



# **TENCATE** protectivefabrics

Tencate Protective Fabrics is a global company with over 700 employees that manufactures specialty fabrics for emergency response, military, light and heavy industry, energy, and oil and gas customers. Firefighters, soldiers, and police officers rely on Tencate's fabrics.

**Industry:** Manufacturing

**Location:** United States and Netherlands

**Employees:** 700

**Solutions:** WhereScape RED,  
WhereScape 3D, Data Vault Express

**Modelling Styles:** Dimensional  
Modelling, Data Vault 2.0

## Highlights

- Eliminate hand-coding and manual execution of code
- Automate redundant technical tasks
- End-to-end solution
- Technical and Architectural knowledge built into WhereScape

*“One of the things I appreciate about WhereScape is that it has a lot of features. I could do ridiculous data cleansing and validation, but it’s not forced. I can use WhereScape as simply or as complexly as I want to.”*

**Greg Goss**, Database and Business Intelligence Manager.

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## The Problem

Tencate had separate teams operating data marts in the United States and the Netherlands. They had been generating reports from two regions but wanted to report globally. They undertook a project to combine data from two separate ERP systems into a single data warehouse.

They also wanted to simplify the development and management of their data warehouse, as they had very limited resources within their IT department.

The effort to create this new data warehouse was led by Greg Goss, Database and Business Intelligence Manager.



## The Solution

WhereScape offered a single tool for designing, developing, deploying, operating, and maintaining a data warehouse. The previous data marts had used SSIS and Excel, along with many other tools, for reporting. By creating a full data warehouse with WhereScape and combining data from both ERP systems, creation of reports and reporting data became much simpler and faster. Tencate could now use a single tool for the entire process of creating their data warehouse, from dev, to QA, to production. The technical knowledge, both of SQL Server and of data warehouse modeling was baked into WhereScape. This meant some tasks (such as type casting from one data source to SQL Server, or writing and executing DDL and DML) were automated and executed with the press of a button. Greg could focus on the business deliverables and did not have to spend time learning new technologies. Everything from generating code, version control, promotion of packages, and more, are all handled by WhereScape. Greg said “WhereScape has it all built in. There’s no need to integrate multiple tools.”



## The Benefits

While creating a single source of truth for the global enterprise was the primary goal, Greg saw that there were other benefits of using WhereScape as well. As he gets direction from senior leadership, he can now create new reports and dashboards much faster. Greg said that “we wanted to start tracking new data on orders, such as order entry date. I added load and stage tables and had this new data in production in two days.”

Creating a data warehouse, instead of relying on a data mart, allowed Tencate to gain new business insights. “We used to just have sales data. Now we use forecast, budget, and financial data all in one place. This would have taken much, much longer without WhereScape.”

And the data is more reliable now. The track-forward and track-back diagrams give fully documented data lineage. Plus, the flexibility of WhereScape allowed Tencate to build the warehouse and processes that fit their needs. Greg commented that “one of the things I appreciate about WhereScape is that it has a lot of features. I could do ridiculous data cleansing and validation, but it’s not forced. I can use WhereScape as simply or as complexly as I want to.”

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