



## Data Governance for SAP on Windows



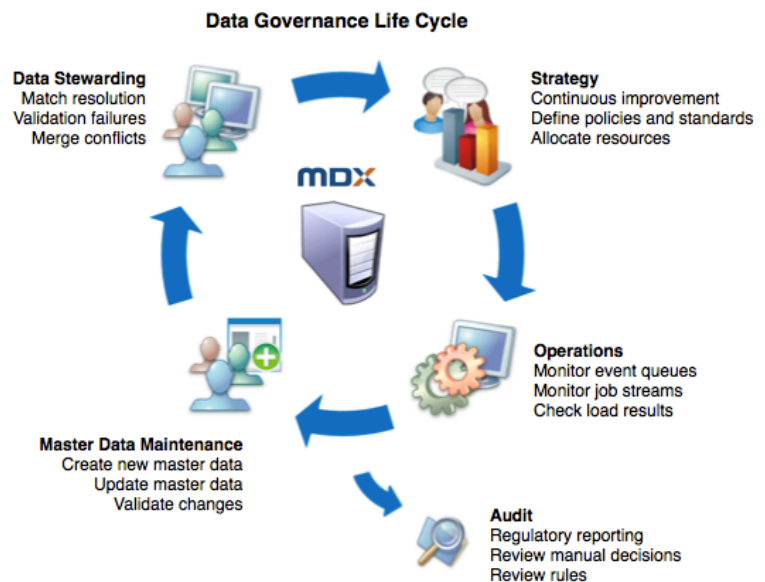
### SAP Data Governance without the Cost and Complexity

Data governance is receiving increasing attention from both business and IT executives. Companies have become more attuned to the importance of reliable data within SAP. The detrimental impact of poor quality data on critical business processes and more stringent regulatory reporting standards have combined to encourage companies to invest in data governance programs - many for the first time.

Whether you are starting out with your first data governance initiative or evolving an existing program, the ability to do more with less is critical to deliver enough value to build a sustainable data governance program.

Master Data eXchange (MDX) from Gaine Solutions is a comprehensive data governance solution for SAP on Windows. MDX is tightly integrated with Microsoft SharePoint and Microsoft SQL Server to reduce the cost and complexity of managing master data for SAP.

The MDX Data Governance Hub uses the validation, cleansing and de-duplication rules that were used to initially prepare data for SAP. This means that MDX can be immediately deployed as a data governance hub for SAP without requiring any additional hardware, software or configuration services.



### Passive Governance Support

Changes made directly in SAP are routed to MDX through a publish and subscribe interface. MDX validates the changes against the business specifications and, if necessary, creates exception events in Microsoft SharePoint that are allocated to specified users for attention. Exceptions are tracked within MDX and data quality metrics are provided to help to isolate common problems.

### Active Governance Support

MDX active governance uses Microsoft SharePoint workflows as the primary data entry platform. The MDX active governance platform provides workflow templates for the most common customer, vendor and material maintenance activities. These templates are easily modified using standard Microsoft SharePoint development tools.

# The MDX Advantage

## Microsoft SharePoint Integration

MDX is tightly integrated with Microsoft SharePoint which lowers integration complexity and reduces support costs for the enterprise.



Microsoft SharePoint resources are widely available and many companies already have the in-house skills necessary to create, modify and maintain the standard MDX governance workflows that are provided with the platform. Integration with Microsoft productivity tools and Windows security is seamlessly provided further reducing cost of ownership.

## Repository

The MDX repository integrates business specifications, meta-data and business data to support the various levels of data validation required by active and passive governance. The MDX repository is version controlled and includes an impact analysis capability so that the customer can understand what data is impacted when a particular business rule is added or updated.

## Comprehensive Audit Trail

MDX provides a single integrated repository that tracks “Who”, “When” and “Why” changes are made to business data. The MDX audit trail creates a link between the business data, specification, meta-data, changes to business data, the workflow and the person updating the data.

MDX provides a library of reports to analyze this audit information. Reports are available via Microsoft SQL Server Reporting services.

ID	Date/Time	User	Action	PK System Name	Source PK	PK Match/Name 1	Street	City	Region	Post Code	IFA Comments
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7	1/20/2010 07:36:03 PM	Master	Update	20		3M CORP	PO BOX 3121	SANIT PAUL	MN	55133-3121	
8	1/20/2010 07:36:03 PM	Post Cleanse	Unknow	20 SY58	5158-89798	3M CORP	PO BOX 3121	SANIT PAUL	MN	55133-3121	
9	1/20/2010 07:36:03 PM	Match	Queued	20		79 3M CORP	PO BOX 3121	SANIT PAUL	MN	55133-3121	
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