erwin® Data Catalog by Quest®

erwin® Data Catalog by Quest® automates enterprise metadata management, data mapping, code generation, impact analysis, data lineage and more for faster delivery and greater accuracy in data movement and deployment projects. Automatically harvest metadata from various data sources and map data elements from source to target, including data-in-motion, plus harmonize data integration across platforms.

Gain broad and deep visibility of your entire data landscape, complete with sensitive data identification and data quality assessment to guide data management, preparation and usage. When combined with erwin Data Literacy by Quest, see data assets within business context for the data intelligence to govern and speed digital transformation, maximize data potential and protect against operational risks — all with less reliance on technical resources.
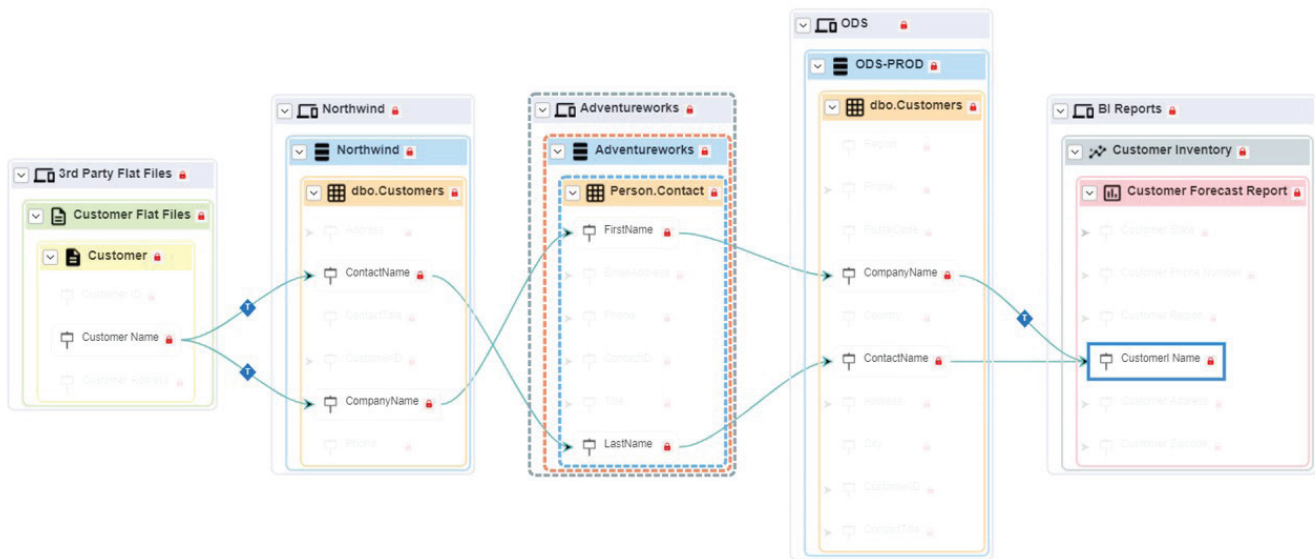
Key features

erwin Data Catalog provides an automated metadata-driven approach to support enterprise data management and data preparation through these features:

- **Automated metadata harvesting, cataloging and curation —** Harvest detailed technical metadata from a broad range of metadata sources. Use included erwin Standard Data Connectors by Quest to ingest and auto-document data-at-rest

Benefits:

- Automatically harvest, catalog and curate metadata from anywhere into an enterprise metadata catalog, including reference data, data lineage, impact analysis and data quality

- Provide one central governance framework for data, classification and integration

- Tackle data quality with automated profiling, scoring, data observability and remediation to reduce operational costs and risks

- Speed time to value and improve accuracy of data pipeline projects with governance, automated metadata enrichment, data quality assessment and more

- Auto-generate everything from big data, ETL and database procedural code to data lineage and impact analysis

- Support IT audits and regulatory compliance by governing enterprise data assets, data management processes and infrastructure

- Provide the visibility to understand, manage, protect and best leverage data across the organization
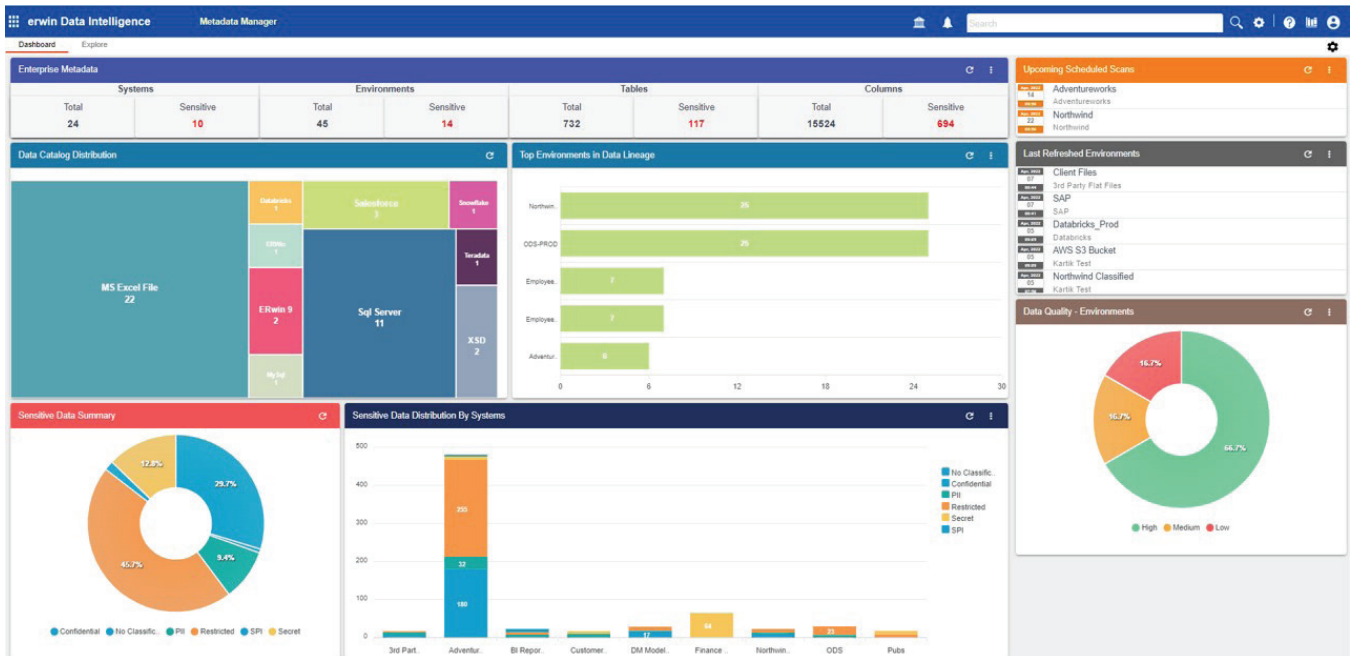
Data lineage within erwin Data Catalog by Quest provides a single, understandable view of your entire data landscape and immediate drill-down access to the data details needed. Visualize data flows from source systems to reporting layers, including all data transformations.

from common industry JDBC-compliant DBMS and flat file metadata. Add optional erwin Smart Data Connectors by Quest to harvest more complex data-at-rest sources, as well as data-in-motion metadata from ETL/ELT, procedural and scripting code, BI/reporting environments, and cloud environments and applications.

- **Easy data mapping —** Use drag-and-drop and auto-mapping features to accelerate the creation of metadata-driven mapping documents, eliminating manual work and costly errors seen with the traditional Excel approach.

- **Version management and change control —** With built-in versioning, baseline and archive all mapping documentation and view change comparison reports to enable efficient IT and regulatory audits and change control.

- **Upstream and downstream lineage —** Generate on-demand lineage down to the column level and visualize data flows from source systems all the way to the reporting layers, including all transformations. Fully configurable and navigable lineage diagrams provide high-level business views as well as detailed technical depictions. Easily zero-in on sensitive data and other key impacts.

- **Impact analysis —** Instantly identify the impact of change to an attribute or table across your data landscape in a matter of seconds, saving valuable time and resources and minimizing risk.

- **Dashboard visibility —** Better manage and holistically understand the composition of your data landscape by viewing and drilling into key data catalog attributes such as sensitive data distribution, top data sources, data quality, data lineage composition and operational elements.

- **Sensitive data classification and management —** Curate metadata to classify, or leverage lineage analysis to bulk classify, sensitive data elements and manage them through a sensitive data dashboard.

- **Automated data model harvesting from erwin Data Modeler Workgroup Edition by Quest —** Schedule harvesting and cataloging of erwin data models, model mappings and naming standards to align data modeling and intelligence.

- **Integrated data quality assessment –** Automate data profiling and scoring of data sources and view data quality scores alongside data catalog metadata and within data lineage, impact analysis, and asset search results.

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erwin Data Catalog provides the visibility to understand and better manage your data landscape from an IT perspective. Use the erwin Data Catalog dashboard to contextualize your data landscape at a high level as well as easily drill into data details.

- **Data observability and remediation –** Add optional capabilities for continuous data quality monitoring and data remediation to observe data behavior and volatility, and tackle data quality issues.

- **Enterprise tags —** Tag metadata and mappings with hashtags to speed future discovery, organize for analysis and prepare for automation. View assets related to a specific tag in list form or in a mind map.

- **Reference data management —** Centrally map and manage reference data code sets for accuracy and quality across enterprise datastores. Versioning and change management capabilities ensure code sets are applied consistently and their usage is auditable and transparent.

- **Requirements, testing, deployment management and integration —** Manage the software delivery lifecycle and provide stakeholder visibility with built-in capabilities and integration.

- **Support for re-platforming and data migration —** Easily scan metadata from various operational systems to migrate the schema for data movement processes. Integration with an in-house ETL tool generates jobs to move data to the target systems.

- **SAML 2.0 integration —** Speed deployment and adoption of erwin Data Catalog by aligning it with your security and access-control infrastructure.

- **Integration with erwin Data Literacy —** Empower data stewards, raise data literacy and fuel data governance with integration of a business glossary attaching business terms, policies, rules and more to data assets. Provide business-friendly asset discovery, complete with visualizations, to help users find, manage, govern and use data. Bring governance teams and business users together with socialization and collaboration 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.

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