WhereScape® 3D

Automation to fast-track data infrastructure design.

WhereScape 3D Benefits

- Use a data- or model-driven approach, whichever best suits your organization.

- Cut time to production by automating design, testing, prototyping and revisions.

- Tame data complexity with automatic data source discovery, profiling and documentation.

- Engage and collaborate with business users through prototypes that use real data.

- Reduce risk by reality-testing designs to business needs and technical capabilities.

- Iterate on models and prototypes to support an agile approach.

- Automatically produce and update all documentation for downstream use.

- Share automatically generated ELT processing logic and ELT designs with WhereScape® RED to jumpstart development and delivery.

Data infrastructure projects are notorious with business stakeholders for taking too long and delivering too little value. Moving away from waterfall-style projects to an agile, iterative approach helps IT deliver on-target solutions to the business, far faster and with lower risk and cost. Automation is the secret weapon that makes agile—and DevOps—approaches efficient, fast, consistent and repeatable.
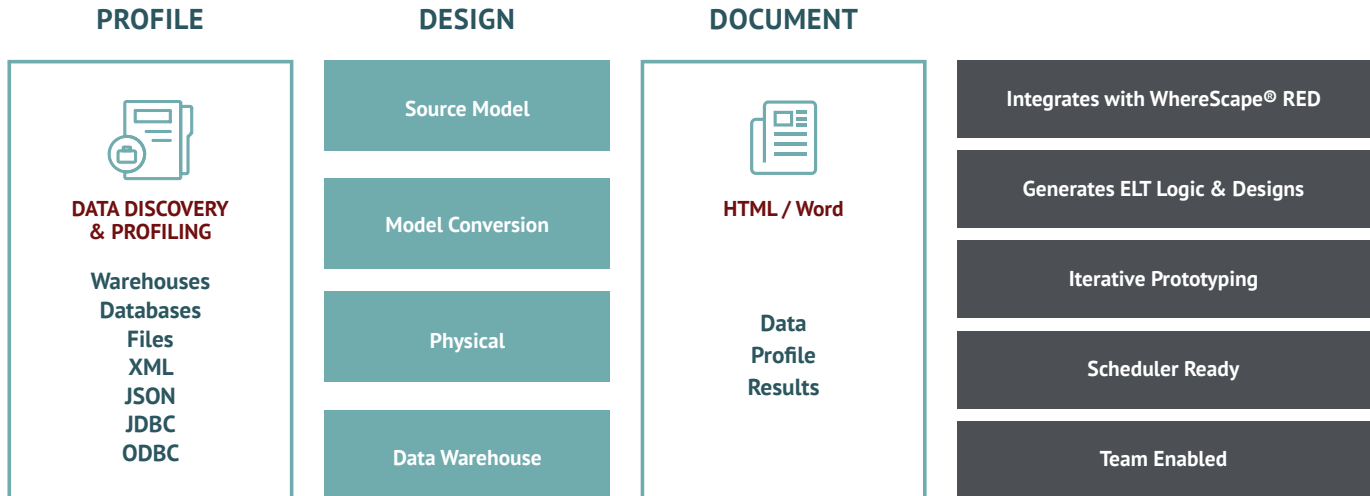
WhereScape 3D brings automation to the planning, modeling, design and prototyping of data infrastructure. By automating the routine, tedious and time-intensive data discovery, profiling, modeling, design and testing tasks, WhereScape 3D enables IT teams to deliver analytics value to the business faster and at less cost.

With WhereScape 3D, your team can close the gap between business needs and technical capabilities early in a project, reduce risk and speed up time to value. WhereScape's data discovery and profiling tools help you quickly understand new data sources and then leverage data-model best practices to automatically build, test and iterate on design prototypes with business users for rapid, early project success.

Supported Platforms

WhereScape 3D supports a wide variety of data sources including: Microsoft SQL Server, IBM DB2, IBM Netezza, Oracle, Snowflake, Teradata, Hadoop, Hive and many more. WhereScape 3D also supports source file formats such as CSV, JSON and XML. To see a complete list of supported on-premises and cloud target data platforms for use with WhereScape® automation, visit **www.wherescape.com**.

WhereScape 3D is a design tool that reduces time to production by 80 percent.

PROFILE	DESIGN	DOCUMENT	
DATA DISCOVERY & PROFILING Warehouses Databases Files XML JSON JDBC ODBC	Source Model / Model Conversion / Physical / Data Warehouse	**HTML / Word** Data Profile Results	Integrates with WhereScape® RED / Generates ELT Logic & Designs / Iterative Prototyping / Scheduler Ready / Team Enabled

Features

Delivers insight into data
Automatically discover, explore, profile and document new data sources, or existing data warehouses. Quickly identify data value, gaps and risks.

Automatically builds data models
Collaborate with users early in the project and automatically create designs using normalized, star schema, or data vault best practices.

Turns concepts into prototypes
Build, test and revise data models automatically using real or sample data to test and iterate your design.

Tests target schemas
Design and test target schemas using real data, and gain business-user approval before development begins.

Automates ELT processing logic
Instantly generate ELT processing logic based on source and target models.

Creates and maintains documentation
Auto-generate and update documentation as you make changes to ensure completeness for governance, funding, and internal communications.

Fast-tracks development and delivery
Integrates with WhereScape RED to automate and speed up development, delivery and operations.

Assesses the impact of change
Quickly understand the impact of source system or data infrastructure schema changes on existing data infrastructure.

About WhereScape
WhereScape helps IT organizations of all sizes leverage automation to design, develop, deploy, and operate data infrastructure faster. More than 700 customers worldwide rely on WhereScape automation to eliminate hand-coding and other repetitive, time-intensive aspects of data infrastructure projects to deliver data warehouses, vaults, lakes and marts in days or weeks rather than in months or years.