

erwin® Data Intelligence (erwin DI)

AT A GLANCE

erwin DI is the heart of the erwin EDGE platform that creates an “enterprise data governance experience” for IT and business collaboration. It combines data cataloging, data literacy and automation capabilities that make data assets easier to find, understand and use for smarter decision-making. erwin DI harmonizes all the pieces of data management and data governance to fuel an automated, real-time, high-quality data pipeline so data assets are stored in a central data catalog and then made accessible and understandable within a business user portal via role-based views. This data intelligence helps IT and business stakeholders produce the desired results to improve organizational performance.

KEY BENEFITS/RESULTS

- Schedule ongoing scans of metadata from the widest array of data sources.
- Keep metadata current with full versioning and change management.
- Map data elements from source to target, including data in motion, and harmonize data integration across platforms.
- Easily create and configure a business-centric data asset framework tailored to your organization for alignment and robust data governance.
- Give business context to your physical metadata through our business glossary and associated workflows, including preloaded industry terms (e.g., FIBO) and integration with erwin Data Modeler naming standards.
- Leverage AI and automation to quickly create and maintain your governance framework and asset associations, and to speed discovery and working with sensitive data.
- Help mitigate a wide range of risks to provide regulatory peace of mind.
- Break down silos between disconnected systems, spreadsheets, reporting and intelligence to enhance stakeholder understanding and trust in data to drive actionable insights.
- Enable data consumers to define and discover data relevant to their roles.
- Facilitate data understanding and use in a business context through business-user socialization and collaboration.
- Ensure the organization is fluent in the language of data.

KEY FEATURES

- Automated metadata harvesting and data cataloging
- Version mapping for tracking changes instantly, and integrated requirements, testing and deployment management
- Accelerated pre-ETL mapping and easy import of legacy mappings and plug-in code generation for Data Vault and leading ETL/ELT tools, Big Data systems and scripts
- Flexibility to set up and manage access, governance tasks, workflows and notifications by user or by organizational roles
- Flexible metamodel to create different business asset types, customize attributes, and support the full range of semantic associations between business and technical assets
- AI capabilities to auto match business and technical assets when creating and maintaining governance frameworks, and to identify, tag and manage sensitive data faster (PII, GDPR, CCPA, and more)
- Self-service, on-demand mind map visualizations for business users showing metadata and governance relationships
- Real-time data impact analysis to manage the risk and scope of changes to the data landscape
- On-demand data lineage analysis and visualizations with interactive navigation, filtering and zoom capabilities
- Automated bulk harvesting of erwin data models to enhance metadata and accelerate glossary authoring
- Built-in data profiling, integrated quality metrics and reference data management including code sets and “cross walks”
- Community rating and business asset collaboration capabilities within an accessible, business-friendly user portal

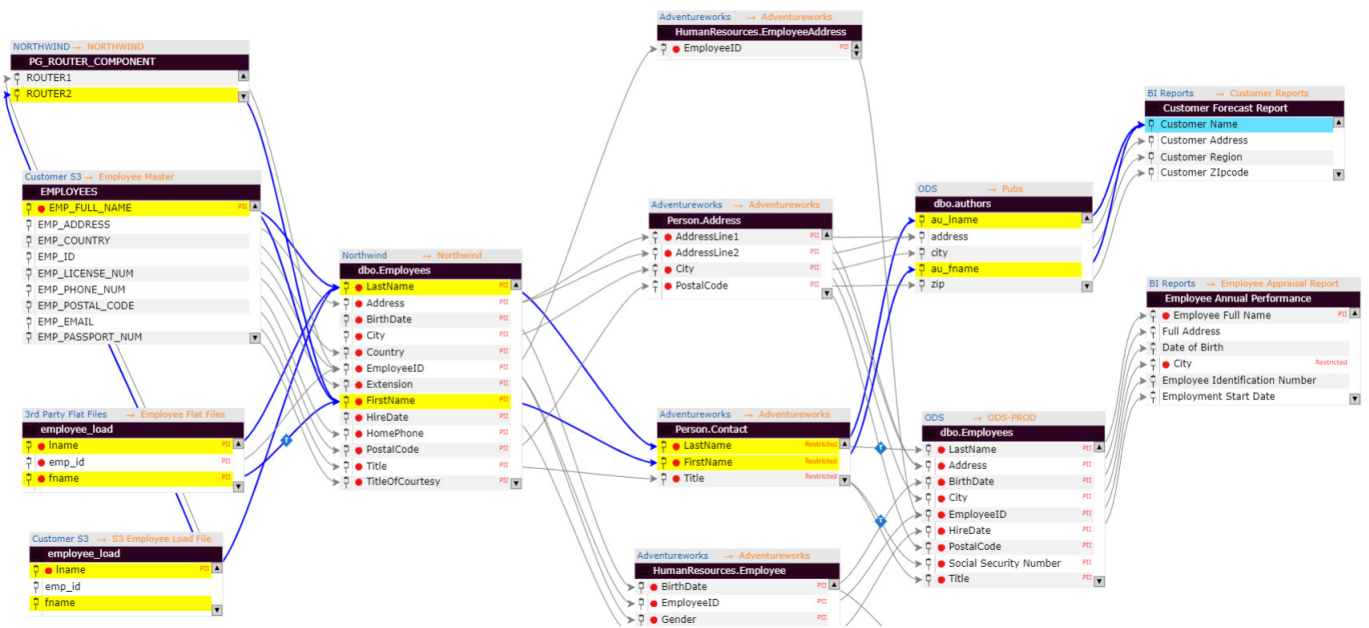
SOLUTION OVERVIEW

erwin DI provides an automated metadata-driven approach to enterprise data preparation, management and literacy through the following key features:

- **Automated metadata harvesting, cataloging & curation** — Schedule scans to harvest detailed technical metadata from a variety of metadata sources. Use erwin Standard Data Connectors to auto document DBMS and flat file metadata and erwin Smart Data Connectors to auto document ETL/ELT, procedural and scripting code, BI/reporting environments, and cloud environments and applications.
- **Version management & change control** — With built-in versioning, baseline and archive mapping documentation and view change comparison reports to enable efficient IT and regulatory audits and change control.
- **Empowered user interface** — Business users can easily define views, rate and “favorite” business assets, and create to-do lists and requests of data owners. Out-of-the-box summary pages also are included.
- **Data stewardship & data ownership** — Manage business term definition and approval, associated data policy and business rules, and assign data owners and subject-matter experts to improve accountability and compliance.
- **Automated data model harvesting from erwin DM WorkGroup Edition** — Schedule the bulk harvesting and cataloging of erwin data models, model mappings and naming standards to align data modeling and intelligence efforts.
- **Sensitive data discovery** — Use AI to automate and speed identifying and tagging sensitive data elements. Then manage them through a dedicated dashboard to accelerate compliance and reduce risks.
- **On-demand mind mapping** — Provide a one-click view of data elements and their relationships to physical, logical and governance metadata.
- **SAML 2.0 integration** — Accelerate the deployment and adoption of erwin data cataloging by aligning it with your security and access-control infrastructure.

CRITICAL DIFFERENTIATORS

- Centralized metadata-driven mapping with automation support for most ETL and data asset technologies** — Efficiently transform and move data in tight alignment with business-driven requirements from a single, unified platform. Drag-and-drop and auto-mapping features accelerate the creation of mapping documents, eliminating manual work and costly errors seen with the traditional Excel approach.
- Enterprise metadata catalog** — Automate the harvesting, cataloging and visualization of any metadata from anywhere, including reference data, data movement processes, data lineage and impact analysis.
- Lifecycle management** — Manage and socialize the gathering of functional requirements, mapping design, testing and release management of enterprise data movement and transformation projects.
- Built-in reference data management, data profiling & data quality** — Ensure the context of your data is understood, under control and visible to all stakeholders.
- Role-based customization** — Efficiently create and assign access, governance tasks, workflows and notifications to your specific organizational roles to fit your unique data governance program.
- Business glossary** — Build glossaries of terms in taxonomies with synonyms, acronyms and relationships to describe the organization's data assets. Publish approved standards for these terms to the wider organization to improve clarity/precision of language. Also prioritize terms, flagging information regarding regulatory requirements.
- Flexible metamodel** — Support a robust, customizable data governance framework. Create different types of business assets and custom attributes and utilize erwin AIMatch to discover and create associations between all business and technical asset types.
- Role-based, self-service** — Create and change roles to suit the data needs and processes of users. Self-service access with flexible search mechanisms makes it easy to find data assets and understand them in a business context for faster analysis and decision-making.
- Empowered user interface** — Business users can configure views easily, rate and "favorite" business assets, and create to-do lists and requests of data owners. Elastic Google-like search and AI capabilities provide ranked, best-fit data asset results in seconds.
- On-demand, interactive mind maps** — See semantic relationships between different assets, drill-down and filter to effectively discover and understand your governance and metadata framework.
- Intelligent upstream & downstream data lineage & impact analysis** — Understand, harvest and document the origin of data in BI reports and in the data warehouse with lineage reports. See real-time impact diagrams linking core data elements to the business glossary.
- Sensitive data classification & dashboarding** — Use AI to speed the curation of metadata to find and tag sensitive data elements, then manage the data through a sensitive-data dashboard.
- Integration with enterprise modeling software** — Combine erwin DI with erwin's data modeling, enterprise architecture and business process modeling and analysis software for a comprehensive data-driven approach to risk management, agile innovation and business transformation.



erwin DI provides on-demand data lineage down to the column level, detailing data flows from source systems to reporting layers and including all transformations. View data elements by physical and logical naming, and filter based on sensitive data classification.

For more information, please visit www.erwin.com.

erwin provides enterprise modeling and data intelligence software enabling customers to discover, understand, govern and socialize their data to mitigate risks and realize results. The erwin EDGE platform creates an "enterprise data governance experience" for IT and business collaboration in driving meaningful insights, agile innovation, risk management and business transformation. Integrated data modeling, data governance, enterprise architecture and business process modeling capabilities ensure information flows to the right people to guide smart decisions.