

# InterSystems: Data Management & Governance

## The Company

InterSystems is a software company focused on high-performance data management. The company was founded in 1978 and has grown strongly, with over 100,000 customers using its software. Customers include The Mayo Clinic, The NHS, SPAR and Whitbread. The company is privately held. InterSystems is headquartered in Boston, Massachusetts, USA.

Visit their website: <https://www.intersystems.com>

### InterSystems Global Presence & Financial Strength

|                |                        |               |                     |
|----------------|------------------------|---------------|---------------------|
| <b>\$1.1B</b>  | <b>25</b>              | <b>2,000+</b> | <b>100K+</b>        |
| Annual revenue | Countries of operation | Employees     | Corporate customers |

## The Market

InterSystems operates broadly within the data management market, with a particular focus on its real-time, high-performance database, integration and analytics. With 39 offices across 25 countries and customers in almost every country, the company is global in scope. The company is particularly strong in healthcare, managing 80% of all US healthcare records through InterSystems technology and customers like Health Information Exchanges and Epic Systems that build their entire applications on its technology. It also has a significant presence in the supply chain, financial services and logistics markets.

## Overview

The InterSystems portfolio includes the IRIS Data Platform, Data Studio, and IntelliCare and TrakCare in healthcare.

“If something unexpected crops up, InterSystems answers the same day, often with a smarter idea than any we could produce ourselves, so we can stay focused on innovation rather than firefighting.”  
*Keith Price, R&D Director, Dendrite Clinical System*

### Key Features:

| Fast real-time database                                                                                      | AI-Ready Data Products                                                                                | Smart Data Fabric                                                                                                             | Unified data platform                                                                        |
|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| The IRIS multi-model database is deployed in some of the most demanding real-time applications in the world. | The technology has built-in vector search, embedded machine learning and natural language processing. | The data fabric architecture connects live data from disparate sources, enabling data transformations and embedded analytics. | The embedded data integration and analytics reduce complexity and external data integration. |

## The Technology

InterSystems has at the heart of its platform the multi-model IRIS database. This platform can project out relational tables, graph database formats, documents or vectors, meaning that it is highly flexible. The native vector search positions it well for managing AI applications such as retrieval augmented generation. Its real-time performance is very well proven, with massive applications running in financial services and healthcare in particular. The scalability also operates downwards, allowing it to be deployed on point-of-sale systems and edge platforms. Transactional and analytic workloads are supported, with ACID compliance and model consistency. It supports high availability, sharding, clustering and multi-node deployments, and is cloud-native.

The InterSystems platform has broad support for data mesh and data fabric applications. Data-aware caching enables distributed query workloads and optimised performance in clustered environments. There is integrated machine learning, meaning that machine learning models can be deployed natively and run on live data. There is support for analytics, including business intelligence dashboards, support for predictive multi-model markup language and interfaces to Python Java and .NET, amongst others. The software can be deployed on public cloud, private cloud, hybrid cloud, and on-premises. There is support for edge deployments, including Kubernetes.

## Competitors

InterSystems competes in various markets, so its competitors vary by market. The IRIS database competes against the database offerings of the hyperscalers (Amazon AWS, Microsoft Azure, Google Cloud Platform), as well as other database products such as Oracle, PostgreSQL and Teradata. Healthcare specialist competitors include Cerner (now part of Oracle) and AthenaHealth.

## Summary

InterSystems has a comprehensive suite of data management tools that have been extensively proven in the field, with an impressively large and diverse customer base. Its IRIS database handles some extremely challenging real-time applications, processing 172 million database operations per second at one customer. Its data fabric capabilities allow real-time insights for customers without the need to move large volumes of data around the enterprise. It should be considered by any customer wanting a proven, high-performance, real-time database.

### Market Differentiation:

- High-performance real-time multi-model database with proven scale
- Integrated analytics, data integration, and database management in a single product
- Industry-specific solutions in healthcare, supply chain, and asset management
- Smart data fabric architecture enabling real-time insights without moving data around.

## About The Information Difference

At the Information Difference [www.informationdifference.com](http://www.informationdifference.com) we offer in-depth analysis of the data management industry, in-depth analysis of the main vendors, assessments of the marketplace and white papers discussing key issues and best practice.

If you are contemplating a data management project, we can advise you on strategy, vendor selection and best practice.