

# Vaultspeed to Showcase Business Logic Automation At the Annual Worldwide Data Vault Consortium (WWDVC)

LEUVEN, BELGIUM, February 19, 2023 /EINPresswire.com/ -- [Vaultspeed](#), a Platinum Plus Sponsor of this year's [WWDVC 2023](#), plans to showcase a breakthrough in the cloud data warehouse industry: automation of custom business logic on top of any physical data model. "We cannot think of a better event than the leading annual Data Vault conference to demonstrate how we can automate business rules on top of Data Vault," said Piet De Windt, CEO of VaultSpeed.

VaultSpeed has been attending the WWDVC for several years and is pleased to be a Platinum Plus sponsor of this year's event, as they have been in the past.

The WWDVC offers customers, vendors and Data Vault practitioners the chance to network with their partners and contacts, and establish new ties with peers from around the globe. It's a valuable opportunity to discuss topics associated with accelerated development and data warehousing, and get insights into what's coming up.

More and more businesses worldwide rely on VaultSpeed DWA to automate multi-source data integration, Data Vault modeling and ETL/DDL code generation, accelerating the build and maintenance of their cloud data warehouses.

But at VaultSpeed, the product and engineering team has worked hard to expand the scope of automation even further. VaultSpeed is now the first vendor that enables organizations to start automating their custom business logic — think of calculations such as currency conversion,



Vaultspeed will be a Platinum Plus Sponsor at WWDVC 2023

lifetime value (LTV) or net-present-value (NPV) — to feed their dashboards and reports.

Automating custom logic looks like a contradiction in terms. But VaultSpeed proposes a paradigm shift: at a group or abstraction level, everything becomes a repeatable pattern.

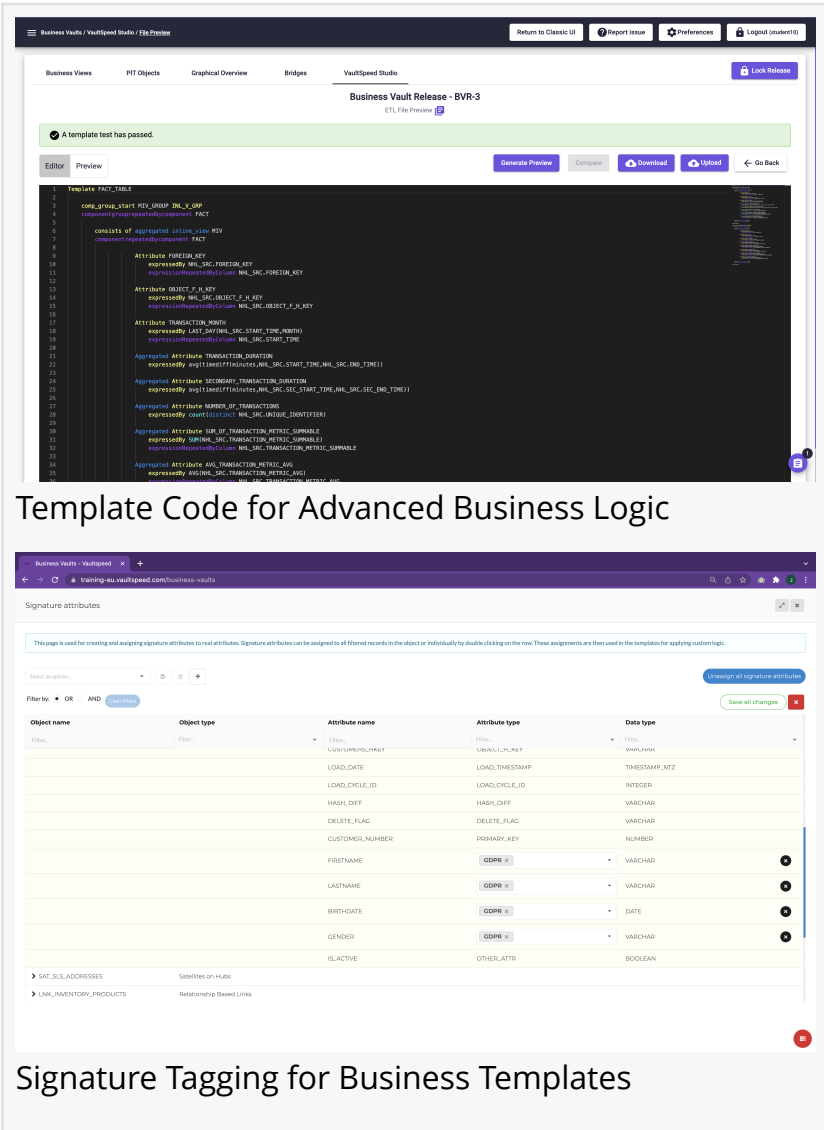
At the 2023 WWDVC, VaultSpeed will present the enhanced VaultSpeed Template Studio module, outlining the vision behind it and showing how automating data warehouse output works in practice. They will demonstrate how data engineers get access to the VaultSpeed automation engine to code custom templates that generate the business calculations to be applied repeatedly across different reports, even if all of them contain specific information and regardless of their physical data structure.

VaultSpeed Template Studio allows data teams to create additional layers in the information marts, to apply business logic repeatedly and even interdependently, taking the next step to significantly accelerate and improve business understanding.

“

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*Piet De Windt*



The screenshot displays the VaultSpeed Template Studio interface. The top navigation bar includes links for Business Views, PIT Objects, Graphical Overview, Bridges, and VaultSpeed Studio. The main content area shows a template code editor with a dark background and syntax-highlighted SQL code. A status bar at the top indicates "A template test has passed." Below the code editor, there is a table titled "Signature attributes" which lists various attributes and their types. The table has columns for Object name, Object type, Attribute name, Attribute type, and Data type. The attributes listed include attributes like "LOAD\_DATE", "LOAD\_CYCLE\_ID", "HASH\_DIFF", "DELETE\_FLAG", "CUSTOMER\_NUMBER", "FIRSTNAME", "LASTNAME", "BIRTHDATE", "GENDER", "IS\_ACTIVE", and "IS\_SLS\_ADDRESSES". The "Attribute type" column shows values like "VARCHAR", "TIMESTAMP", "INTEGER", "VARCHAR", "NUMBER", "DATE", and "BOOLEAN". The "Data type" column shows values like "VARCHAR", "TIMESTAMP\_NTZ", "INTEGER", "VARCHAR", "NUMBER", "DATE", and "BOOLEAN".

Business Vault Release - BVR-3  
ETL File Preview

A template test has passed.

Generate Preview | Comments | Download | Upload | Go Back

Template fact table

```
1 template fact table
2
3 comp_group_start key_group int_key
4 component(repeatedlybycomponent) fact
5
6 consists of aggregator joining time key
7 component(repeatedlybycomponent) fact
8
9 Attribute FOREIGN_KEY
10   expressedby WH_SDC_FOREIGN_KEY
11   expressedby WH_SDC_FOREIGN_KEY
12
13 Attribute OBJECT_F_H_KEY
14   expressedby WH_SDC_OBJECT_F_H_KEY
15   expressedby WH_SDC_OBJECT_F_H_KEY
16
17 Attribute TRANSACTION_AMOUNT
18   expressedby LAST_DATE(WH_SDC_START_TIME,WH_SDC_END_TIME)
19   expressedby LAST_DATE(WH_SDC_START_TIME,WH_SDC_END_TIME)
20
21 Aggregated Attribute TRANSACTION_DURATION
22   expressedby LAST_DATE(WH_SDC_START_TIME,WH_SDC_END_TIME)
23   expressedby LAST_DATE(WH_SDC_START_TIME,WH_SDC_END_TIME)
24
25 Aggregated Attribute NUMBER_OF_TRANSACTIONS
26   expressedby LAST_DATE(WH_SDC_START_TIME,WH_SDC_END_TIME)
27   expressedby LAST_DATE(WH_SDC_START_TIME,WH_SDC_END_TIME)
28
29 Aggregated Attribute SUM_OF_TRANSACTION_METRIC_SUMMABLE
30   expressedby SUM(WH_SDC_TRANSACTION_METRIC_SUMMABLE)
31   expressedby SUM(WH_SDC_TRANSACTION_METRIC_SUMMABLE)
32
33 Aggregated Attribute AVG_TRANSACTION_METRIC_AVG
34   expressedby AVG(WH_SDC_TRANSACTION_METRIC_AVG)
35   expressedby AVG(WH_SDC_TRANSACTION_METRIC_AVG)
```

Signature attributes

This page is used for creating and assigning signature attributes to all filtered records in the object or individually by double-clicking on the rows. These assignments are then used in the templates for applying custom logic.

Filter by: OR AND

Object name	Object type	Attribute name	Attribute type	Data type
Filter	Filter			
Filter	Filter	LOAD_DATE	VARCHAR	VARCHAR
Filter	Filter	LOAD_CYCLE_ID	LOAD_TIMESTAMP	TIMESTAMP_NTZ
Filter	Filter	HASH_DIFF	LOAD_CYCLE_ID	INTEGER
Filter	Filter	DELETE_FLAG	HASH_DIFF	VARCHAR
Filter	Filter	CUSTOMER_NUMBER	DELETE_FLAG	VARCHAR
Filter	Filter	FIRSTNAME	PRIMARY_KEY	NUMBER
Filter	Filter	LASTNAME	GDPR	VARCHAR
Filter	Filter	BIRTHDATE	GDPR	VARCHAR
Filter	Filter	GENDER	GDPR	DATE
Filter	Filter	IS_ACTIVE	OTHER_ATTR	VARCHAR
Filter	Filter	IS_SLS_ADDRESSES	OTHER_ATTR	BOOLEAN

Save all changes

More information on VaultSpeed can be found at: [www.vaultspeed.com](https://www.vaultspeed.com).

The WWDVC Conference runs from May 1-5, 2023 at the Stoweflake Resort in Stowe, Vermont, USA, a full-service resort with amenities and access to sightseeing in the Green Mountain State. For registration and more information about the conference, see: [wwdvc.com](https://wwdvc.com).

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