

Automation: Why, What, How...

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Why?





Automation Delivers Data Analytics Platforms

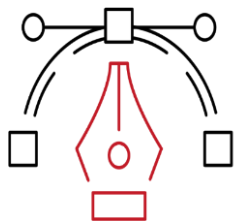
- ✓ Faster = happier end users
- ✓ Reduced cost with limited risk
- ✓ With greater consistency and supportability
- ✓ Easier to evolve, expand and port to new platforms in future
- ✓ Documented and compliant

What?



WhereScape®
Data Automation

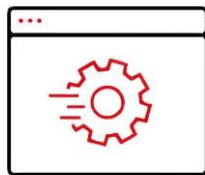
The 5 “D”s of Automation



Design



Develop



Document



Deploy



Daily Ops

WhereScape Applications

WhereScape® 3D

- Discover source systems
- Profile source data
- Model Design
- Metadata Tagging
- Generate Models

WhereScape® RED

- Generate physical structures
- Generate Integration/ETL/ELT code
- Schedule
- Document
- Deploy



WhereScape Enablement Packs



Your Modeling Styles

Data Vault / Data Lake / Data
Mart / ODS / Dimensional /
EDW / Normalised / Bi-
Temporal / Custom



Your Platforms

Cloud / On-premises /
Hybrid / RDBMS / Hadoop /
Single platform or
Federated



Your Patterns

Micro Batch / Real-time /
Full load / Incremental
load / History / Slowly
Changing

Product Updates

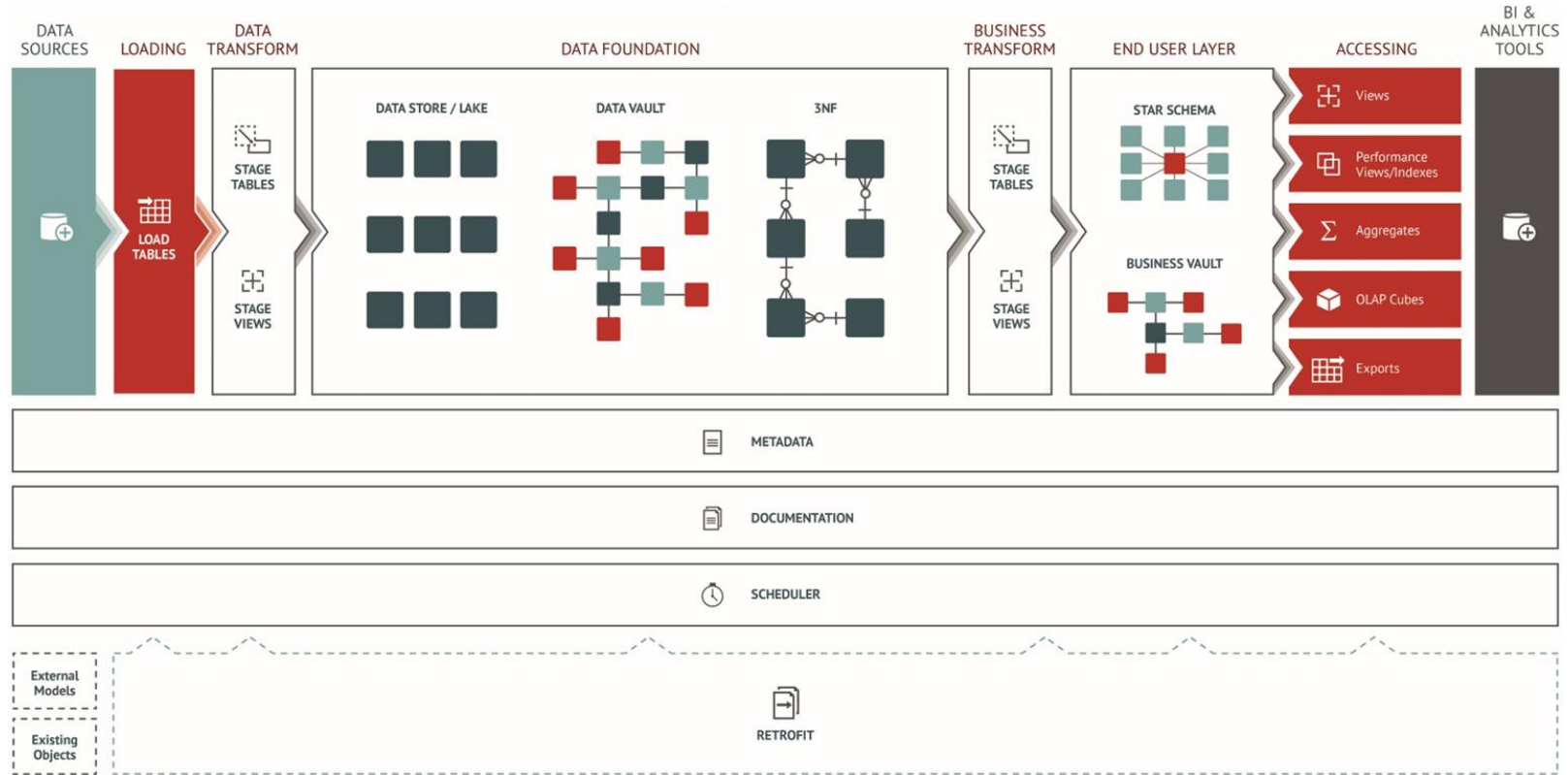
- *Recently released*
 - RED & 3D 9.0.1.1
 - Templated Security
 - RED 10.0.0.2
 - New cross-platform Scheduler
 - UI refresh
 - Fully templated (incl. Scheduler & Action Scripts)
 - Enablement Packs
 - Databricks EP
 - PostgreSQL EP
 - Snowflake EP
 - Azure Synapse EP
- *Coming soon*
 - RED 10 Migration EP
 - 3D 9.0.2.0
 - DevOps & Performance

How?

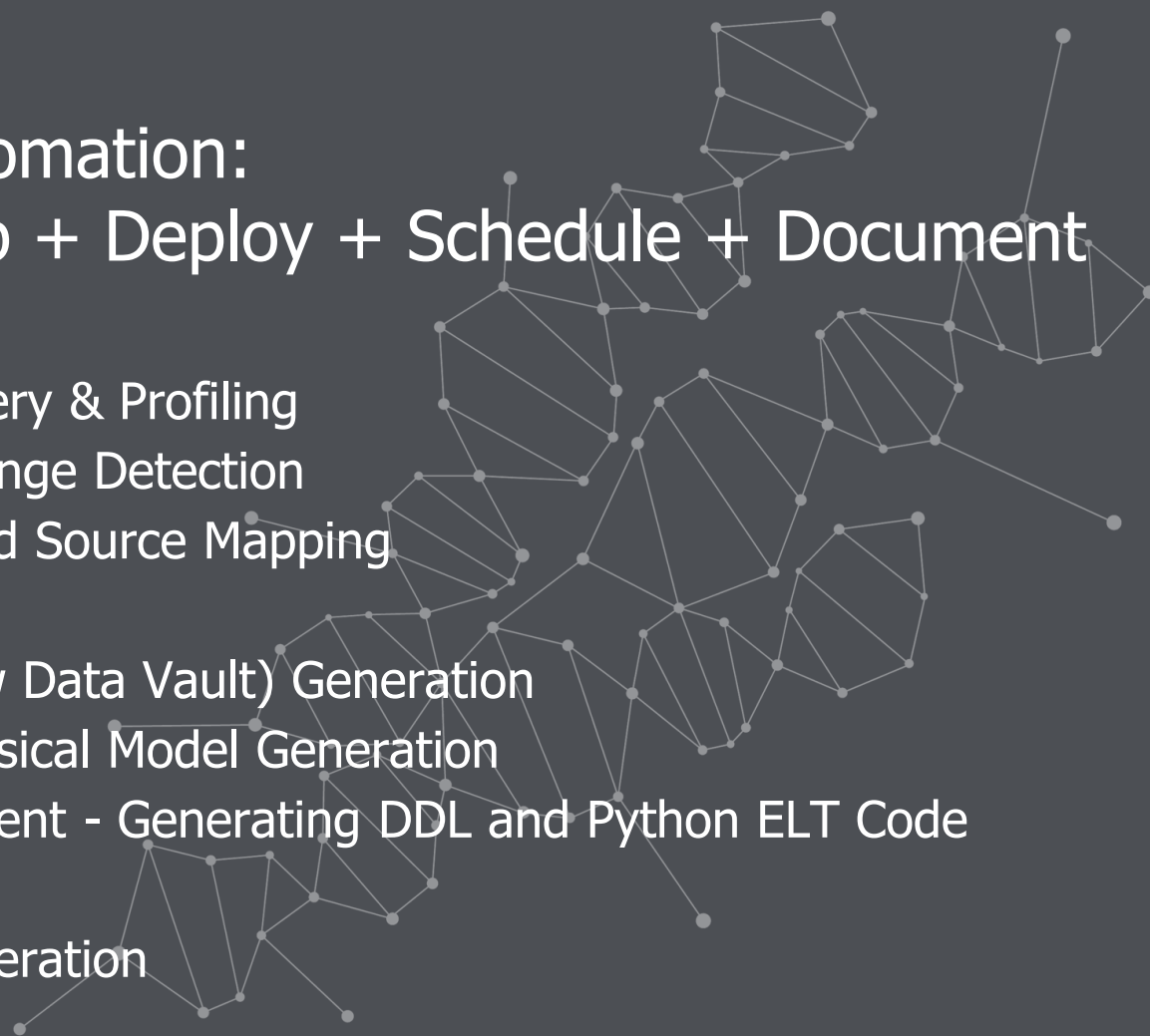


WhereScape®

Data Automation



Model-driven automation: Design + Develop + Deploy + Schedule + Document

- Source Data Discovery & Profiling
 - Source Schema Change Detection
 - Logical Modeling and Source Mapping
 - Metadata Tagging
 - Physical Model (Raw Data Vault) Generation
 - Load and Stage Physical Model Generation
 - Databricks Deployment - Generating DDL and Python ELT Code
 - Scheduling
 - Documentation Generation
- 

Follow up

Any questions or feedback, please get in touch: simon.spring@wherescape.com / thomas.heuer@wherescape.com



- RED 10.0.0.0 - What's New - walkthrough & demo
 - www.youtube.com/watch?v=ZMpz4jNc430



- Register for future newsletters
 - www.wherescape.com/email-newsletter