InterSystems Caché
Empowering the world's most important applications

InterSystems Caché® is a multi-model operational database management system that delivers ultra-high performance with enterprise-class scalability, reliability, and security. Designed to support concurrent transactional and analytical processing workloads, Caché uniquely enables blazingly fast SQL access to relational, object-oriented, hierarchical, and document data, all in a persistent storage tier.

Built for Big

InterSystems Caché powers our customers' most mission-critical applications with the ability to store, use, and analyze transactional and historical data in whatever forms required. High-speed SQL runs consistently and seamlessly across all data models.

As throughput and data volume requirements increase, Caché maintains consistent high performance.

Embedded operational analytics – of both structured and unstructured data – enables the ability to provide insight at the point of action.

Eliminate Complexity and Enable Agile Business Innovation

InterSystems Caché takes the complexity out of application design and deployment. Several high-availability options, including an elegant approach to mirroring, endow your applications with robust reliability – but require less hardware than other vendors' solutions. A flexible, adaptable security model with enterprise-wide provisioning capabilities makes it easy to control access to resources across even the largest deployments.

With the overall simplicity of its architecture, and powerful system management tools, Caché requires

fewer DBAs than other databases. In fact, many installations do not require a dedicated DBA at all.

An open environment for defining business logic and building mobile and/or Web-based user interfaces enables rapid development and agile business innovation.

InterSystems – A Proven Technology Partner

Everyone at InterSystems has a passion for making customers successful. We have thousands of clients serving millions of users around the world.

We are proud to back our world-class technology with world-class support. Our Worldwide Response Center (WRC) has personnel in cities around the globe and provides engineering-level expertise and multilingual 24/7 support for all InterSystems products.

Our Learning Services department offers a wide variety of classroom and online training opportunities to help you derive maximum value from our products.

Privately held since our founding in 1978, our focus on client success has never been distracted by quarterly profit targets and demands from stockholders.

InterSystems®
Caché

InterSystems Caché
High performance multi-model database

Unified Multi-Model Architecture

Within Caché, data can be modeled and stored as tables, objects, documents, or multidimensional arrays (hierarchies). Different models can seamlessly access data – without the need for performance-killing mapping between models.

High-Performance Queries

SQL is the *lingua franca* for querying Caché data across all data models. Because of its efficient architecture, Caché provides inherently faster SQL performance than other database technologies It supports traditional indexes as well as bit-map and bit-slice indexes that can be used with real-time transactional data.

Embedded Operational Analytics

Built-in analytic capabilities enable you to measure and graphically display key performance indicators (KPIs) "just in time" to provide the insights users need, when they need them.

Unique Text Exploration Capability

Caché provides technology that enables you to glean information from unstructured textual data without the guesswork and tedium of creating libraries beforehand.

Distributed Systems

InterSystems Enterprise Cache Protocol allows a network of many servers to behave as a single data store, dramatically enhancing the scalability and performance of distributed applications.

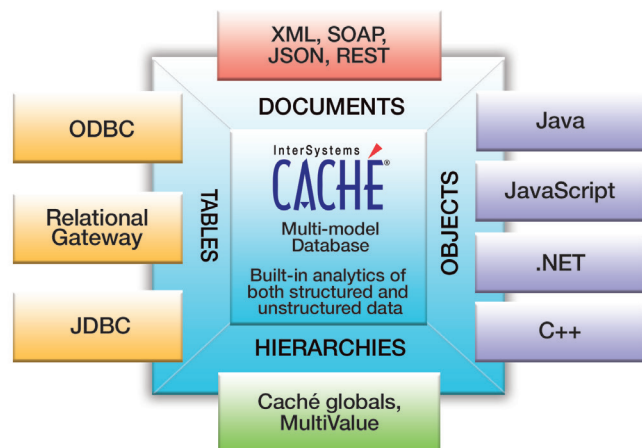### High Availability through Database Mirroring

Caché Database Mirrors do not require large investments in hardware, support, operating system licenses, or storage. In addition, Caché Database Mirrors are easy to set up and maintain, so administration costs are minimized.

Security

Caché is certified for Common Criteria EAL 3. The Caché security model is based on authentication, authorization, auditing, and database encryption. Caché provides these security capabilities while minimizing the burden on application performance.

Operating Systems

InterSystems Caché runs on Windows, Unix, Linux, OpenVMS, and OS X.

Application Development with Caché

An Industry-Standard IDE

InterSystems Atelier is a plug-in to the popular Eclipse integrated development environment. It enables the easy development of mobile and Web-based applications.

Server-Side Scripting Languages

Caché natively supports Caché ObjectScript, Caché Basic, and Caché MVBasic.

Client-Side Programming Languages

Because of its multi-model nature, Caché can project data in a form that is compatible with almost all commonly used programming languages.

InterSystems
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