

Unified Data for Intelligent Decision-Making

Mark Holmes
Senior Supply Chain Advisor

About InterSystems



We Are the Engine Behind the World's Most Important Applications



Global leader in data management, integration, and analytics

Unparalleled performance, scalability, interoperability, and reliability

More than **1,000** enterprise class customers across Manufacturing, FMCG, Retail, Healthcare, Financial Services, and virtually all other sectors

Pioneered "Smart Data Fabric" approach to managing diverse and distributed data

Private and consistently profitable since **1979**

2023 revenue greater than **\$1 Billion**

HQ: **Cambridge, MA**
39 offices worldwide
1,950 employees

Real-time tracking **20 million+** shipping containers globally

A Few of Our Customers We Provide Value To...

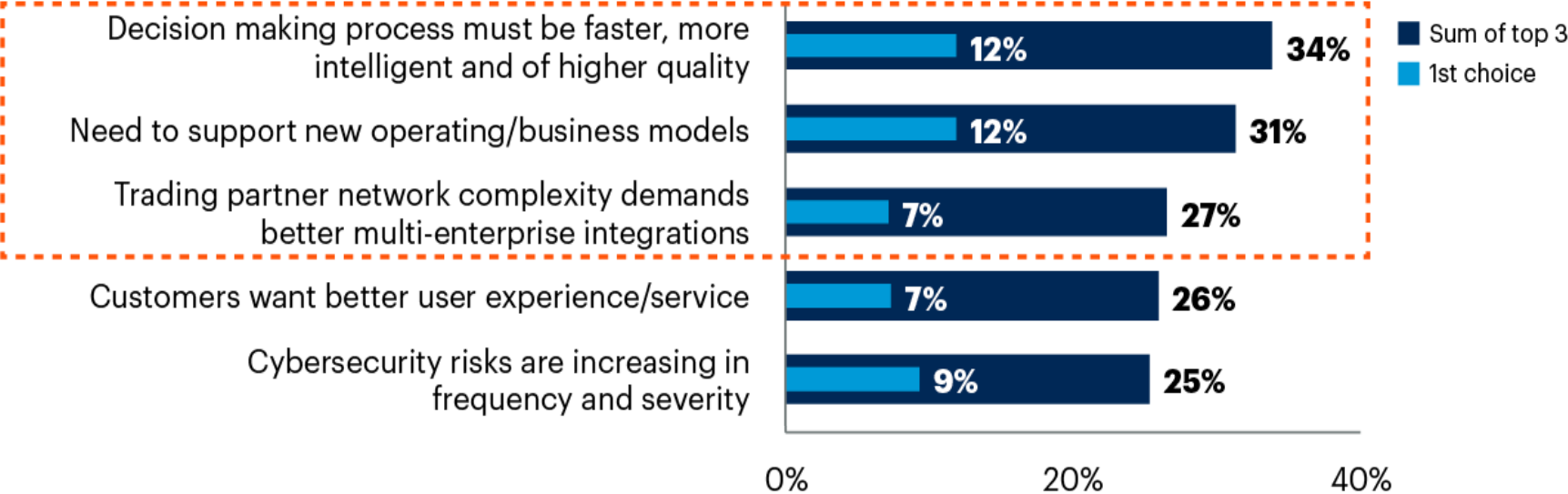


Top Trends in Supply Chain Technology 2024



Motivating Factors to Invest in Supply Chain Technology

Sum of top 3 ranks and rank 1



n = 505, all respondents excluding don't know

Q: Which of these are the top 3 most important factors motivating your organization to invest in supply chain technology areas over the next 2 years?



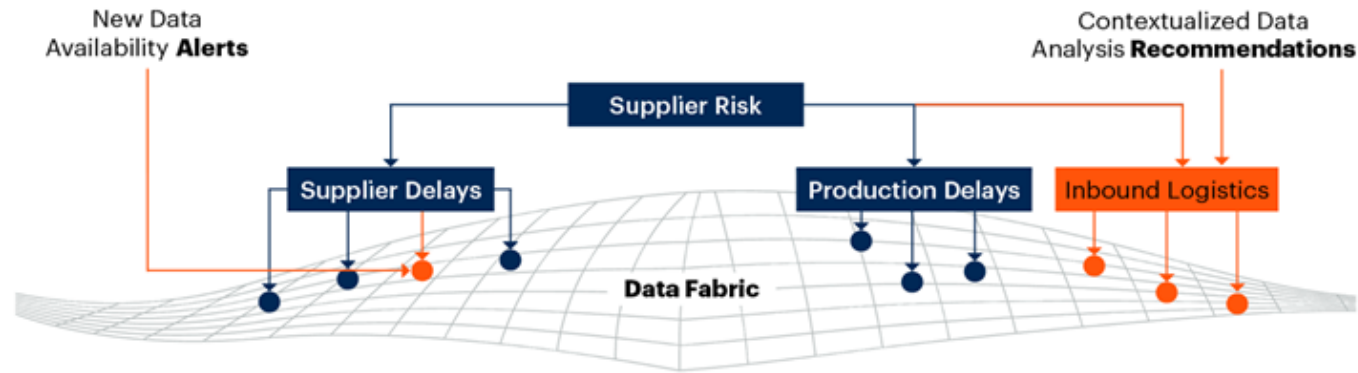
Source: 2023 Gartner Supply Chain Technology User Wants and Needs Survey

<https://www.gartner.com/en/newsroom/press-releases/2023-05-10-gartner-reveals-the-top-supply-chain-technology-trends-for-2023>

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Data Fabric Is an Integrated Layer of Connected Data



RDBMS/OLTP	Traditional Analytics/BI	Data Lakes	Cloud Data Stores	Apps and Document Repositories	
 Flat Files	 Data Warehouse			 XML	 JSON
 Third Party	 ETL			 PDF	 DOC
 Legacy	 Mart			 WEB	

Source: Gartner
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Gartner

Gartner

Source: Data and Analytics Essentials: How to Define, Build and Operationalize a Data Fabric

www.gartner.com/en/data-analytics/topics/data-fabric

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“By 2027, data fabric – combined with large language models (LLMs) – will reduce data engineering hours of support by greater than 35%**

Gartner

**Source: Successful Generative AI Projects Require Better Metadata Management

<https://www.gartner.co.uk/en/information-technology/insights/data-and-analytics-essential-guides>

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Case Study

Optimized Production Planning and Fulfilment in Repackaging Operations



Challenges

FORTUNE

50

- FMCG North American business unit of a multinational Fortune 50 company
- Within eCommerce business environment
- 6-week POV implementation yielded significant results

- Sub-optimal fill rate within an unconstrained environment
- Supply planners manually pulled and processed data extracts to create production plans
- No unified view of component inventory

InterSystems Supply Chain Orchestrator Differentiation



Power your supply chain application ecosystem with four embedded technologies acting as one product lowering total cost of ownership and accelerating time to value.

GenerativeAI

- **Co-Pilot**
- **LLM**
- **Vector Search**

Consistent Data

MULTI-MODEL DBMS

Harmonise and normalise disparate sources and formats—relational, non-relational, streaming, etc.—for consistent and accurate data representation.

Real-Time Data and Analytics

MULTI-WORKLOAD DBMS

Ingest at rest, process and analyse data in real time without delay and at scale, without moving or copying the data for analysis.



Intelligent Processes

INTEROPERABILITY

Enable seamless, accurate, connected supply chain orchestration and AI-enabled intelligent business processes.

Actionable Insights

ADVANCED ANALYTICS

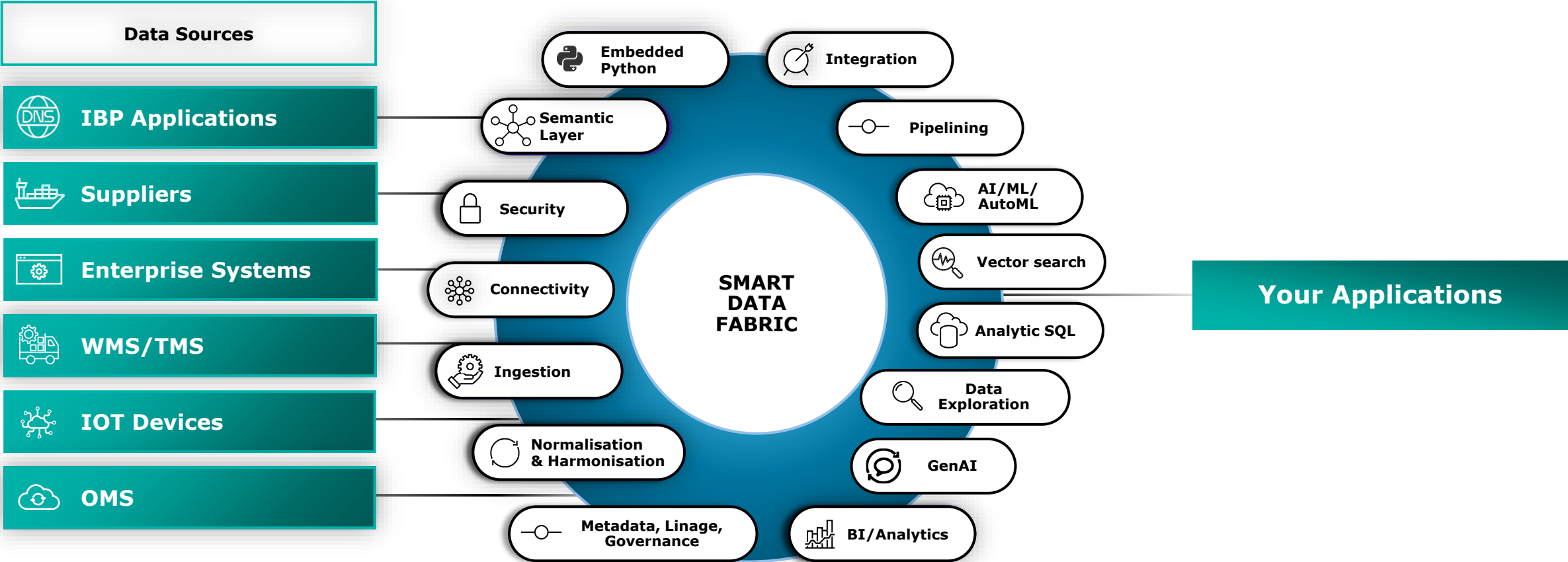
Real-time advanced analytics—BI, ML, AI, NLP—for descriptive, predictive and prescriptive insights in the moment.


InterSystems Supply Chain Orchestrator


Accelerate business outcomes with integrated decision intelligence




Architected with our Smart Data Fabric

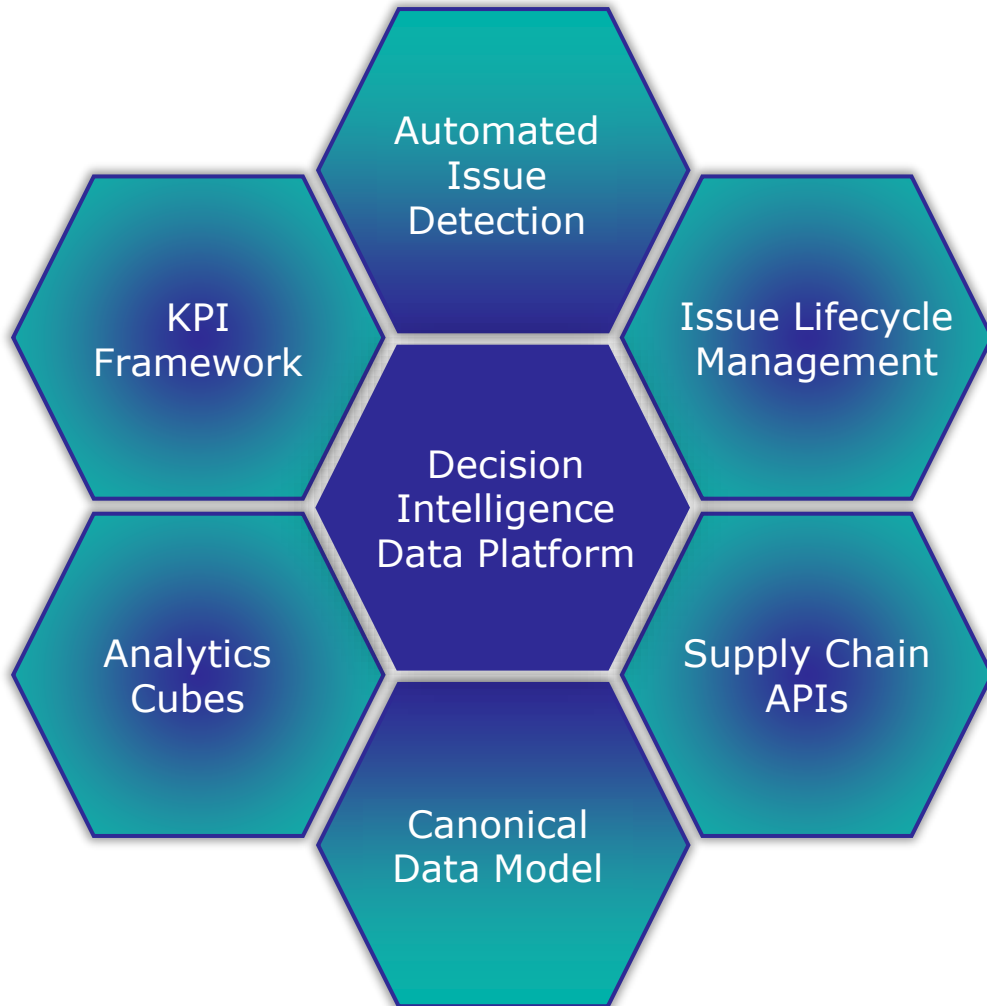







 Enterprise-wide current and consistent data and metadata

 Single source of truth for business users, analysts, customers, and applications

 Enables interactive, dynamic data exploration

InterSystems Supply Chain Orchestrator Supply Chain Accelerators



-  Simplify data staging in customisable supply chain data model with low-code, recipe-based integration.
-  Enrich E2E visibility for harmonised KPI reporting using extensible built-in data cubes.
-  Deploy optimisation algorithms within native workflows through embedded BI and ML.
-  Enhance decision intelligence through process automation and GenAI.
-  Reduce the impact of existing technological debt on supply chain innovation.

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Challenges



Business Impact

FORTUNE

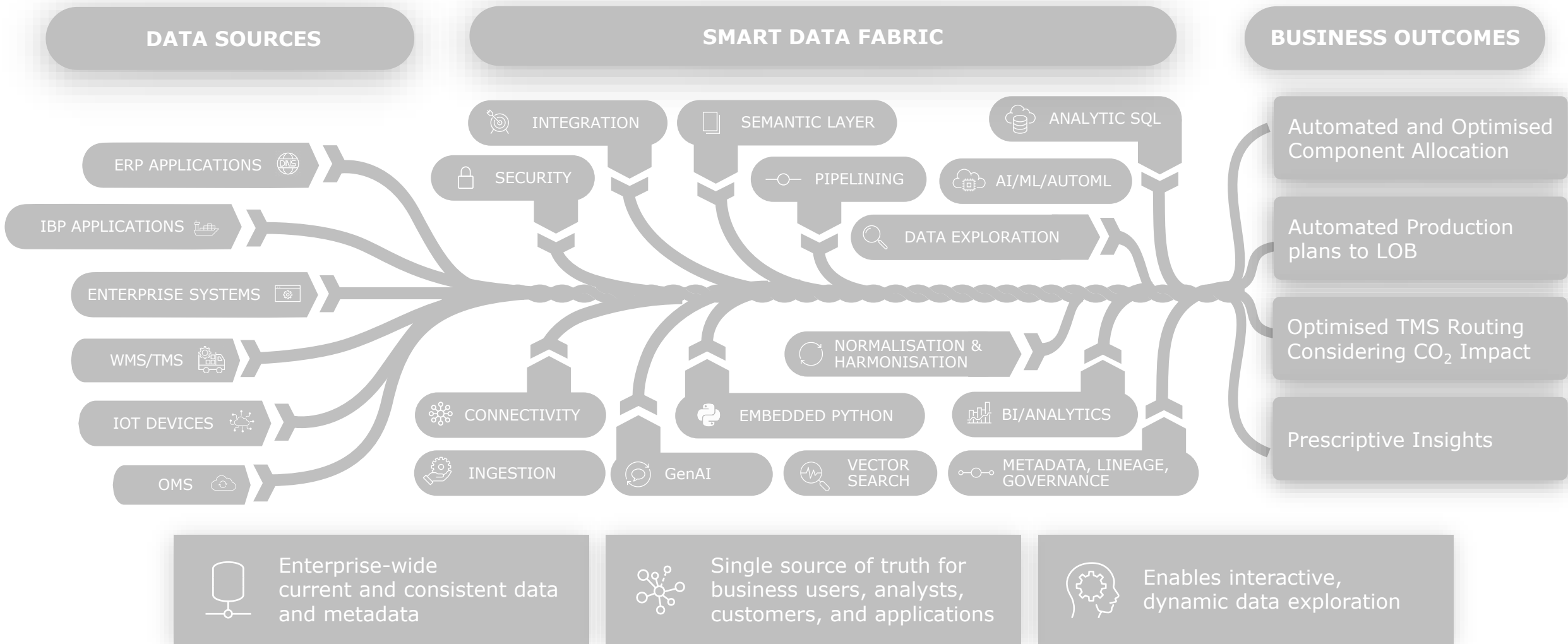
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- Automated and optimised component allocation
- Improved fill rate by 10 points
- Improved replenishment frequency
- Automated production plans to LOB
- Harmonised and normalised data continuously
- Optimised TMS routing considering CO2 impact
- Moved to a “constrained” model

Use Case: Production Planning Optimisation



Key Takeaways



- InterSystems Supply Chain Orchestrator for consistent unified data
- Supercharged problem solving with Data Fabric architecture
- Accelerated business value to LOB with decision intelligence

InterSystems Supply Chain Orchestrator™ is a differentiated supply chain decision intelligence platform with out-of-the-box data integration, ingestion, interoperability, and AI/ML analytics with GenAI as one product.



Thank You

