

erwin[®] by Quest[®] Data Vault Automation

SERVICE DESCRIPTION

erwin[®] by Quest[®] automates the manual processes associated with designing, deploying, documenting and maintaining Data Vaults and provides the professional services to help you succeed. erwin Smart Data Connectors by Quest accelerate project delivery and reduce complexity, time and cost associated with Data Vault implementations by 70%.

KEY FEATURES

- Automatic generation of Data Vault metadata, DDL and source-to-target mappings
- Data lineage rendering and analysis across complex data ecosystems
- Auto-generated Data Vault ETL/ELT code from Data Vault mappings
- Solutions for Raw Vault, Business Vault and Information Marts
- Universal code generation for any ETL/ELT tool with an SDK
- ELT-tool optimization parameters, such as partitioning and parallelization
- Custom implementations to adhere to specific use cases
- Flexible implementation assessment and deployment services

APPROACH

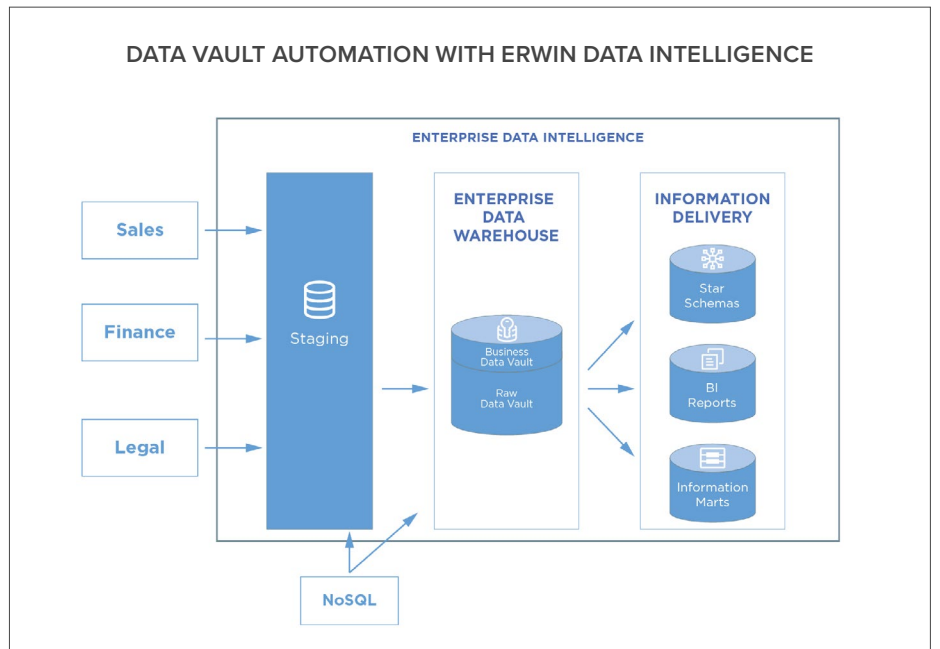
With Data Vault automation backed by erwin Smart Data Connectors, business analysts and ETL developers no longer need to manually perform time-consuming, mundane tasks, and can focus on business-critical initiatives.

Ingestion of underlying metadata and mappings into erwin Data Catalog enable erwin Smart Data Connectors to automatically generate massive amounts of ETL/ELT processing that align with Dan Linstedt's Data Vault 2.0 methodology. This saves considerable time and development effort and ensures standardization and reuse.

Flexible automation to stage the source environment for any data source – generating the stage DDL, metadata, mappings, and ETL in accordance with Data Vault best practices – is also available.

KEY BENEFITS/RESULTS

- Centralize the specification and deployment of Data Vault architectures for better control and visibility of the development lifecycle, resulting in implementations that are on time, on budget and on target.
- Standardize Data Vault architectures to ensure maximum adaptability and reuse of Data Vault constructs for faster time to market and the seamless adoption of new and emerging requirements.
- Build and manage Data Vault deployments in the context of erwin Data Catalog by Quest, which is metadata-driven to ensure tight integration with data governance and intelligence initiatives.
- Automate data lineage rendering with traceability from the information mart back to the operational data to speed the investigation of issues, analyze the impact of changes and ensure regulatory compliance and ease of auditability.



Harness the power of the Data Vault with efficient and cost-effective metadata-driven automation from erwin by Quest.

DELIVERABLES

- Data Vault Hub, Link and Satellite code generation
- Business Vault Point-in-Time and Bridge tables
- Information Mart tables or views (Dimensions and Facts)
- Data Vault model and mapping generation within erwin Data Intelligence Suite
- Forward and reverse lineage
- Data Vault test cases

DURATION AND COST

Contact erwin today for a personalized demonstration and quote based on your organization's unique Data Vault requirements.

ABOUT QUEST

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