

erwin® Data Intelligence by Quest® Components

erwin® Data Intelligence by Quest® combines data cataloging, data literacy and automation capabilities in a comprehensive software solution so organizations can harmonize their data management and governance efforts to reduce risks, create efficiencies and maximize the return on their data assets. It takes an active, metadata-driven approach to connect all the pieces of the data management and data governance lifecycle in an automated flow, with full lineage down to the column level, as well as impact analysis. Data stakeholders then have access to relevant, accurate, timely and understandable data for collaborative decision-making.

erwin Data Catalog by Quest

erwin Data Catalog by Quest automates enterprise metadata management, data mapping, code generation and data lineage for data movement and/or integration and modernization of the architecture. The solution harvests metadata from a broad variety of data sources and maps data elements from source to target, including data-in-motion, while harmonizing data integration across platforms.

Sensitive data identification and automated data quality assessment guide data management, preparation and usage, while reference data and lifecycle management capabilities provide added transparency and control. A configurable data catalog dashboard provides high-level visibility of key data catalog metrics backed by the drill-down detail to ensure understanding and take action.

erwin Metadata Manager includes the metadata management repository and capabilities to deliver a sustainable metadata foundation for data preparation, management, governance and consumption.

- Automated scanning and harvesting of technical metadata from JDBC-compliant data-at-rest sources on-demand or via advanced scheduling and auto execution using included erwin Standard Data Connectors by Quest
- Comprehensive metadata versioning and change management
- Automated data lineage and impact analysis with graphical visualizations across physical data assets and data movement processes, including business and technical views, sensitive data identification, and the ability to drill down through levels of detail from any view
- Sensitive data classification complete with the ability to bulk classify data elements based on lineage and a fully navigable, configurable sensitive data dashboard
- Viewing of sample data while browsing registered data assets with the ability to customize a preview and view output on-demand

erwin Mapping Manager provides an integrated development environment for creating and maintaining source-to-target mapping and transformation specifications to centrally version control data movement, integration and transformation.

- Integrated mapping repository and development environment, including intelligent auto-mapping, drag-and-drop mapping, mapping documentation and reusable transformations libraries
- Reverse-engineering of ETL/procedural/scripting code into mapping specifications using optional erwin Smart Data Connectors for auto documentation
- Automated code generation from mapping specifications, using erwin Smart Data Connectors, for outbound ETL, ELT and scripting of all types
- Connection to erwin Data Modeler by Quest for automated and schedulable bulk harvesting of data models, mappings and naming standards from the erwin Data Modeler Workgroup Edition repository

erwin Data Quality automates data profiling and data quality assessment, provides optional data observability and remediation capabilities, and extends data quality visibility across the enterprise.

- Leverage erwin Data Catalog metadata to initiate a quality assessment
- Use AI/ML-enabled auto-discovery and data profiling within the erwin Data Quality platform to detect data patterns and automatically generate data quality scores
- Reference data quality scores throughout erwin Data Intelligence, alongside data catalog metadata, within data lineage, impact analysis, mind maps and within asset search results
- Add optional data observability for continuous data monitoring and data remediation tools to improve data quality

erwin Reference Data Manager manages reference data of all types to provide visibility, control and consistency, reduce costs and ensure accurate and consistent use across enterprise systems.

- Centralized management of reference data, valid values and code sets plus their relationships to physical data assets in a single integrated platform
- Automated validation with rules and reference tables
- Version management and complex crosswalks across related reference data assets for standardization and integration

erwin Lifecycle Manager enables visibility and control for migration, modernization and integration projects across the system development lifecycle.

- Association and management of business requirements within mapping projects
- Test management to create test cases and enable automated test scripts in mapping
- Release management for planning, tracking and publishing integration release cycles
- Built-in integration with HP-ALM testing suite
- Integration with enterprise requirements management packages (e.g., IBM DOORS) using optional erwin Smart Data Connectors

erwin Smart Data Connectors are optional automation and developer productivity tools for use with erwin Data Catalog. Harvest metadata from complex data-at-rest sources and data-in-motion from a variety of code types, tools and languages (BI, ETL, ELT) for full data landscape visibility. Additionally, improve processes and platform integration with code generation capabilities.

- Reverse-engineering of metadata and specifications for major BI and reporting solutions
- Reverse-engineering and forward-engineering of ETL/ELT, procedural and scripting code into and from a mapping repository

erwin Data Literacy by Quest

erwin Data Literacy by Quest enables data stewards to curate and govern data assets so data consumers can discover data relevant to their roles and understand it within a business context. By creating data communities and promoting data fluency, it ensures stakeholders have an integrated and contextual view of the semantic, business and technical aspects of the entire data landscape.

A configurable data literacy dashboard gives data stewards and owners front-and-center visibility of key business asset statistics and data stewardship activity backed by the drill-down detail to move data governance forward. erwin Data Literacy includes:

erwin Business Glossary Manager gives data assets business context (terminology, policies, rules) to ensure business visibility, understanding and alignment. It lowers governance costs, reduces data discovery and analysis cycles, and speeds the time to meaningful insights.

- Business glossary capabilities to author and manage business terms related to data assets and policies in one or more glossaries
- Policy management to create, maintain and publish policies according to roles and responsibilities
- Rules Manager to define rules for the creation, use and management of terms in business language
- Out-of-the-box, customizable workflows to manage the authoring, review and approval of business terms, policies and rules
- Access to all business asset details, associated data governance workflows, parties involved, asset history and sensitive data classifications in one place

- Tailor preconfigured and user-defined business asset types, descriptive attributes, and business and technical asset relationships to your unique governance framework
- Interactive mind maps showing semantic relationships between business and technical assets
- Auto-discovery of asset associations with erwin AIMatch to speed sensitive data classification (PII, GDPR, CCPA and more)

erwin Asset Discovery and Collaboration provides an integrated consumer-like search and discovery experience that empowers all users to easily find, understand, collaborate on and know how to best use data assets across the enterprise.

- Dynamic content filtering, community rankings of data assets, and other asset tags help non-technical users quickly locate available assets
- Immediate business-friendly access to data literacy aids including asset-related glossary terms, data lineage, impact analysis, mind maps and data quality information
- Collaboration tools to bridge communication between business users and data governance teams including socialization features, to-do list workflows and chat capabilities

About Quest

Quest creates software solutions that make the benefits of new technology real in an increasingly complex IT landscape. From database and systems management, to Active Directory and Office 365 management, and cyber security resilience, Quest helps customers solve their next IT challenge now. Quest Software. Where next meets now.