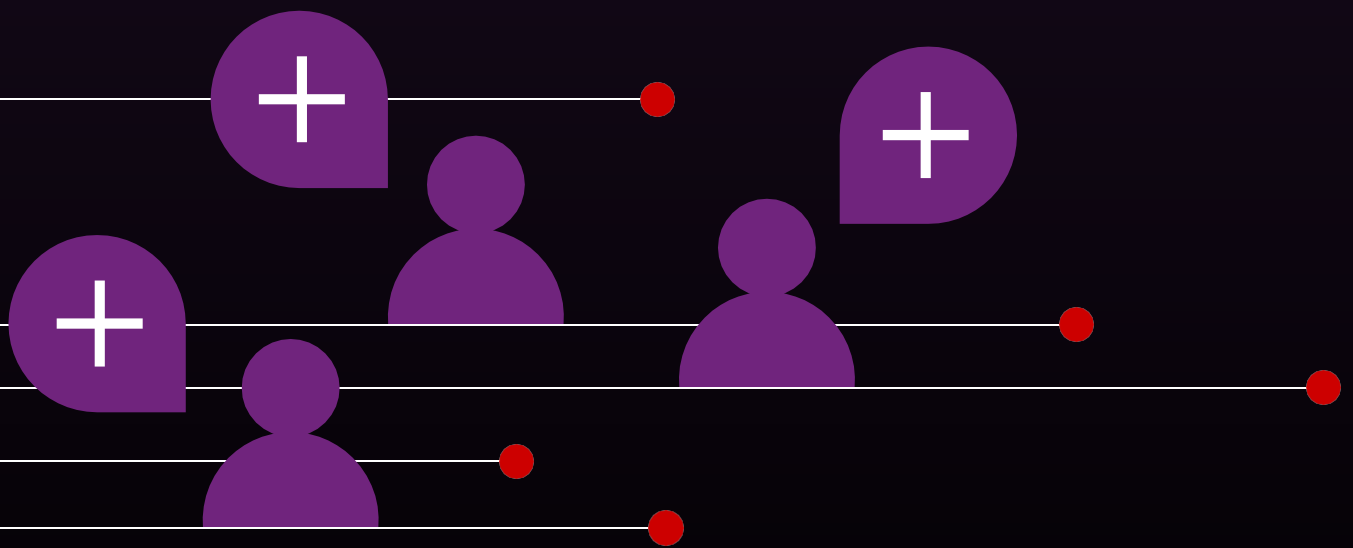# VAULTSPEED

VaultSpeed
Studio

Effectivity views of satellites on HUBs
on a SAT with end dating

USE CASE FOR THIS TEMPLATE

This document describes how a user can configure a template in the VaultSpeed Studio to generate the effectivity views on Satellites based on a Raw Data Vault where insert only setting is NO.

In the setup, all descriptive attributes will be shown in the SAT.

Before you explore and use this example template, ensure that you understand the example SQL attached to understand what the template does and that it covers your needs.

This template is designed for:

- VIEW

- Based on HUB SATs

- Using the end-date to filter

Example

The example that is used in this document is based on patient info.

In the Raw Data Vault model this is a SAT_HLTH_PATIENT.

Components of the implementation

- Create the Template
- Create Target definition
- Fill in the Dependency

Create Signature objects

For this template implementation, there is no need for specific signature objects.

Signature objects are assigned

For this template implementation, there is no need for specific signature objects.

Create a Signature attribute type and flag the usage in the requested fields

No signature attribute is required in this template.

Create the template

Template definition, according to the standard that you want to use. An essential element here is the Signature Object naming. That name is used in the .dvt file containing the template's definition. You might want or need to go for a different name if you have multiple implementations. But then you must adapt the template file accordingly and replace all the <signature object name> references with your chosen name.

In the example, we use TGT_SAT_EFF because this is an effective satellite based on a SAT.

Ensure you have this use case's latest version from the following location: https://github.com/Vaultspeed/studio-templates .

Each of our templates has its folder where the code resides.

Take the end date EFFECTIVESATELLITE_etl_template.dvt file and upload it for the ETL template of this view.

Fill in the Target Definition

The target definition is very specific to the template:

Signature Object	Signature Attribute
SAT	LOAD_TIMESTAMP
SAT	LOAD_CYCLE_ID
SAT	OTHER_ATTR
SAT	OBJECT_H_KEY
SAT	DELETE_FLAG
SAT	BUSINESS_SRC_KEY

Fill in the Dependency

Define on which SAT table this template must be implemented.