users' existing systems
- Integration of data from fragmented systems
- Scalability

About InterSystems

- Leading provider of data technology for extremely critical data in the supply chain, healthcare, finance, and manufacturing sectors
- Founded 1978
- Privately held, profitable
- Industry Recognition
 - Named a Visionary in the 2022 Gartner® Magic Quadrant™ for Cloud Database Management Systems
 - Named a Leader in The Forrester Wave™: Multimodel Data Platforms, Q3 2023
 - Ranked a Strong Performer in the Forrester Wave™: Translytical Data Platforms, Q4 2022
 - Ranked a Strong Performer in the Forrester Wave™: Data Management for Analytics, Q1 2023
 - Named Exemplary Vendor in the Ventana Research Data Platforms Value Index 2023
- Award-winning, 24/7 support for customers and partners in more than 80 countries
- 26 office locations worldwide

For more information, please visit InterSystems.com/SupplyChain or contact us at info@InterSystems.com.

Gartner, Magic Quadrant for Cloud Database Management Systems, Henry Cook, Merv Adrian, Rick Greenwald, Xingyu Gu, 13 December 2022

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