

# Kalido<sup>®</sup> Information Engine<sup>™</sup> and Oracle Exadata<sup>®</sup>

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 an agile data warehouse with industry-leading performance and fastest time to value making users more productive sooner while reducing ongoing costs.

## The Challenge

We truly live in the information age where value is created or lost on how well you find it, manage it and use it in a dynamic business world. 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.

It can take days or weeks to get answers to your critical questions. To meet the demands of the current environment and be prepared for the future, you need a dynamic infrastructure behind your Business Intelligence that unifies the silos and provides accurate information as fast as possible.

You also need to deliver business results; 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 automation and simplifies ease of deployment for organizations that need to rapidly adapt to 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 is designed specifically for analytical processing on extremely large amounts of data. Its architecture eliminates the need for constant tuning and makes bottlenecks caused by slow disk transfer I/O rates, slow network transfer rates and inefficient caching a thing of the past.

The extensive automation of hardware configuration and tuning by Oracle Exadata and warehouse generation by Kalido speeds time-to-value and lowers the costs for build out and operation.

## Kalido and Oracle – a Perfect Fit

With the Kalido Information Engine for Oracle Exadata, you'll redefine velocity and value for 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 single foundation for all value-based initiatives, delivering a comprehensive platform for analytics delivering insights 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 Oracle Exadata. And, Kalido exploits 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 Oracle 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 Oracle 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 or all changes in the system, critical in today's compliance-focused environment.

## About Kalido

Kalido is the leading provider of agile information management software. Kalido enables companies to manage data as a shared enterprise asset by supporting the business process of data management. Kalido software has been deployed at more than 300 locations in over 100 countries, including 20 percent of the world's most profitable companies as determined by Fortune Magazine. More information about Kalido can be found at: <http://www.kalido.com>.

### Contact Information

**US Tel:** +1 781 202 3200

**Eur Tel:** +44 (0)845 224 1236

**Email:** [info@kalido.com](mailto:info@kalido.com)

**Website:** <http://www.kalido.com>