



# WhereScape RED

The fastest way to get business leaders the data they need.

WhereScape RED is a data warehouse automation solution that accelerates the design, development, deployment, and operation of data infrastructure. It simplifies and automates the end-to-end process, allowing organizations to rapidly deliver data infrastructure and business intelligence solutions.

## FEATURES/RED ADVANTAGE

- ▶ Automation to reduce manual effort and accelerate the process.
- ▶ Metadata Management to allow users to track and document changes to the data warehouse.
- ▶ Code Generation of SQL code and other scripts automatically based on the defined metadata, saving developers time and reducing the chance of errors.
- ▶ Data Modeling to help users design and visualize their data warehouse structures.
- ▶ Workflow Automation for the development, testing, and deployment of data warehouse components.
- ▶ Integration with Source Systems to facilitate the extraction and integration of data from various source systems into the data warehouse.
- ▶ Change Management features to track and manage modifications to the data warehouse environment.
- ▶ Data Lineage and Impact Analysis to visualize data lineage and impact analysis, helping users understand the flow of data and the potential impact of changes.

## KEY BENEFITS

- ▶ Standardize workflows with auto-generated documentation and metadata.
- ▶ Enable collaboration across data teams for continuity.
- ▶ Rapidly deliver new projects in days/weeks instead of months/years.
- ▶ Reduce budget overruns and data errors slowing delivery.
- ▶ Quickly scale data systems while maintaining compliance.
- ▶ Incorporate new data sources easily.

## RESULTS

Automates over 90% of hand-coding

**90%**

Reduce project costs by up to 75% by automating

**75%**

Shortens the data infrastructure development cycle by

**80%**

### Use Case

#### Data Warehousing

**Scenario**  
Building and managing a data warehouse to consolidate and organize data from disparate sources.

**Use Case**  
WhereScape RED automates the design, development, and maintenance of data warehouses, enabling organizations to create scalable and efficient data storage solutions.

#### USE CASE SPOTLIGHT

### Migrating Your Data Warehouse to the Cloud?

Without automation, a data warehouse migration project to the cloud is prone to human error and inefficiency.

#### Why?

Because migration mechanisms must preserve data structure. Data integrity must also be preserved which is almost impossible manually. Also, with manual migration, changing analytical environments can't be guaranteed without disruption.

These are serious costs.

With automation, the data warehouse migration process is consistent, efficient, and effective. This results in faster deployments, easier maintenance, and higher team satisfaction. Environment auto documentation is painlessly created and updated. Sustainably maintaining existing functionalities are easier, even with constantly changing requirements.

Automation pays for itself.

#### CASE STUDY SPOTLIGHT



Volkswagen Commercial Vehicles (VGSG), facing challenges in efficient business intelligence solution delivery, opted for WhereScape to automate their data warehouse. This choice resulted in sixfold faster data delivery, enhanced documentation quality, and significantly reduced time to business value, aligning with their goal of a more conceptual and iterative data management approach.

#### KEY CAPABILITIES

##### Data Integration

- ▶ **Automated Data Ingestion:** WhereScape RED supports the automated extraction, transformation, and loading (ETL) of data from various sources into the data warehouse.
- ▶ **Metadata Management:** Centralized metadata repository ensures consistency and visibility into the data integration process.

##### Data Modeling

- ▶ **Graphical User Interface:** Intuitive graphical interface for designing and visualizing data models.
- ▶ **Version Control:** Enables versioning and change management of data models, ensuring traceability and auditability.

##### Code Generation

- ▶ **Automated Code Generation:** Generates platform native code, such as Python and SQL, for various code for various data platforms, reducing manual coding efforts.
- ▶ **Cross-Platform Compatibility:** Supports leading data platforms such as Snowflake, Databricks, Redshift, Azure SQL and more.

##### Workflow Automation

- ▶ **Process Automation:** Automates the end-to-end workflow, from data modeling to deployment, ensuring efficiency and consistency.
- ▶ **Dependency Management:** Manages dependencies between tasks and processes, optimizing the execution sequence.

##### Collaboration and Documentation

- ▶ **Collaborative Environment:** Facilitates collaboration among development teams, data engineers, and other stakeholders.
- ▶ **Documentation:** Automatically generates technical and end-user documentation for data infrastructure, promoting transparency and knowledge sharing.

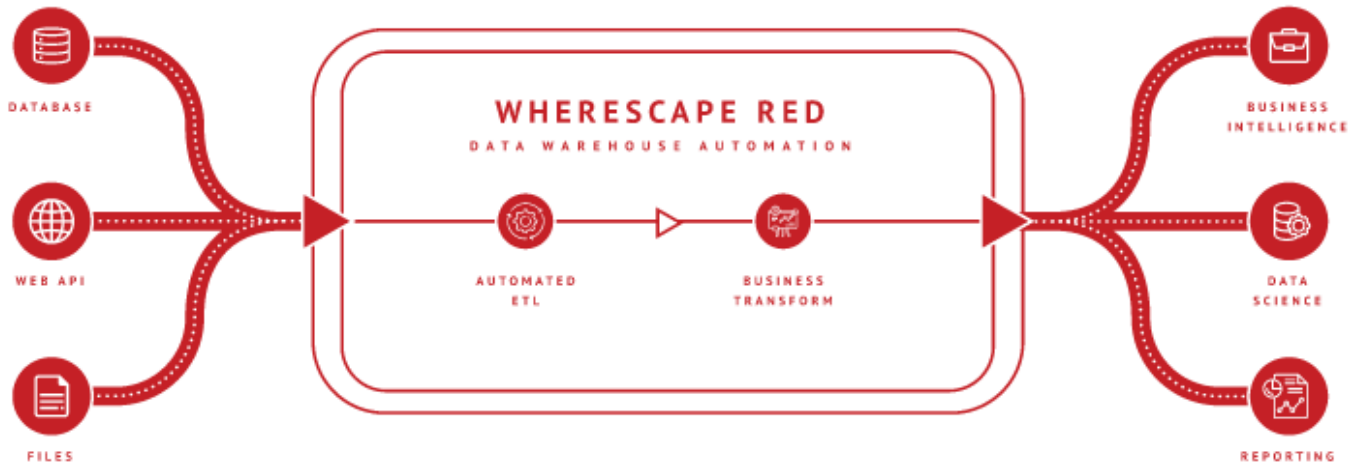
##### Deployment and Operations

- ▶ **Deployment Automation:** Simplifies and automates the deployment of data solutions into production environments.
- ▶ **Monitoring and Optimization:** Provides tools for monitoring performance and optimizing data infrastructure

# WhereScape®

## Data Automation

### WHEREscape RED DATA SHEET

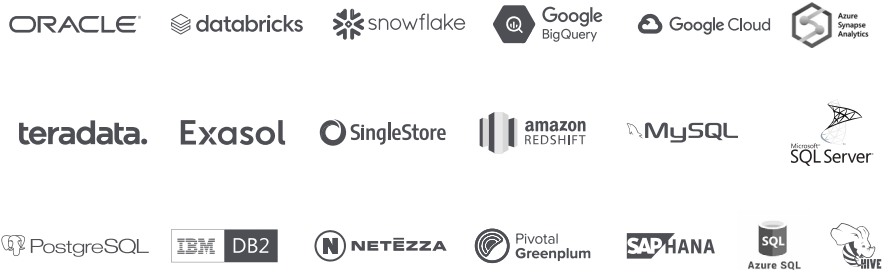


WhereScape RED automation shortens the data infrastructure development cycle by

# 80%

#### SUPPORTED PLATFORMS

WhereScape adapts to your data environment with seamless automation, whether you stay with your current platform or switch to a new one.



### Take the Next Step with WhereScape RED

Transform your data infrastructure today with WhereScape RED. Don't let complex data environments or slow development cycles hold your business back. Accelerate delivery, reduce costs, and empower your team with the tools they need to succeed.

Connect with us at [wherescape.com](https://wherescape.com) or email us at [sales@wherescape.com](mailto:sales@wherescape.com).



#### About WhereScape

About WhereScape. WhereScape helps IT organizations leverage automation to design, develop, deploy, and operate data infrastructure faster. More than 1,200 customers worldwide rely on WhereScape automation to eliminate hand-coding and other repetitive, time intensive tasks to deliver datawarehouses, vaults, lakes and marts in days or weeks rather than in months or years. WhereScape has global operations in the USA, UK, Singapore and New Zealand.