SIEMENS TEAMCENTER

DB Host – Windows VM in AWS
DBMS – SQL Server Enterprise Edition

Teamcenter Data

TCPROD

APPLIED CAx

DICE

JSON files

Push →

File System (TBD)

← Pull

ADF

← Pull →

Enterprise Data Warehouse

RAW

spc_teamcenter_wh_raw

Related Solutions

Rogue1

Logical Access (TBD)

Logical Access

VIEWS

spc_schemactrl_wh_prod

Report Access

PowerBI
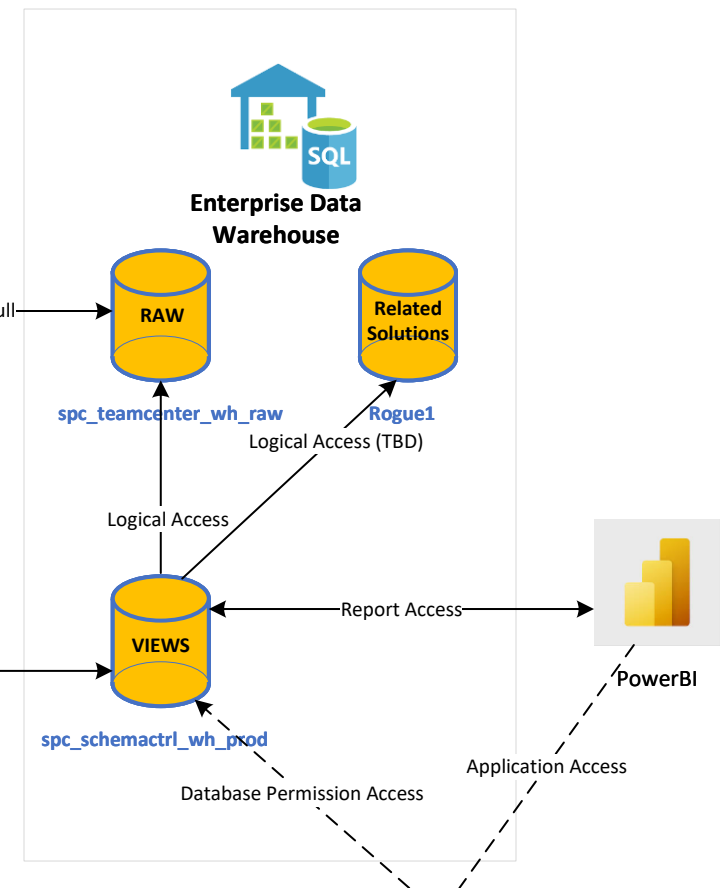
Application Access

Database Permission Access

AD / ENTRA User Groups:

- P-SQL-R1-PRD-teamcenter-owner
- P-SQL-R1-PRD-teamcenter-reader
- P-SQL-R1-PRD-teamcenter-writer
- P-SQL-R1-PRD-teamcenter-executor

─── Database Schema Access ───

Member of __schema__ level roles that correspond to the schema, and permission level denoted in the group name

- SVC_PWRBISQL_Prod@sierraspace.com

Member of __database__ level roles:
- *db_datareader*
- *db_sp_executor*

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1. Teamcenter data **created**, and **stored** in SQL Server DB (*on AWS VM*)

2. Teamcenter data **extracted** from SQL Server DB using Applied CAx DICE Integration, written to JSON files. *Storage location TBD*.

3. Teamcenter data **loaded** into SQL Server DB on EDW host (on *Azure SQLMI – tentatively Azure Data Factory pipeline*)

4. Teamcenter data in SQL Server DB on EDW host **transformed** / sanitized as necessary, and **correlated** with data from related solutions on Warehouse host for analytics / reporting