InterSystems IRIS Data Platform: Accelerating Digital Transformation with Intelligent Integration

Your business needs to become more agile. You've got to move fast. Develop quickly. Connect quickly. Realize value quickly.

Digital transformation is a must — and in order to get there, you must rein in your data. Integrate, normalize it, transform it. Make it seamless. And, by integrating it well, you create a bulletproof foundation for innovation.

And your applications need to be smarter. Making more intelligent, data-driven decisions than ever before. They need to scale as your business needs and data volumes grow to handle massive ingest rates, workloads and data sizes reliably, cost-effectively, and swiftly.

InterSystems IRIS Data Platform™ is built for these challenges. Integrate intelligently. Enable smarter business processes. Accelerate digital transformation — and speed time to value.

Data and Application Integration

InterSystems IRIS provides a complete set of integration and interoperability capabilities to support sophisticated integration. It provides out-of-the-box connectivity and data transformations for a wide range of packaged applications, databases, industry standards, protocols, and technologies. Users can easily extend existing adapters to handle new, custom integrations.

InterSystems™
IRIS Data Platform

Composite Business Processes

Application developers can create seamless composite business processes that connect with internal and external data sources, applications, services, and microservices. The role-based human workflow engine supports manual interactions in business processes, automating the distribution of tasks among users and incorporating their decisions and actions.

Embedded Analytics

Embedded analytics capabilities allow users to incorporate sophisticated analytics — including business intelligence, artificial intelligence, machine learning, natural language processing, and predictive analytics — into business processes, incorporating existing data, metadata, and real-time event and transaction data. The embedded high-performance transactional-analytic database engine concurrently supports both operational and analytic workloads.

Scalability

InterSystems IRIS is horizontally scalable and resource efficient, making it ideal for applications that must support very high data ingestion rates, many concurrent business processes, and the ability to process, store, and analyze very large data sets in a cost-effective manner.

Reporting and Traceability

All data (including in-flight data, metadata, and data associated with long-running asynchronous transactions) is automatically stored in the embedded database and available for real-time reporting and analysis. Visualizing and diagnosing the behavior of integrations and processes is made easier through visual trace capabilities.

Graphical Development

Graphical tools allow developers to visually diagram processes, transformations, rules, and workflows, allowing them to focus on the logical interactions between systems rather than coding. The graphical models encourage collaboration between the lines of business and IT, resulting in faster development of solutions that meet business requirements, and easier modification of existing applications.

Around-the-Clock, Always-On Support

Working with InterSystems is not limited to the power of our InterSystems IRIS Data Platform. Rather, you will have access to our around-the-clock Worldwide Response Center, which provides access to highly qualified support professionals whenever you need them. Our free and unlimited online learning and documentation provide the education necessary for you to build your most important applications quickly. Our reputation for service, support, and learning is unparalleled.
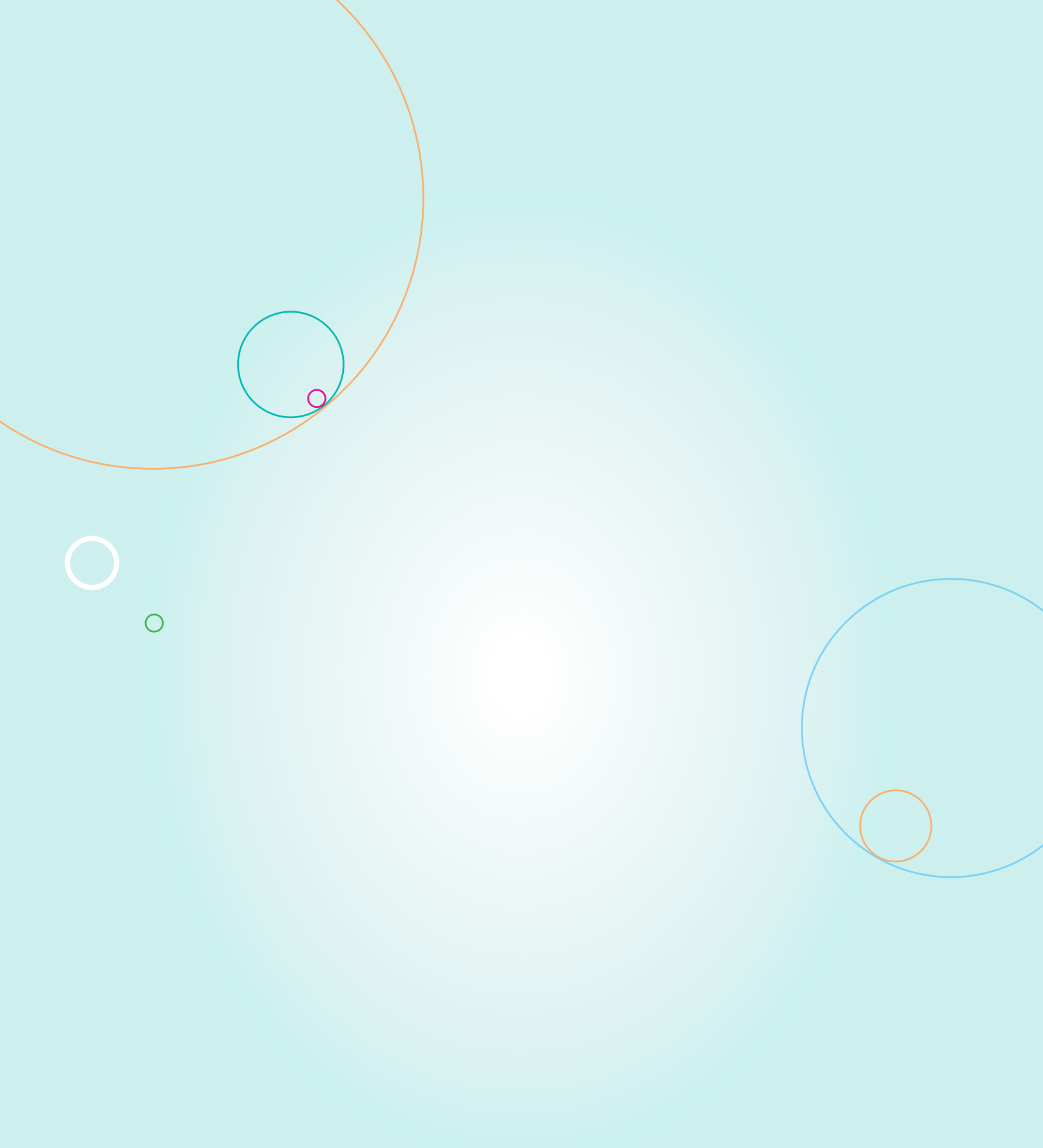
"The comprehensiveness of InterSystems support, and the consequent loyalty of InterSystems customers are truly impressive," said Carl Olofson, Research Vice President for Data Management Software research at IDC. "The level of engagement that InterSystems demonstrates with customers of all its products, including the IRIS Data Platform, clearly shows that InterSystems regards itself and its customers as partners in success."

Flexible Deployment Options

InterSystems IRIS makes it easy to provision and deploy applications on virtual and physical clusters. It supports deployment on all of the major enterprise-level operating system platforms and commercial cloud platforms. It also supports hybrid, active-active deployments spanning on premises and commercial cloud platforms.

InterSystems is the engine behind the world's most important applications. In healthcare, finance, government, and other sectors where lives and livelihoods are at stake, InterSystems is the power behind what matters. Founded in 1978, InterSystems is a privately held company headquartered in Cambridge, Massachusetts (USA), with offices worldwide, and its software products are used daily by millions of people in more than 80 countries.

To learn more, visit **InterSystems.com/IRIS**

The power behind what matters.

InterSystems®
Health | Business | Government