

# Master Data Governance with Kalido®

Bad data contributes to poor business performance. Combined, master data management and data governance provide powerful insights to the relationship between business processes and the information driving them. Better alignment of data and business metrics, improved process predictability and improved business performance are the outcomes.

## MDM and Data Governance

Because master data drives operational and analytical business processes, invalid master data has a negative impact on business. Data governance is the process of improving data by defining policies, rules and systems that govern how data is created and consumed across the organization. MDM is the execution side of governance policies, ensuring data consistency, accuracy and usability by the organization. Combined, these capabilities provide a platform on which business performance can be driven through better data used in business processes.

Policy is the vehicle that makes the relationships between data, business processes and systems visible, measurable and enforceable. Drag and drop creation of data policies makes it intuitive for business people. Data stewards use the policies as the basis for system-specific rules that return compliance information to the process owners. Reporting tools enable process owners to track policy compliance and easily see violations that might impact business process performance.

Aligning compliance metrics with KPI trends make emerging patterns visible sooner, empowering process owners and data professionals to take corrective action sooner. Timely detection of policy violations leads to earlier remediation in the MDM systems, and reduces negative impact on business performance.

## Kalido for Master Data Governance

Kalido offers data governance and master data management capabilities that are specifically designed to improve business performance when data is a critical element of a business process.

Kalido Data Governance Director™ enables organizations to dramatically improve business process performance by improving the data created and used in running your business. This improvement is achieved by managing data policies, operationalizing data governance processes and measuring and improving data policy compliance. Master data can frequently be invalid, which often causes data to be out of compliance with a policy. Kalido Master Data Management™ offers the core capabilities to model, manage and govern master data, leading to better data that feeds business processes to lead to better business outcomes. With Kalido, business process owners can systematically operationalize compliance to data policies that govern the data being consumed and produced by a particular business process. Once the policies relevant to a particular business process have been defined, organizations can govern the relevant master data elements with Kalido MDM.

The solution delivers better results by continuously monitoring and improving the quality of the master data consumed by day-to-day business processes. As a result, business process owners can identify data issues at the source, dramatically reducing time consuming and frustrating rework.

## Key Data Governance Capabilities

### Unified Business Model

The Unified Business Model provides a complete logical representation of the high level business processes, data produced or consumed in those processes and the systems that implement the processes.

### Organizational Scope

Kalido allows companies to set the organizational scope of data policies, and apply them in context to models, processes, systems.

### Data Policy Management

Kalido offers a top-down approach to data governance by managing a data policy's entire lifecycle, including authoring, approval, implementation, measuring compliance and change management.

### Data Quality Rule Registration

Kalido can import existing rule definitions from SQL or third party data quality tools, associate physical rules with business centric rules in the policy, and import existing metrics against which policy compliance is measured.

### Monitoring and Compliance

Kalido monitors compliance with data policies and delivers results in an easy-to-read dashboard that shows compliance metrics over time, which is critical to ensuring business processes are running with accurate data and for any regulatory impact.

### Activity Orchestration Templates

To enable the process of governance, Kalido offers the capability to enable planning and controlling of the data governance activity. Tasks are managed in context of an initiative or an activity, with embedded workflow

that drives task sequence to engage with various roles in the organization. These tasks and activities can be made into templates to ease implementation and drive consistency.

### Alerts

Making sure the governance process moves along smoothly will drive delivery of better quality data. Kalido provides real-time alert notification to users of specific tasks assigned to their role that need to be addressed.

### Change Control and Audit

Kalido Data Governance Director delivers a transparent solution that keeps up with business change. Kalido audits change, reports on it, and can enable you to gauge the impact of change on data policies.

### Role Management

Governing data used in business processes can require a vast array of individuals across your organization. Kalido offers a robust capability to define roles and associating the roles with capabilities they require and responsibilities they are accountable for. Mapping roles to capabilities and responsibilities, the system can help you find the resource responsible for an action.

## Key Master Data Management Capabilities

### Multiple MDM Domain Support

Kalido MDM can manage all master data categories—from products, customers, brands, markets and territories to suppliers, financial data, key performance indicators and more, supporting the many different master data types needed to drive better information in business processes.

### Sophisticated Modeling

As master data domains are added to an MDM repository, the number and complexity of relationships between the data grow exponentially. Kalido's business information model allows IT and business users to define and manage the business rules and

validation rules to ensure that master data is fit for use in the business processes it supports.

### Data Authoring

Kalido offers a model-driven, automatically generated user interface for authoring data. Instead of custom screen coding and development, Kalido MDM populates screens based on the context of the task, and validation of authored data is driven by the model, so you can be sure that the new master data elements match the requirements.

### Life Cycle Management

Kalido MDM provides a single environment to author, load, match, validate, publish, change and archive master data. Kalido also keeps a full audit trail for all changes, and steps through the process, and manages all the human touch-point interaction through the various steps.

### Data Matching

Kalido meets the need of matching data from multiple sources by allowing customers to define, test, save and execute complex data matching and mapping rules without writing any code. This capability allows you to match different data values to central master data.

### Hierarchy Management

Kalido MDM models and maintains the range of simple to very complex hierarchies for reporting and analysis, allowing local to global hierarchy mapping to enable departmental and regional views and allowing the business to manage standard hierarchies, as well as very complex multi-level or "ragged" hierarchies.

### MDM Consumer Interface

One of the important facets of master data management is engaging with your subject matter experts who can help make and maintain clean master data – those who have the context for how master data is used, and who in turn need access to it to do their jobs. The Kalido MDM consumer interface provides a web-based capability to browse data using the business

information model, intuitive hierarchy browsing, a web search result display for finding customer records, product records, et al, and an ability to raise a change request when they see something that needs to be updated.

### Workflow

Workflow in MDM is perhaps the most important capability in ensuring a smooth data stewardship process. Kalido MDM offers embedded event-driven workflow to automate and drive the data stewardship process when people need to make decisions.

### Change Management

As Kalido MDM is model-driven, it can easily change design definition as your business evolves. It supports time-variant capture and management of master data values by attribute, and supports full logging of changes to not only the model, but also changes to actual master data values.

### Security & Audit

Kalido supports role-based security, and the role can be assigned at any level in the data. Users can be managed in LDAP and Active Directory. For data security, Kalido supports object and data-level security using ACLs. For data values, Kalido keeps track of who changed the model and the data, and when it was changed, as well as history tracking of prior master data values. With this capability, customers have a "corporate memory" of master data as it was at any point in time.

## About Kalido

Kalido is the leading provider of business-driven data governance 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>.

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