

Kalido® Information Engine™ and Oracle Exadata

Kalido delivers a highly agile information management engine that provides a robust platform serving the analytical needs of organizations large and small. By deploying Kalido together with Oracle Exadata, customers now can have industry-leading performance with the fastest time to value, making users more productive faster while reducing internal costs.

The Challenge

You face a world of accelerating change and demands from both inside and outside your organization. Each day, information management becomes more important; but your information is stored in silos across your organization – not only in operational systems but also in disparate data marts – from finance to marketing to sales, across regions and lines of business.

Often, it can take days or weeks to get answers to your critical questions. In order to meet the demands of the current environment and be prepared for the future, you need a dynamic infrastructure behind your Business Intelligence that can unify the silos and provide accurate information as fast as possible.

You also need to deliver faster while lowering your cost of information delivery without compromising on scalability, performance and the flexibility to quickly respond to user needs.

The Solution

The Kalido Information Engine running on Oracle Exadata is designed to give you the best of both worlds; the flexibility and agility of Kalido coupled with the scale and performance of Oracle Exadata. Kalido delivers significant data warehouse automation capabilities and simplifies ease of deployment for organizations that need to effectively address dynamic business requirements.

Unlike traditional approaches, Kalido easily accommodates change by enabling an agile, iterative approach. This unique

methodology allows you to deliver new information faster without increasing your ongoing costs.

Because Kalido delivers the only fully-governed information management platform, you never need to worry about what changes were made when; Kalido tracks every change automatically.

Oracle Exadata offers a system designed specifically for analytical processing on extremely large amounts of data. Exadata eliminates the need for constant tuning and removes technology bottlenecks caused by slow disk transfer I/O rates, slow network transfer rates and inefficient caching. Exadata automates much of the database administration activities, such as hardware configuration and tuning, while Kalido automates much of the development, such as physical schema management, data load, exception management, integrated master data management and BI configuration.

Kalido and Oracle — a Perfect Fit

With the Kalido Information Engine for Exadata, you'll be able to drive key initiatives around data mart consolidations and migrations, data warehouse re-engineering, master data management, mergers & acquisitions, and business-driven BI projects.

Kalido provides a strong foundation for value-based initiatives, delivering a comprehensive platform for analytics covering business needs across all departments and lines of business – all accelerating your time to value.

In scenarios where customers seek to consolidate hardware and software, Oracle Exadata offers a complete solution for handling mixed workloads for both analytics as well as OLTP.

Key Features

Generates Data Models from Business Models — Kalido's business model-driven approach enables business and IT to accelerate collaboration through pioneering visual modeling capabilities. Kalido creates conceptual models and automatically generates physical data structures on Exadata. And, Kalido can exploit existing data models and taxonomies to build the warehouse. Subsequent changes to physical structures are automatically driven based on changes in the model.

Automated Load Routines — Load routines are automatically updated to reflect the rules defined by the business model. Changes to the model are automatically enforced.

History Tracking — Kalido time stamps all data in the system and can provide a record or view of your information at any point in time – including into the future.

Creates and maintains data and structures from staging to mart — Staging and landing tables are automatically generated by Kalido so this commonly manual and error-prone step in the process is automated, reducing errors and accelerating deployment.

Fast reference data loader — An end-to-end loader operates in conjunction with the staging tables, and leverages the power of the Exadata database server for enhanced processing performance.

Suspense processing capabilities — Non-conforming data is automatically routed to suspense tables where errors are automatically classified for rapid triage and resolution.

Rollback of historical loads — When you discover that the wrong data file was supplied to you last week from a third party and you have already loaded other changes to those same records from your internal sources, Kalido can rollback the initial load and all subsequently affected loads.

Environment restoration — As a result of Kalido's unique ability to time-stamp model and data changes, the entire environment can now be restored to a prior point.

Advanced Deployment — The advanced deployment interface includes integrated dependency management and automated generation of change documentation. With this advanced version management capability, administrators can release subsets of the whole environment to your production system, without delaying an entire release due to interdependencies.

Automatically Generate BI Metadata — Kalido automates creation of popular BI tool metadata from the Kalido warehouse, ensuring business definitions are consistent across reports. A

wizard-based interface simplifies and accelerates building BI metadata.

Key Benefits

Fastest Time-to-Value — Kalido's model-driven automation means business users begin analyzing data faster, without waiting months typical of traditional approaches.

Lowest TCO — With the Kalido Information Engine on Exadata, automation in both application and system management reduces the need for manual intervention, lowering initial costs and support costs of your data warehouse.

Maximize Productivity — Kalido automates most data integration and warehouse development tasks, removing repetitive steps from the deployment cycle, increasing resource productivity and reducing costs.

A Governed Warehouse — Data integrity and trustworthiness are just as important as performance and scalability. Kalido provides end-to-end governance of the warehouse. The business information model ensures data definitions and validation rules are consistent from staging to BI. Integrated master and reference data management improves data quality, visibility, and enables good business processes for managing hierarchies and classifications.

Full audit trail — Robust history tracking capabilities provide a bulletproof audit trail of all changes in the system, critical in today's compliance-focused environment.

About Kalido

Kalido is a product brand of Magnitude Software, a leading provider of Enterprise Information Management software that drives real business value for customers. Magnitude Software offers a family of award-winning products, from business intelligence and data warehousing to master data management, reporting and analytics.

For more information please visit <http://www.kalido.com>

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