



Accelerate Your Enterprise Data Initiatives with a Smart Data Fabric

Today more than ever before, organizations are striving to gain a competitive edge, deliver more value to customers, reduce risk, and respond more quickly to the needs of the business. To achieve these goals, organizations need easy access to a single view of accurate, consistent, and trusted data – and all in real time. However, growing volumes and complexities of data make this difficult to achieve in practice. As data grows, so does the prevalence of data silos, making integrating and leveraging data from internal and external data sources a challenge.

Recently, *data fabrics* have emerged as a much-needed architectural approach to providing accurate visibility across the entire business, without the problems associated with data warehouses and data lakes. Data fabrics can transform and harmonize data from multiple sources on demand to make it usable and actionable. *Smart* data fabrics take the approach a step further by incorporating a wide range of analytics capabilities, including data exploration, business intelligence, natural language processing, and machine learning, enabling organizations to gain new insights and power intelligent prescriptive services and applications.

Sophisticated organizations are leveraging smart data fabrics to power a wide variety of mission-critical initiatives:

Financial services - From scenario planning, to modeling enterprise risk and liquidity, regulatory compliance, and wealth management.

Healthcare - Risk modeling for individuals and populations, real-time performance monitoring, workflow optimization, and outcomes management.

Supply chain - Real time supply chain visibility to provide supply chain business leaders with on demand accurate information spanning the extended supply through demand ecosystem.

Manufacturing - Supporting IT/OT convergence, Industry 4.0, and smart manufacturing initiatives.

Organizations worldwide are implementing smart data fabrics with InterSystems IRIS® data platform at their core.

InterSystems IRIS is next-generation data management software that:

- **Simplifies Architectures:** Provides many of the critical capabilities that are needed to implement a smart data fabric – including integration, database management, analytics, and API management – all in a single product built from the ground up. It reduces complexity, speeds development, accelerates time to value, simplifies maintenance and operations, and lowers total cost of ownership compared with implementing a data fabric using many different separate point solutions.
- **Includes Embedded Analytics:** Incorporates rich embedded analytics capabilities, including data exploration, business intelligence, natural language processing, and machine learning, eliminating the need to move data to different services and environments to perform analytics.
- **Supports Real Time and Near Real Time Applications:** Includes a transactional-analytic database engine providing the extreme performance at scale required to support real-time and low latency analytic use cases.

Learn more about how [InterSystems IRIS](#) and [IRIS for Health](#) provide the premier data platform solution to meet your business needs.

