FI-AA for CAPEX

Access Management

See Technical Documentation - CAPEX Analysis report

DataFlow

Overview

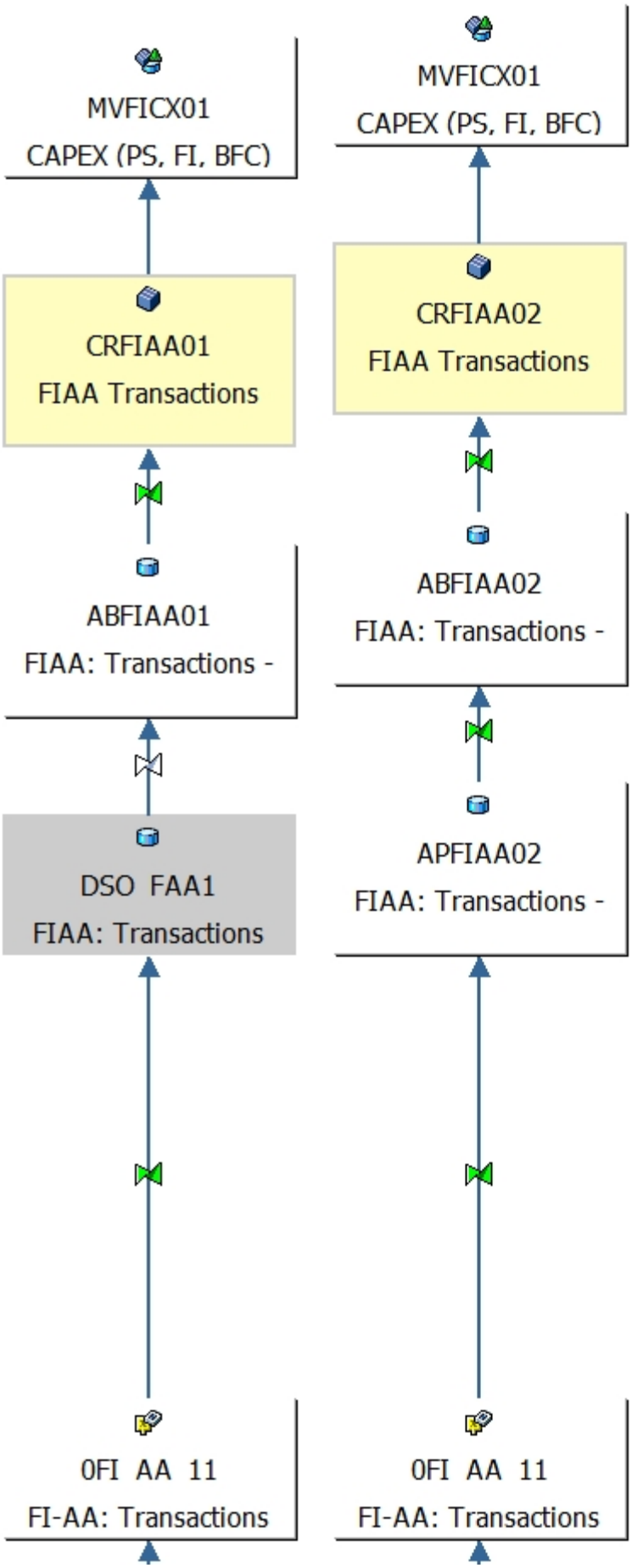
Use the google presentation below as a template. This google presentation must be saved in the Reporting GDrive folder under the corresponding application. Then post the link to the document here.

Reporting documentation drive folder:

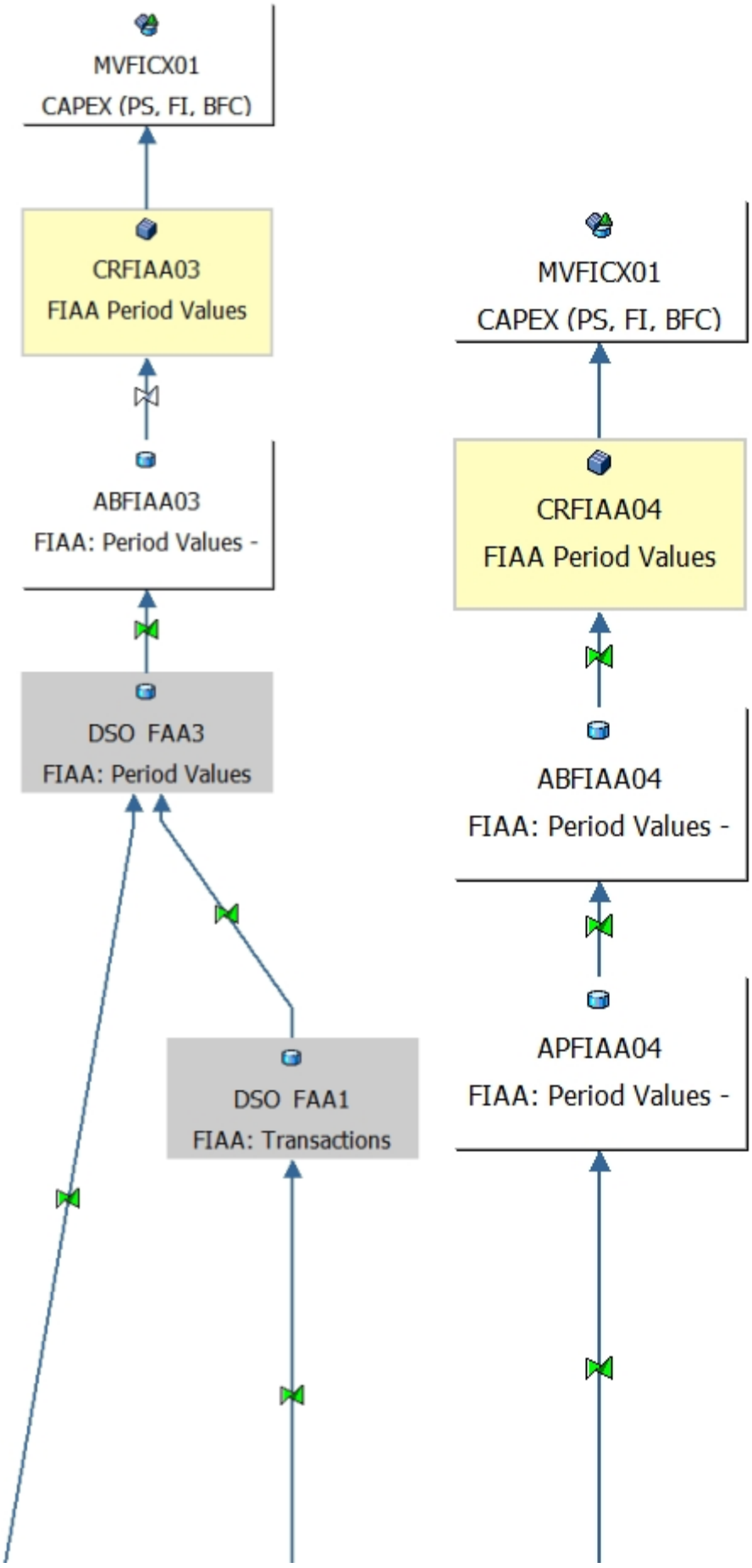
https://drive.google.com/drive/folders/0B0qn89R0RGdqYkZZOFZyYXlXVkE

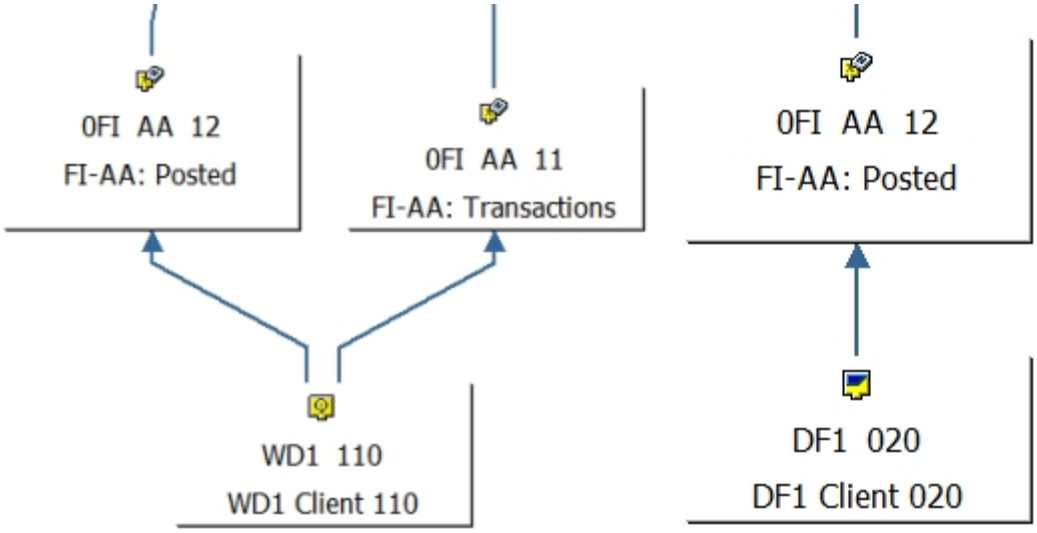
Exemple of dataflow overview :

Template Application name DataFlow


MVFICX01
CAPEX (PS, FI, BFC)
CRFIAA01
FIAA Transactions
ABFIAA01
FIAA: Transactions -
DSO FAA1
FIAA: Transactions
0FI AA 11
FI-AA: Transactions
MVFICX01
CAPEX (PS, FI, BFC)
CRFIAA02
FIAA Transactions
ABFIAA02
FIAA: Transactions -
APFIAA02
FIAA: Transactions -
0FI AA 11
FI-AA: Transactions


WD1 110
WD1 Client 110
DF1 020
DF1 Client 020


MVFICX01
CAPEX (PS, FI, BFC)
CRFIAA03
FIAA Period Values
ABFIAA03
FIAA: Period Values -
DSO FAA3
FIAA: Period Values
DSO FAA1
FIAA: Transactions
MVFICX01
CAPEX (PS, FI, BFC)
CRFIAA04
FIAA Period Values
ABFIAA04
FIAA: Period Values -
APFIAA04
FIAA: Period Values -



Objective of the application

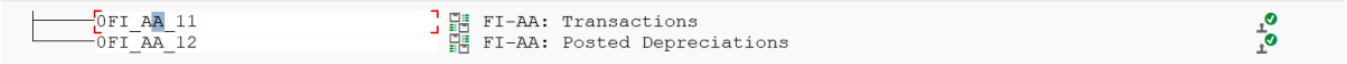
The Asset Accounting (FI-AA) component is used for managing and supervising fixed assets with the SAP System. In Financial Accounting, it serves as a subsidiary ledger to the General Ledger, providing detailed information on transactions involving fixed assets. FI-AA was developed exclusively to meet IFRS16 requirements; however, it is being or will be used across Solvay for other requirements. As of 01.01.2019, the new IFRS 16 leases standard is mandatory for European IFRS balance sheet accountants in Europe. With IFRS 16, it is no longer required to treat financial and operational leases differently from an accounting perspective and therefore this new leasing standard eliminates nearly all "off-balance" sheet accounting for leases.

Technical Rules on Workbench

ECC Changes

Activated data sources 0FI_A_11 and 0FI_AA_12 from SAP standard business content in PF1 and WP1 source systems.

Data Source – Transaction Data

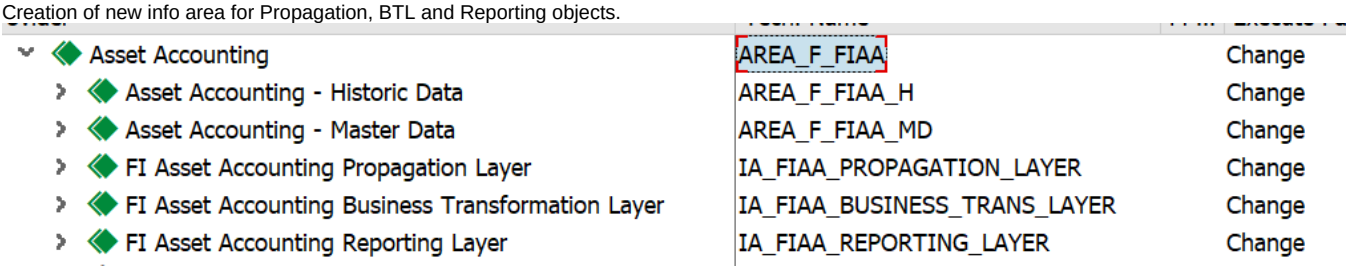


0FI_AA_12 contains asset period values (data comes from ANLP table)
0FI_AA_11 contains asset line items information (data comes from ANLC, ANEP, ANEA tables).

BW Changes

Info Area in BW

Creation of new info area for Propagation, BTL and Reporting objects.



ODP Source System

Not applicable as establishing ODP connection is out of scope for WP1 and PF1 is not eligible as it is not on EHP8.

Info Objects

Info object:
New info objects Calendar Year/Month (C_CALMNTH), Calendar Year/Quarter (C_CALQTR) are created.

Calendar Year/Month	C_CALMNTH
Calendar Year/Month	C_CALMTH
Calendar Year/Quarter	C_CALQTR

Propagation Layer

There are two new ADSOs created in propagation layer (IA_FIAA_PROPAGATION_LAYER) from PF1 only. Propagation layer for WP1 was already developed as part of previous requirements.
FIAA: Transactions - Solvay (APFIAA02) based on 0FI_AA_11 from PF1
FIAA: Period Values - Solvay (APFIAA04) based on 0FI_AA_12 from PF1

FI Asset Accounting Propagation Layer	IA_FIAA_PROPAGATION_LAYER
FIAA: Period Values - Solvay	APFIAA04
FIAA: Transactions - Solvay	APFIAA02

Business Transformation Layer

There are four new ADSOs created in business transformation layer (IA_FIAA_BUSINESS_TRANS_LAYER) for both PF1 and WP1.
WP1 - FIAA: Transactions - Rhodia Level 2 (ABFIAA01)
WP1 - FIAA: Period Values - Rhodia Level 2 (ABFIAA03)
PF1 - FIAA: Transactions - Solvay Level 2 (ABFIAA02)
PF1 - FIAA: Period Values - Solvay Level 2 (ABFIAA04)

FI Asset Accounting Business Transformation Layer	IA_FIAA_BUSINESS_TRANS_LAYER
FIAA: Period Values - Rhodia Level 2	ABFIAA03
FIAA: Period Values - Solvay Level 2	ABFIAA04
FIAA: Transactions - Rhodia Level 2	ABFIAA01
FIAA: Transactions - Solvay Level 2	ABFIAA02

Reporting Layer

There are four new cubes created in reporting layer (IA_FIAA_REPORTING_LAYER)

WP1 - FIAA Transactions Data - Rhodia (CRFIAA01)

WP1 - FIAA Period Values Data - Rhodia (CRFIAA03)

PF1 - FIAA Transactions Data - Rhodia (CRFIAA02)

PF1 - FIAA Period Values Data - Rhodia (CRFIAA04)

FI Asset Accounting Reporting Layer	IA_FIAA_REPORTING_LAYER
FIAA Period Values Data - Rhodia	CRFIAA03
FIAA Period Values Data - Solvay	CRFIAA04
FIAA Transactions Data - Rhodia	CRFIAA01
FIAA Transactions Data - Solvay	CRFIAA02

Multi provider

Cubes CRFIAA01/02/03/04 are included in Multi provider (MVFICX01) and required fields are mapped as per business requirement. Please fine the below link for MP mappings.

CAPEX	IA_FMCO_FICX
CAPEX Virtual Layer	IA_FMCO_FICX_VIRTUAL
CAPEX FI-GL data for G/L Acct (S)	CPFICX02
CAPEX (PS, FI, BFC)	MVFICX01

Please find the MP mappings

Reporting

Dependencies with other applications

We should have the information where the application is sending or receiving information (e.g. APD open hub)

Data Loading

Info Providers and objects loaded

Process Chain	Code	Type	Frequency	Time start	Duration	Comments
FI - Asset Accounting	PC_FIAA	SLAVE	• launched by RSP_DAILY • Daily once	arround 1:15 am	10 mins	• RCS and Solvay • From Data source to DSO (PRPL & BTL) and to cubes

Data Quality Control

Data come from SAP system. To compare data between BW and sources systems, check propagation layers.

Operational Documentation

Procedures

<Describe the recurring procedures needed to operate the application (eg. start/pause/terminate/restart the app processes, data preparation, data ingestion, ETL, data visualization, data export, other manual activities)>

Scheduling

<Describe the scheduling in place for the application (eg. existing jobs, trigger time/event based, dependencies)>

Monitoring

<Describe the monitoring checks to confirm the application is performing well (eg. check the overall status, check performance metrics like runtime/data volume/memory/disk/CPU, maintain and react to alerts/notifications)>

Error Handling

<Describe how to handle errors (eg. error codes, description and respective resolution, alert users)>

Known Bugs

<List the existing bugs, its criticity, workarounds and resolution plan.>

Roadmap