

erwin® DI Harvester for Evolve



AT A GLANCE

We all know the business benefits of a real-world enterprise architecture: faster and more informed decision-making, managing end-to-end business processes for knowledge management, and governing the IT estate in the age of digital transformation. Organizations have masses of data scattered across the a variety of data stores, making enterprise architecture difficult to keep current and relevant. Companies spend years and thousands of man-hours trying to maintain their architectures.

Now identifying impacts and gaps in your enterprise architecture through automation is easier with erwin DI Harvester for Evolve.

Powered by the erwin Data Intelligence Suite (erwin DI), erwin DI Harvester for Evolve systemically harvests data assets via smart data connectors for a wide range of data sources, both data at rest and data in motion. The harvested metadata integrates with enterprise architecture providing an accurate picture of the processes, applications and data within an organization.

KEY BENEFITS/RESULTS

- Automatically collect complete and accurate metadata from your enterprise application ecosystem.
- Objectively identify interfaces between applications from data in motion, such as ETL.
- Automatically highlight potential process flows based on data movement.
- Seamlessly integrate this metadata to any enterprise architecture framework.
- Determine real-world data stores.
- Intelligently update information at scheduled intervals.
- Link directly to the data level and drill down into the details for mappings, source to target transformations and more.

WHY DO ORGANIZATIONS NEED ERWIN DI HARVESTER FOR EVOLVE?

Every EA use case can benefit from erwin DI Harvester for Evolve. With erwin DI, you can automatically harvest, transform and feed metadata from a wide array of data sources, operational processes, business applications and data models into a central catalog. With erwin DI Harvester for Evolve, you'll enable your enterprise architects to spend more time delivering strategic value by automatically updating your EA repository.

Following are some common use cases that erwin DI Harvester for Evolve supports.

REGULATORY COMPLIANCE

A pharmaceutical company wants to take a data-driven approach to improving the efficiency of the drug development process, while ensuring compliance for privacy, confidentiality, security and consent. With erwin DI Harvester for Evolve, it can:

- Document processes to show how data is collected and consent obtained
- Identify process improvements, based on what data is required, which applications support those processes, and the applications likely to hold additionally needed data
- Harvest data and auto document end-to-end lineage, as well as determine sensitive data elements
- Check and resolve data quality issues
- Apply AI/ML to improve the development process and model process changes for audit

FRAUD PREVENTION

As part of its fraud prevention program, a large bank wants to minimize losses and meet compliance standards regarding money laundering. With erwin DI Harvester for Evolve, it can:

- Map end-to-end processes, verifying ownership and updating process models as required
- Model underlying IT and set business policies and security guidelines to prevent money laundering
- Harvest data and auto-document end-to-end lineage across applications and processes
- Identify and resolve data quality issues
- Apply algorithms to define and identify anomalies linked to potential fraud and then alert analysts and architects in real time using data visualization techniques
- Update and highlight processes regarding how the bank should handle anomalies when detected

INCREASING CUSTOMER LIFETIME VALUE

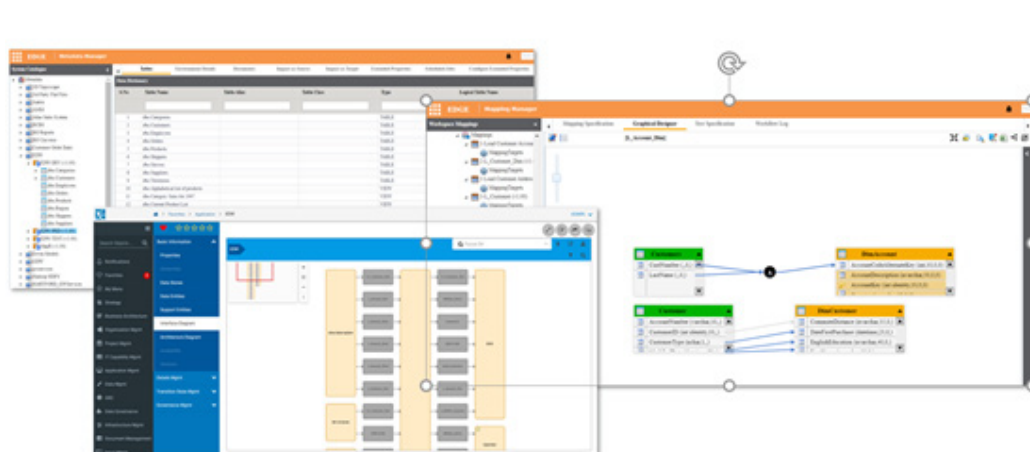
A global retail chain wants to better understand and increase customer lifetime value to maximize profits. With erwin erwin DI Harvester for Evolve, it can:

- Analyze the customer journeys, including buyer behaviors/activities and services used
- Identify the applications that support the most common customer journeys and determine where improvements can be made
- Harvest data for those applications and auto-document end-to-end lineage
- Identify and resolve data quality issues
- Conduct customer lifetime value predictive analysis
- Maximize insights for continuous business improvements

CLOUD TRANSFORMATION AND MODERNIZATION

A large utility company wants to migrate from a legacy, on-premise database to a new, cloud-based data warehouse. With erwin DI Harvester for Evolve, it can:

- Document the business processes, applications and current data infrastructure
- Map the journey of the data through business applications and processes
- Model the target architecture for the company, including the new SaaS systems
- Auto-document new transformations and uses of data
- Generate scripts to transform existing data to the new database type, saving thousands of man-hours



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

As the data governance company, erwin provides enterprise modeling and data intelligence software to help customers discover, understand, govern and socialize their data to mitigate risks and realize results. The erwin EDGE platform facilitates IT and business collaboration in driving actionable insights, agile innovation, risk management and business transformation. We help government agencies, financial institutions, healthcare companies and other enterprises around the world unlock their potential by maximizing the security, quality and value of their data assets.