erwin®
the data governance company

Automated Migration to Azure

At a glance

Conversion from legacy ETL/ELT to Azure is very time consuming and error prone.

The erwin Automation Framework interprets natural language mappings and generates standardized and reusable code, speeds up manual processes and creates high-quality, consistent code.

Metadata-driven code engineering accelerates ETL/ELT development and cross-platform deployments and migrations, Big Data deployments, Data Vault, Data lake, Snowflake, data warehouse automation & modernization, data movement QA/testing tasks, SQL/DDL generation and more…

3 Step Methodology

Assessment

- Discovery of the source environment, classification of jobs
- Assessment of the optimal level of automation, costing and timelines

Automation

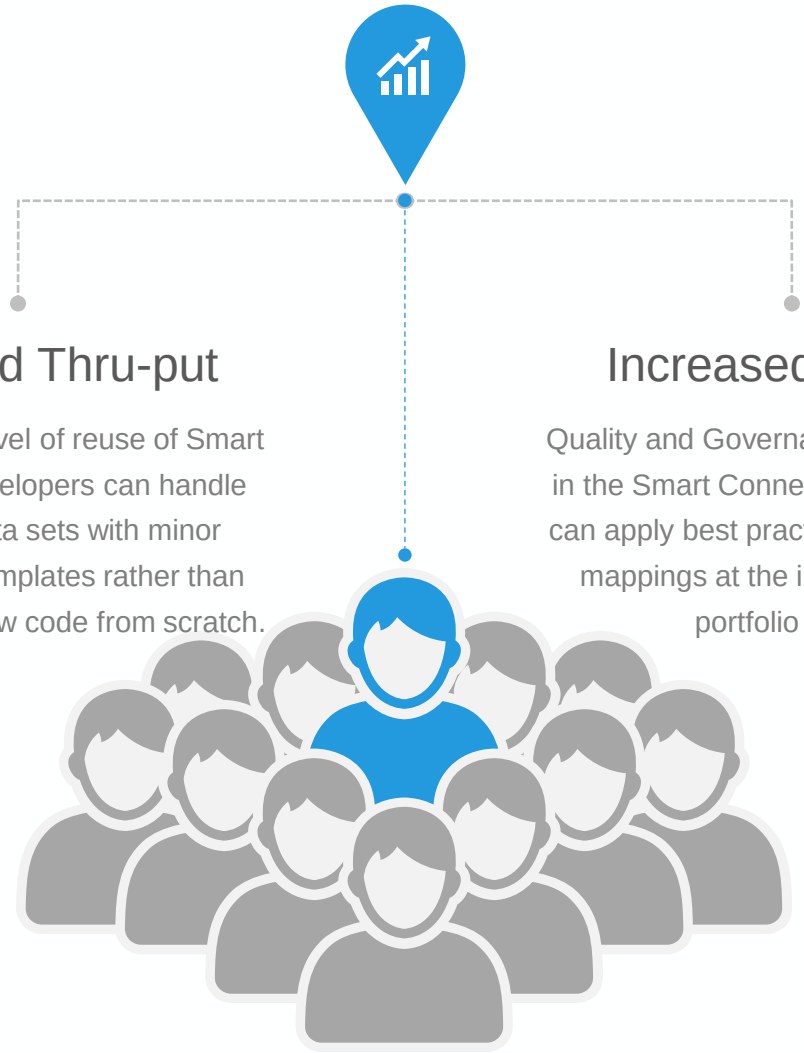
- Smart connectors developed/customized for select design patterns
- Automated conversion of jobs in sprints

Touch-ups & Testing

- Manual touch ups to remaining jobs where automation was not possible
- Quality assurance for the converted jobs & testing in target environment

Benefits

- Most projects are automated anywhere between 50% and 80%
- Project timelines and costs are significantly reduced (2x or more)
- Less need for highly skilled ETL developers
- Centralized and standardized code management with all automation templates stored in a governed repository
- Better quality code and minimized rework
- Cross-platform support of scripting languages and data movement technologies
- Customer can buy a subscription to erwin DI Suite once the project is completed, with all their lineage already built-in



Increased Thru-put

Because of the level of reuse of Smart Connectors, developers can handle nuances in data sets with minor tweaks to the templates rather than having to write new code from scratch.

Increased Quality

Quality and Governance is embedded in the Smart Connectors. Developers can apply best practices to a group of mappings at the index, project or portfolio levels.

Competitive Edge

Extensive support of most ecosystems

- Forward and reverse-engineering of ETL/ELT/Big Data/Snowflake/DV procedural/Scripting languages code with auto documentation
- Fastest and most accurate path to data lineage, impact analysis and other detailed graphical relationships.

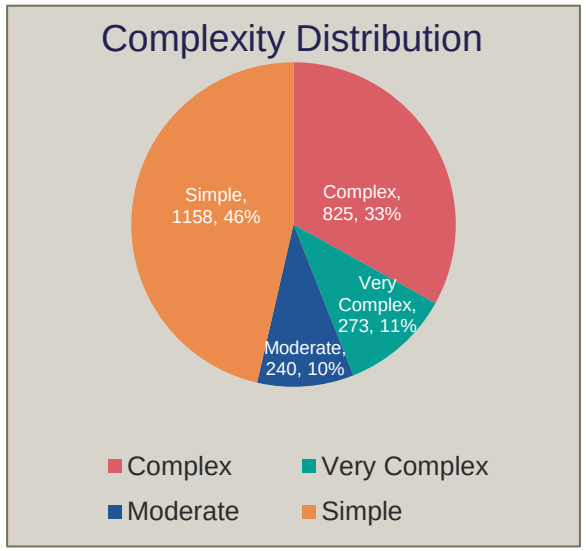
Metadata-Driven Mapping, Lineage & Catalog

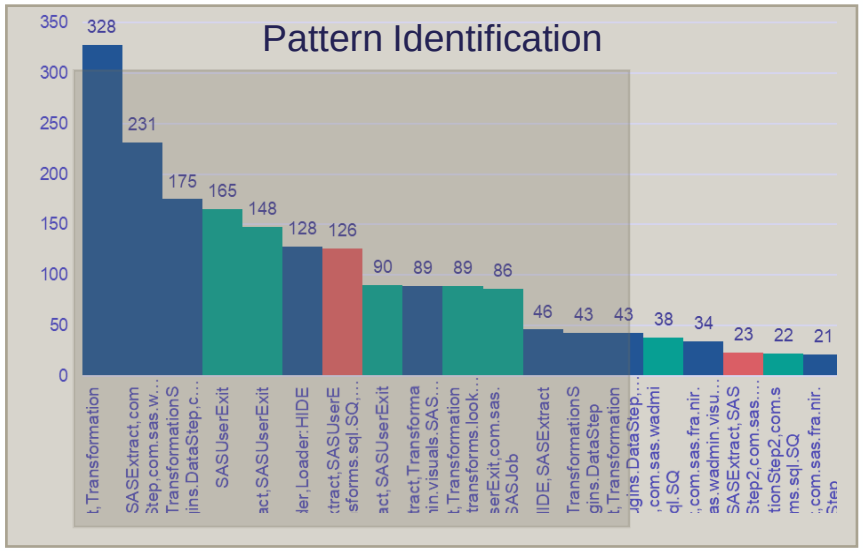
- Intuitive graphical user interface, to get data organized and cleaned before migrating

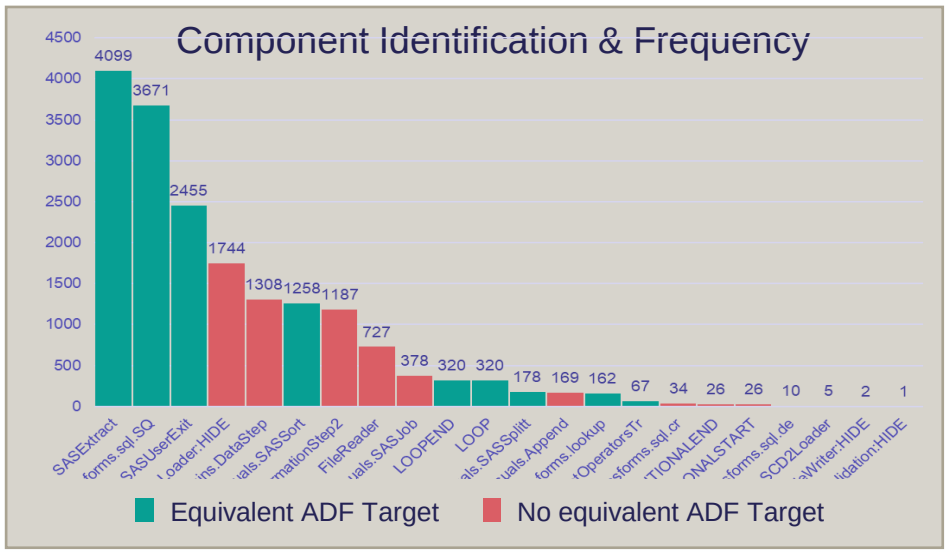
On-Demand Dynamic Data Lineage

- Automated harvesting, lineage building, refreshing and version-control of metadata
- Sustainable, centralized platform for lineage, impact analysis and compliance

Getting Started: Assessment and Project Scoping



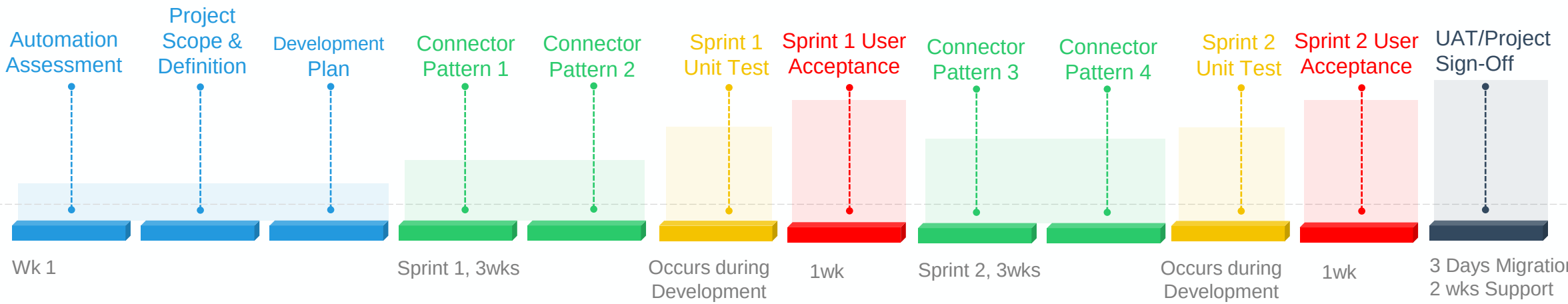




The Complexity Assessment phase will allow us to:

- Identify components in the source ETL and their frequency
- Detect hidden complexities ahead of actual conversion
- Determine expected automation gains
- Confirm duration, cost of project and ROI

Typical Project Delivery Model



- Executed in sprints to allow parallel execution of tasks
- Each sprint is validated through unit testing
- Final User Acceptance Testing at the end of project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