

erwin® Data Governance

At a Glance

erwin Data Governance provides an intuitive, customizable, web-based interface that allows both business and technical users across the organization to collaboratively define and integrate data governance constructs into their enterprise data architecture. Building on a foundation of visual and comprehensive erwin data models, organizations can author and deploy business glossaries, define semantic and data flow lineages, standardize and document data sources and enable self-service data discovery in support of their enterprise data governance program.

KEY BENEFITS/RESULTS

- Enable stakeholder collaboration across organizational silos
- Enable planning, analysis and risk mitigation for complex data management initiatives
- Increase data quality by operationalizing rigorous standards and governance throughout the organization
- Publish and promote governance policies and processes across the enterprise

KEY FEATURES

- Self-service visualization and navigation of data models and architectural configurations
- Graphical impact and lineage analysis for semantics and dataflow
- Integrated Business Glossary with managed authoring and approvals
- Universal data model harvesting and lifecycle management
- Web based metadata import and data model documenter
- Drag and drop semantic and dataflow mappings

Business Challenges: As organizations strive for data-centricity and a data driven approach to business, they are increasingly managing their data as a strategic asset, measured against cost as well as opportunity, to deliver strategic growth and competitive advantage through innovation. Innovation around these emerging operational and analytics use cases involves adopting new data management technologies and deployment methods that need to be effectively integrated into complex business data architectures. Adding to the mix, organizations face a growing and complex myriad of legislative and regulatory compliance requirements pertaining to corporate data and information.

The challenge is increasing strategic data usage while maintaining an effective, efficient, compliant and risk adverse approach to Data Management. In order to overcome this challenge, organizations are initiating Data Governance programs that promote increased business and IT awareness, accountability and collaboration in all aspects of the management and usage of their dataassets.

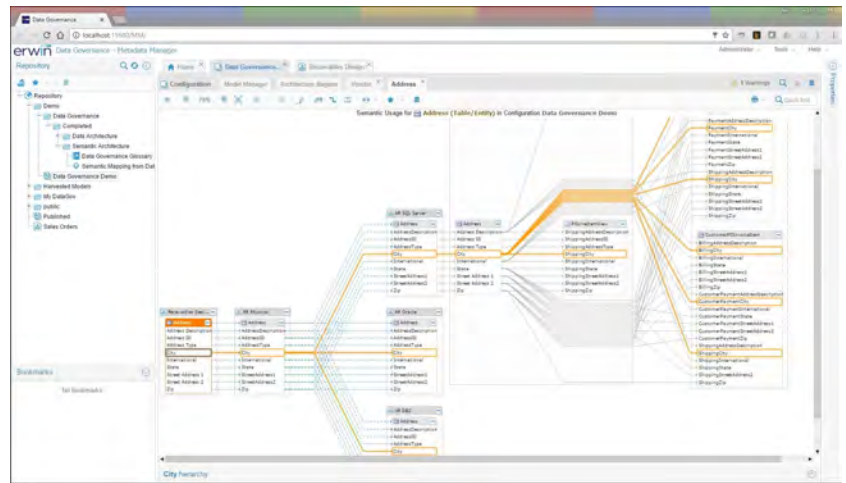
Today's organizations need an agile way to collaborate across roles and departments in order to manage, integrate and deploy their data governance policies, rules and processes in an effective and cost-effective way.

Solution Overview: The erwin Data Governance helps organizations collaborate across a wide range of roles in the organization through the following key features:

- **Business glossary:** erwin Data Governance provides an ISO 11179 based business glossary to capture, define, maintain and implement an enterprise business glossary of terminology, data definitions, code sets, domains, validation rules, etc.
- **Semantic and dataflow mapping:** Facilitates the drag and drop connection of design-layer metadata from business glossary through conceptual to logical and physical data models as well as data flow mappings between data stores and data elements.
- **Live metadata harvesting of data stores:** Connects directly to databases, Big Data and Cloud data sources which can then be documented and mapped in real-time over the Web using the Data Documenter and Data Mapper.
- **Graphical impact and lineage analysis:** Graphically view the inter-relationships between data elements to analyze semantic and/or dataflow lineage and better assess the impact of change.
- **Universal Data Model Harvesting:** Import and integrate other vendor's current and legacy data models.
- **"High Fidelity" diagram visualization:** View graphical model diagrams in various formats (including IE, IDEF and UML).
- **Metadata search and browse capability:** Drill-down capabilities allow you to see textual metadata details to uncover definitions, data structures and more.

- **Model configurations and metadata lifecycle management:** Enables organizations to maintain multiple model configurations, automate model harvesting and manage versions of the model metadata.
- **Collaboration services:** Managed workflows to support glossary authoring and approval processes. Additionally, users can insert metadata tags, comments and attachments to create a managed feedback loop between model creators and model consumers.
- **erwin Data Modeler integration:** Harvest file based erwin models and/or directly from erwin Data Modeler Workgroup Edition marts.
- **Web-based user and role management:** Manage access by user and role locally using our administration UI and/or by integrating with Enterprise Single-Sign-on (e.g. Active Directory/LDAP).

The erwin Data Governance provides the ability to create semantic and dataflow mappings to enable lineage and impact analysis.



Critical Differentiators: erwin Data Governance provides a model driven facility that allows both business and technical users across the organization collaboratively define, manage and integrate data governance constructs into their enterprise data architecture.

With web-based visual impact analysis tools and key data governance capabilities, organizations can assess the impact of change and address governance issues and concerns prior to any significant resource investments. This helps your organization respond faster to evolving business needs by enabling rigorous governance of information assets, easing the burden of proving legislative compliance, increasing enterprise data fluency and enabling planning processes. erwin Data Governance allows you to respond with agility to a challenging and rapidly growing data environment in an efficient and effective manner.

Related Products/Solutions:

- **erwin Data Modeler Standard Edition:** conceptual, logical, physical and dimensional model creation and deployment
- **erwin Data Modeler Workgroup Edition:** repository based data modeler collaboration and model lifecycle management
- **erwin Data Modeler Navigator Edition:** read-only access for data model discovery and analysis
- **erwin Web Portal:** web-based collaboration platform to share models and metadata with stakeholders
- **erwin Data Governance:** web-based collaboration platform to share models and metadata with stakeholders and author and integrate data governance architectures and constructs
- **erwin Safyr Option for ERP:** metadata management and model creation for ERP and Cloud applications

For more information, please visit www.erwin.com

erwin, Inc. is the market-leading data modeling solution provider that helps organizations promote strong data governance and derive maximum value from their data-driven initiatives. For both traditional and “big data” sources, erwin® Data Modeling provides a collaborative data modeling environment to define, standardize, integrate, and clarify enterprise data assets through an intuitive, graphical interface. erwin is the industry leader with an active customer base of over 50,000 end users in more than 50 countries.