

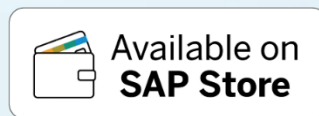
Wie Sie Ihr S/4HANA BI-Projekt **rasch umsetzen** und langfristig die Übersicht behalten!

 **EDGE**

 **Rapid Views**



SAP[®] Certified
Partner Center of Expertise



advantEDGE-IT, 30 Jahre in Österreich
als Sybase-Vertretung gegründet, heute SAP-Partner und
Center of Expertise

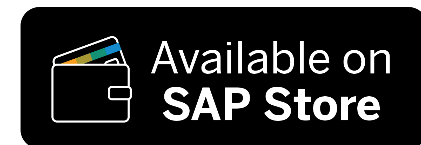
Kunden: Raiffeisen, BAWAG, Zürich, Ergo, IAEA, Geosphere

Grundsatz: Kundenzufriedenheit, Bestes Preis-/Leistungsverhältnis

RapidViews, in Österreich vertreten durch advantEDGE-IT
ein Spin-Off der DeciVision Frankreich,
dem führenden BI-Lösungsanbieter für SAP

Kunden: Soucy, Lindt, Total Energy, Nexteam

Grundsatz: Beschleunigung von Analytik-Projekten auf SAP HANA



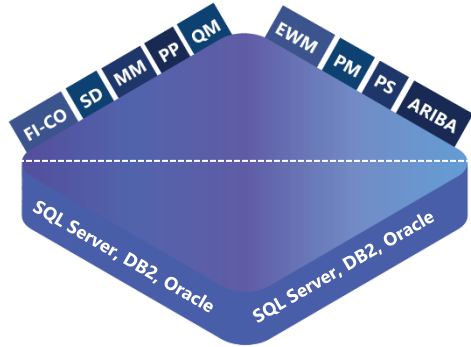
Implementierungen bei 20+ Kundenprojekten



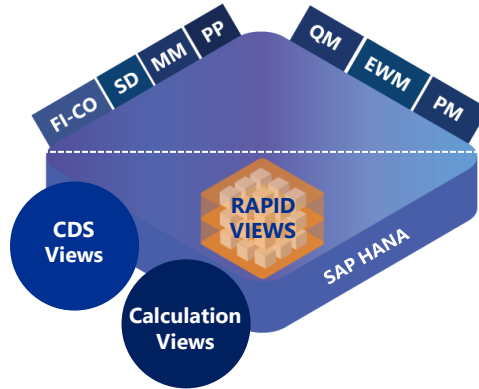
Major German Group
Semiconductor sector

Major French group
Luxury sector

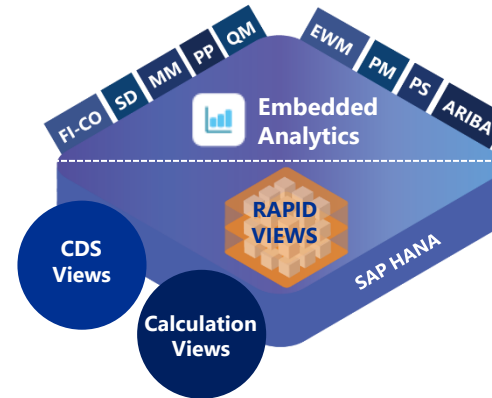
ECC



ECC on HANA



S/4HANA

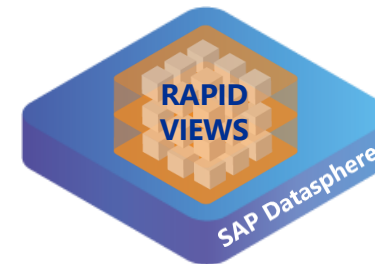
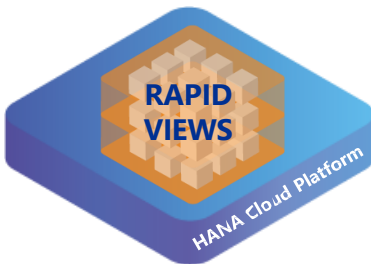


Transactional Reporting



BI Reporting

Real Time



Data Warehouse

SEMANTIC LAYER
(Calculation Views / CDS Views)

Reporting

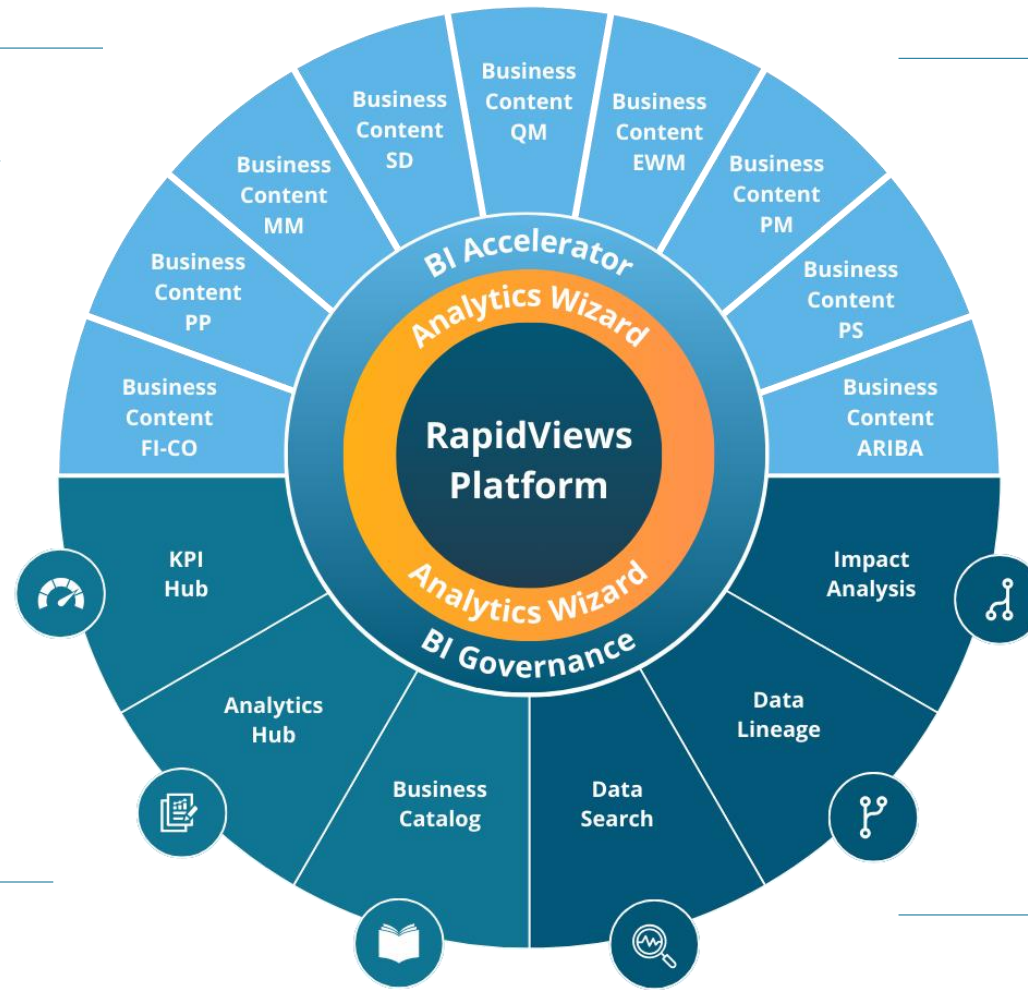
Nutzung einer globalen Plattform für Analytics



Reporting Tools



Geschäftsinhalte



Datenquellen



Administration

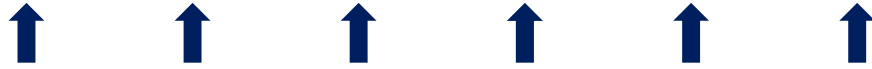
Der „BI Accelerator“ als stabile Plattform:



More than 60 pre-defined reports



SAP® Analytics Cloud



SAP Datasphere

Semantic Layer

FI-CO : Finance and Controlling

SD : Sales and Distribution

MM : Material Management

PP : Production Planning

QM : Quality Management

EWM : Extended Warehouse Management

PM : Plant Maintenance

ARIBA

PS : Project System

Data Modelization

Datamarts FI-CO
KPIs & Datamarts

Datamarts SD
KPIs & Datamarts

Datamarts MM
KPIs & Datamarts

Datamarts PP
KPIs & Datamarts

Datamarts QM
KPIs & Datamarts

Datamarts EWM
KPIs & Datamarts

Datamarts PM
KPIs & Datamarts

Datamarts Ariba
KPIs & Datamarts

Datamarts PS
KPIs & Datamarts

Fact and dimension views



READY-TO-USE EXTRACTORS

Full, delta or real-time mode



KNA1 Table



VBRK Table



I_Product CDS View



I_Customer CDS View

Tables SAP & SAP Standard CDS Views

ECC on HANA



S/4HANA



S/4HANA Cloud



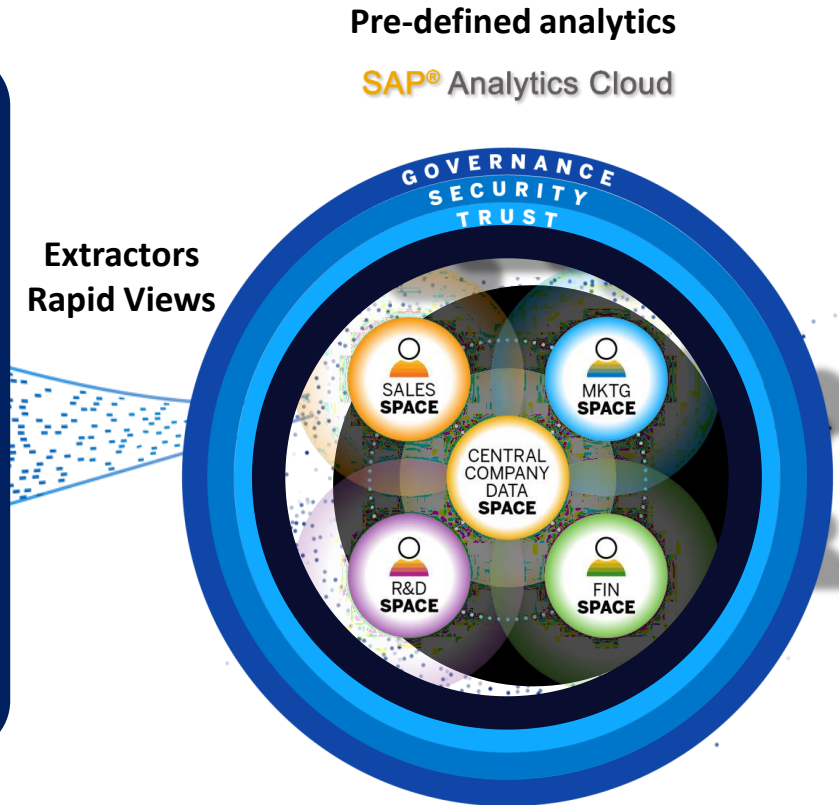
ETL



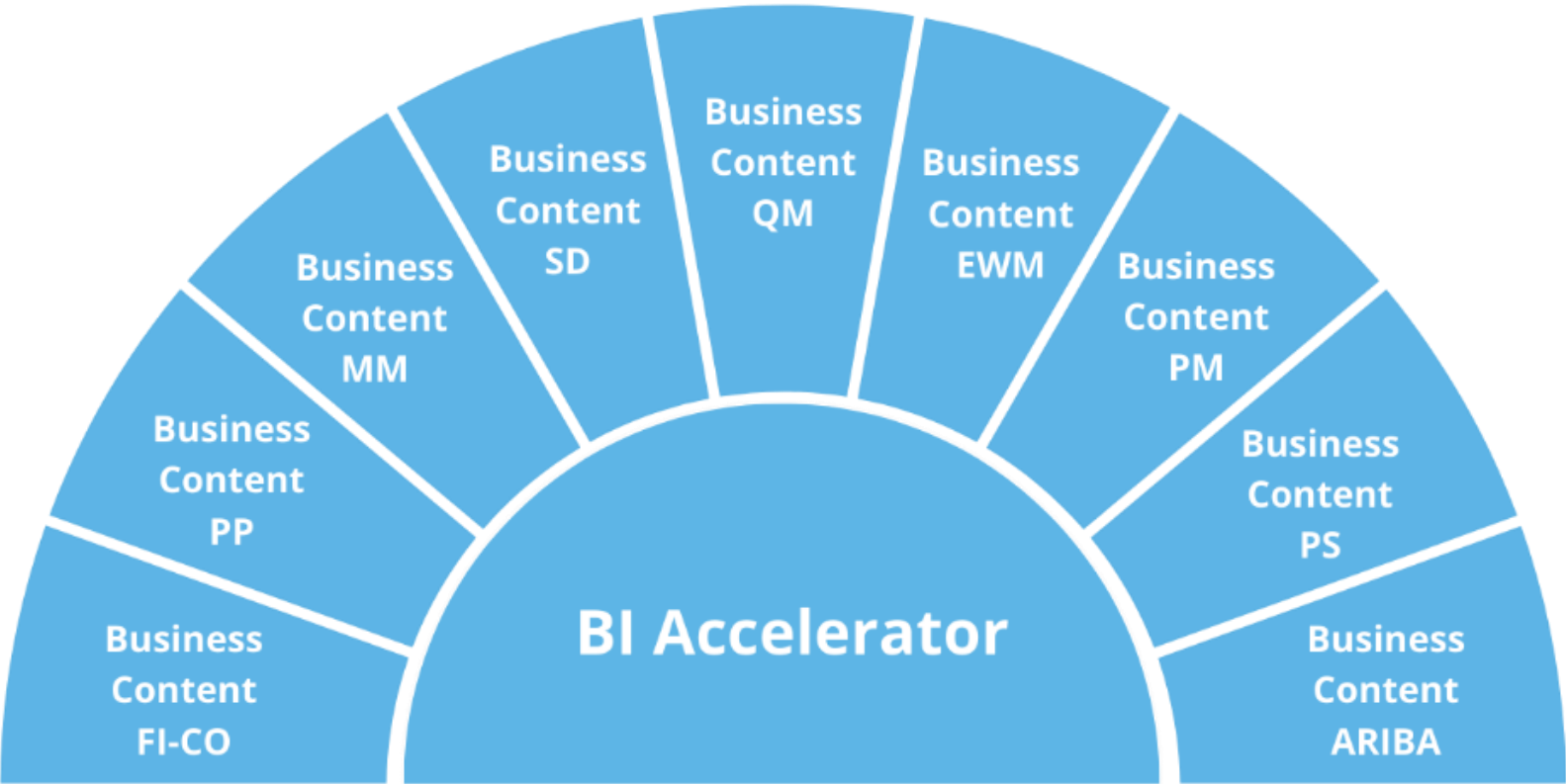
API

SAP ARIBA TABLES





Business Content zertifiziert und direkt
verfügbar in der
SAP Datasphere Anwendung



Vorkonfigurierter SAP Geschäftsinhalt



7 Reports



Detailed Orders



Orders history



Orders to be billed



Deliveries overview



On Time In Full (OTIF)

Semantic layers

DIM Customer

DIM Material

DIM Company

DIM Plant

DIM Sales office...

50 KPIs

KPI Net Price

KPI Net Value

KPI Number of deliveries

KPI Qty Sales

KPI Billing quantity

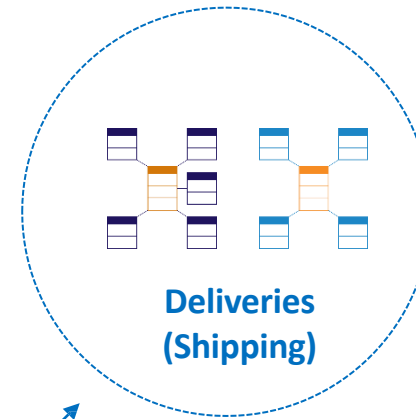
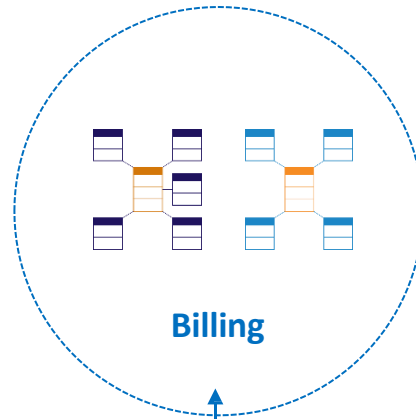
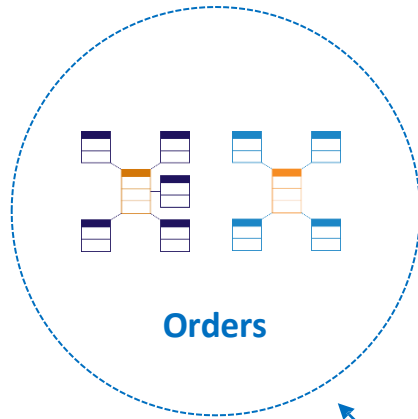
KPI Delivery delay

KPI Number of Orders ...

KPI Tax amount ...

KPI Delivery Qty ...

12 Datamarts



SD RapidViews

Beispiel: RapidViews Semantic Layer SD



- SD [unx]
 - Accounting Posting Status
 - Account Posting Status Key
 - Account Posting Status Desc
 - Billing Block
 - Sapclient
 - Billing Block Key
 - Billing Block Desc
 - Billing Date
 - Sapclient
 - Sales Order Type Key
 - Sales Order Type Desc
 - Billing overall process status
 - Sapclient
 - Sales Person First Name
 - Sales Person Last Name
 - Sales Person Key
 - Delivery Block
 - Overall Process Status Key
 - Overall Process Status Desc
 - Delivery Date
 - Billing Fiscal Year
 - Billing Current Year Adjustment
 - Billing Year
 - Billing Quarter
 - Billing Month
 - Billing Week
 - Billing Week Year
 - Billing Day
 - Billing Day Of Week
 - Billing Date
 - Distribution Channel
 - Base Unit Of Measure
 - Billing Status
 - Delivery Create Date
 - Delivery Date
 - Delivery Item Change Date
 - Delivery Item Create Date
 - Global Status
 - Goods Issue Date
 - Goods Movement Item Status
 - Loading Date
 - Material Available Date
 - Order Date
 - Packing Status
 - Partial Delivery Item Level
 - Picking Date
 - Picking Status
 - Division
 - Sapclient
 - Lpein
 - Purchasing Document Key
 - Delivery Schedule Line Key
 - Purchasing Document Line Key
 - Material
 - Material Language Key
 - Material Key
 - Material Description
 - Material Group Description
 - Material Group Key
 - Material Base Unit Of Measure
 - Material Order Unit Of Measure
 - Material Weight Unit Of Measure
 - Material Volume Unit Of Measure
 - Material Batch Management Indicator
 - Material Division Key
 - Material Category
 - Material Purchasing Status
 - Material Sales Status
 - Material Transport Group
 - Order Date
 - Order Calendar
 - Order Fiscal Year
 - Order Current Year Adjustment
 - Order Year
 - Order Quarter
 - Order Month
 - Order Week
 - Order Week Year
 - Order Day
 - Order Day Of Week
 - Order Date
 - Order Fiscal Period
 - Order Date Key
 - Order Reason
 - Sapclient
 - Order Reason Key
 - Order Reason Desc
 - Order Reason
 - Sapclient
 - Customer Key
 - Customer Group Key
 - Customer Country Key
 - Customer Region Key
 - Customer Vendor Key
 - Customer Language Key
 - Customer Accounts Group Key
 - Customer Industry Key
 - Customer Title
 - Customer Name1
 - Customer Name2
 - Customer Street
 - Order Date
 - Order Calendar
 - Order Fiscal Year
 - Order Current Year Adjustment
 - Order Year
 - Order Quarter
 - Order Month
 - Order Week
 - Order Week Year
 - Order Day
 - Order Day Of Week
 - Order Date
 - Order Fiscal Period
 - Order Date Key
 - F_SCHEDULE_LINES_DV
 - Base Unit Of Measure
 - Delivery Block Key
 - Delivery Date
 - Delivery Time
 - Goods Issue Date
 - Loading Date
 - Material Availability Date
 - Material Key
 - Order Create Date
 - Plant Key
 - Sapclient
 - Sales Line Item Key
 - Sales Order Key
 - Sales Unit Of Measure
 - Schedule Line Key
 - Transport Schedule Date
 - Division
 - Sapclient
 - Language Key
 - Division Key
 - Division Desc
 - Distribution Channel
 - Sapclient
 - Distrib Channel Key
 - Distrib Channel Desc
 - F_SALES_ORDERS_DV
 - Base Unit Of Measure
 - Billing Header Status
 - Billing Item Status
 - Billing Relevant Code
 - Credit Check Blocked Status
 - Customer Podate
 - Customer Poline Item
 - Delivery Header Status
 - Delivery Item Status
 - End Validity
 - Global Header Status
 - Global Item Status
 - Incompletion Header Status
 - Measures
 - Backlog
 - Order Item Quantity
 - Backlog Quantity
 - Number Of Orders
 - Delivery Quantity
 - Stbsales Quantity Conversion Numerator
 - Stbsales Quantity Conversion Denominator
 - Billing
 - Quantity On Invoice
 - Quantity On Invoice Slsu
 - Sub Total1
 - Sub Total2
 - Sub Total3
 - Sub Total4
 - Sub Total5
 - Sub Total6
 - Stats Exchange Rate
 - Accounting Exchange Rate
 - Slssto Base Numerator
 - Slssto Base Divisor
 - Cost
 - Revenue
 - Tax Amount
 - Profit
 - Deliveries
 - Ship Process Days
 - Fixed Process Days
 - Volume
 - Exchange Rate
 - Standard Cost
 - Gross Weight
 - Net Weight
 - Quantity Base Unit Of Measure
 - Quantity Sales Unit Of Measure
 - Subtotal1
 - Subtotal2
 - Subtotal3
 - Subtotal4
 - Subtotal5
 - Subtotal6
 - Delivery Porcessing Days
 - Delivery Time
 - Number Of Deliveries
 - Sales Orders
 - Order Quantity Sales Unit
 - Confirmed Quantity Sales Unit
 - Corrected Quantity Sales Unit
 - Order Quantity Base Unit
 - Confirmed Quantity Base Unit
 - Numerator
 - Denominator

Beispiel: RapidViews FI-CO



7 Reports



Cost Analysis



Balance sheet



Fixed Assets



Cash flow



Payments pending

Semantic layers

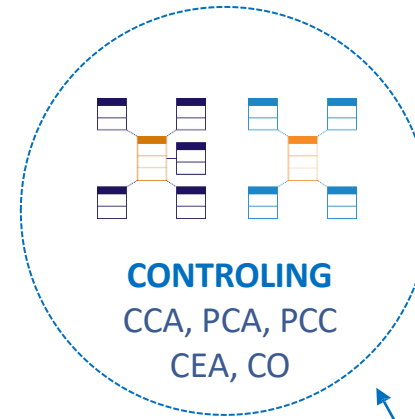
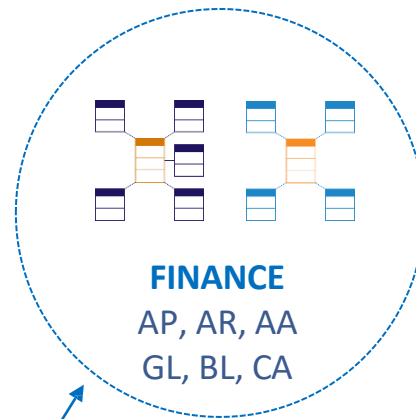
50 KPIs

DIM Company **DIM** Customer **DIM** Supplier **DIM** Cost Center **DIM** General Ledger...

- KPI** Debit, Credit, Balance
- KPI** Remaining Delay
- KPI** Required Budget ...

- KPI** Fixed Qty
- KPI** Total Qty
- KPI** Credit / Debit Values ...

12 Datamarts



RapidViews FI-CO

SAP Tables



Beispiel: RapidViews MM



7 Reports



OTD Supplier



Purchase Delays



Inventory Management



Reservation List

Semantic layers

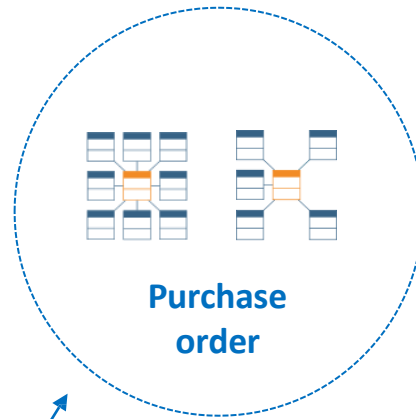
DIM Storage location **DIM** Material **DIM** Suppliers **DIM** Plant **DIM** Movement type...

50 KPIs

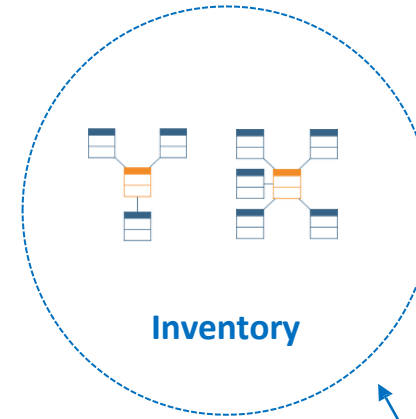
KPI Target Quantity
KPI PO Quantity
KPI Net Order Value ...

KPI Stock Value
KPI Booked Qty
KPI Movement Qty ...

14 Datamarts



Purchase order



Inventory



SAP Tables

RapidViews
MM

Beispiel: RapidViews PP



7 Reports



Production Orders



Planned Orders



MRP



Production Dashboard



Independent Requirements

DIM Material

DIM Plant

DIM MRP Controller

DIM Work Center

DIM BOM...

Semantic layers

50 KPIs

KPI Planned Order Qty

KPI Operation Qty

KPI ...

KPI Goods Receipt process delay

KPI Committed Qty

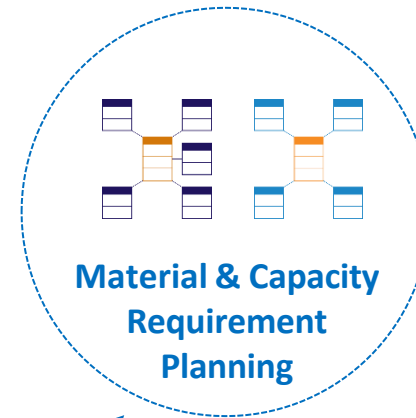
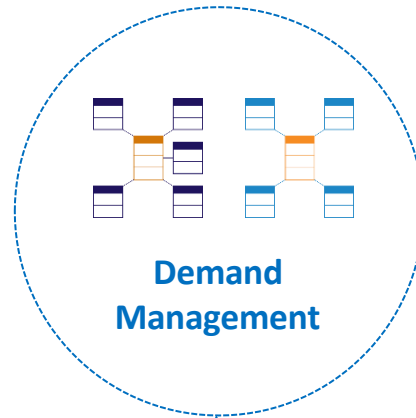
KPI ...

KPI Requirement Qty

KPI Capacity in hours

KPI Scheduled Capacity ...

11 Datamarts



RapidViews
PP

SAP Tables



+60

Datamarts

+ 20

20 cross-modules
datamarts

+350

KPIs

+1300

SAP Tabellen

+60

Reports

**Finance &
Controlling**
(FI-CO) Modul

**Sales &
Distribution**
(SD) Modul

**Material
Management**
(MM) Modul

**Production
Planning**
(PP) Modul

**Quality
Management**
(QM) Modul

**Extended
Warehouse
Management**
(EWM)
Modul

**Plan
Maintenance**
(PM) Modul

**Project
System (PS)**
Modul

SAP ARIBA
Modul



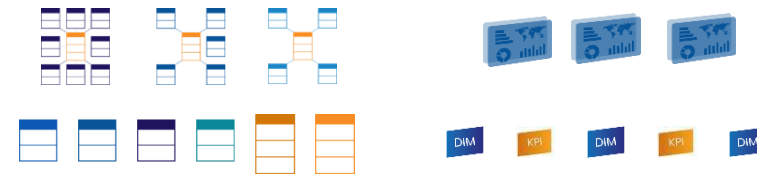
Rasche Implementierung

Installation innerhalb von 10 Tagen



Flexibel

100% adaptierbar – Datamarts, Facts und Dimensional views, Reports...



Zukunftssicher

Kompatibilität mit ECC & S/4HANA & SAP Datasphere entsprechend der SAP Strategie



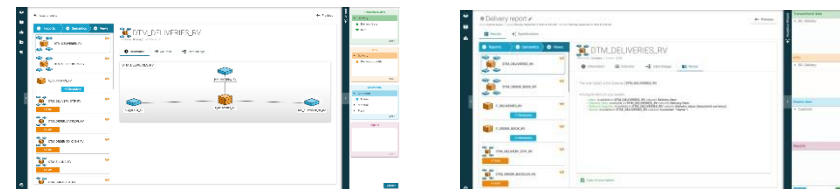
Kompatibilität

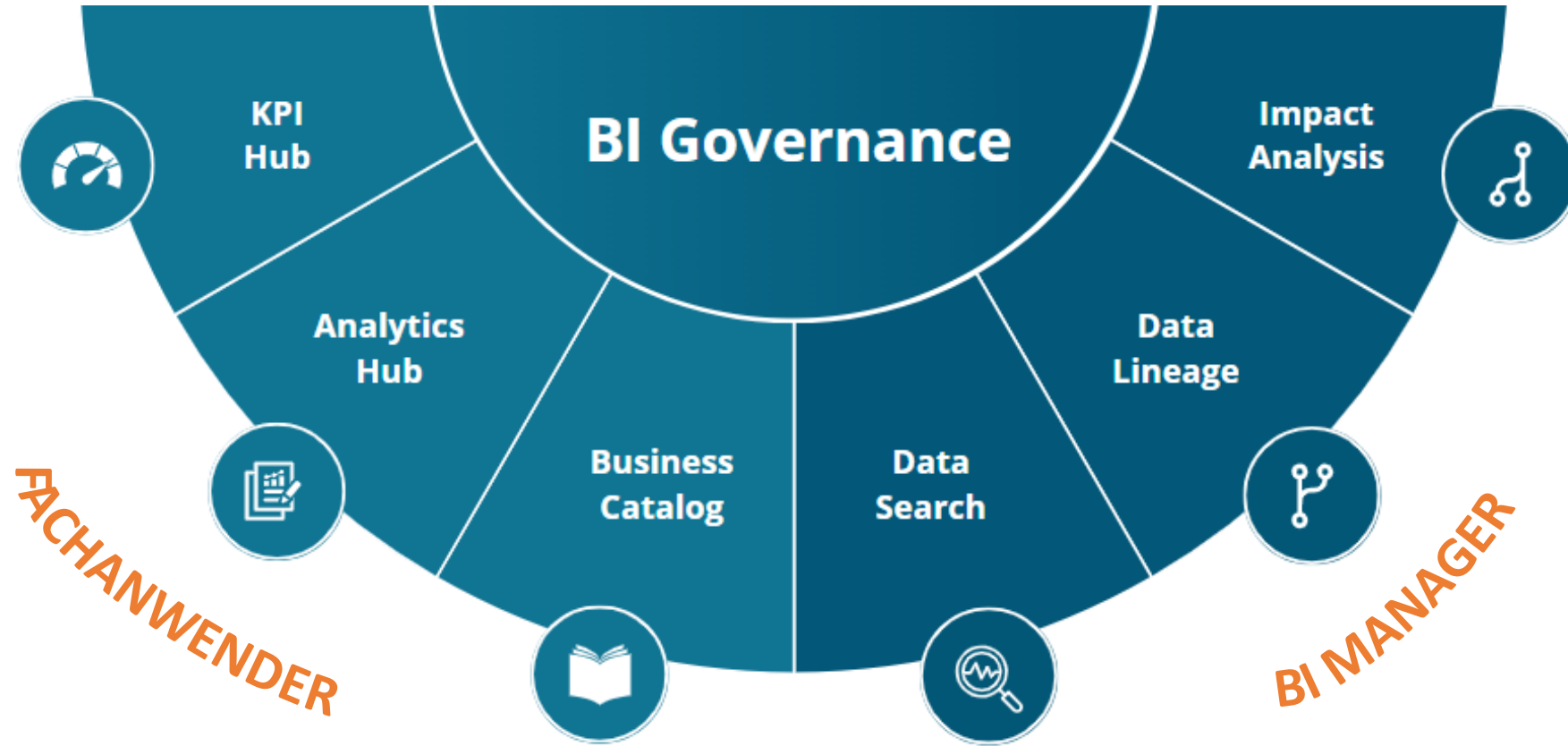
Mit den meistgenutzten Reporting-Tools



Beschleunigte Berichterstellung

Dank des Analytics Wizard kann die optimale Erweiterungsmöglichkeit unmittelbar gefunden werden







Business Catalog

3.0.0

DEFAULT

Business area

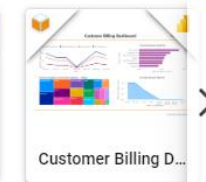
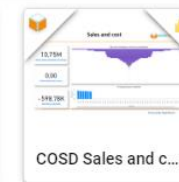
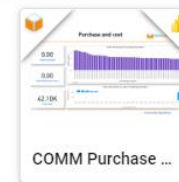
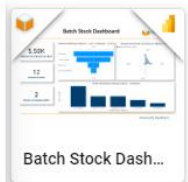
Multi selection

Unselect all



Reports (55)

Business layer



Analytics Wizard



Rapid Views referential

Search in columns Search in sources

Available modules

<input checked="" type="checkbox"/> Financial Accounting (FI)	<input checked="" type="checkbox"/> Controlling (CO)
<input checked="" type="checkbox"/> Sales and Distribution (SD)	<input checked="" type="checkbox"/> Materials Management (MM)
<input checked="" type="checkbox"/> Production Planning (PP)	<input checked="" type="checkbox"/> Quality Management (QM)
<input checked="" type="checkbox"/> Not Attributed (NotAttributed)	



Rapid Views referential

Delivery Search Version 3.0.0

Search in columns Search in sources

Your reports and semantics

Search...

Delivery OTIF

Report

Delivery Overview

Report

Delivery OTIF

Semantic

Delivery Overview

Semantic

4 elements

Your datamarts

Search...

DTM_DELIVERY_OTD_RV

Datamart

DTM_DELIVERY_OTIF_RV

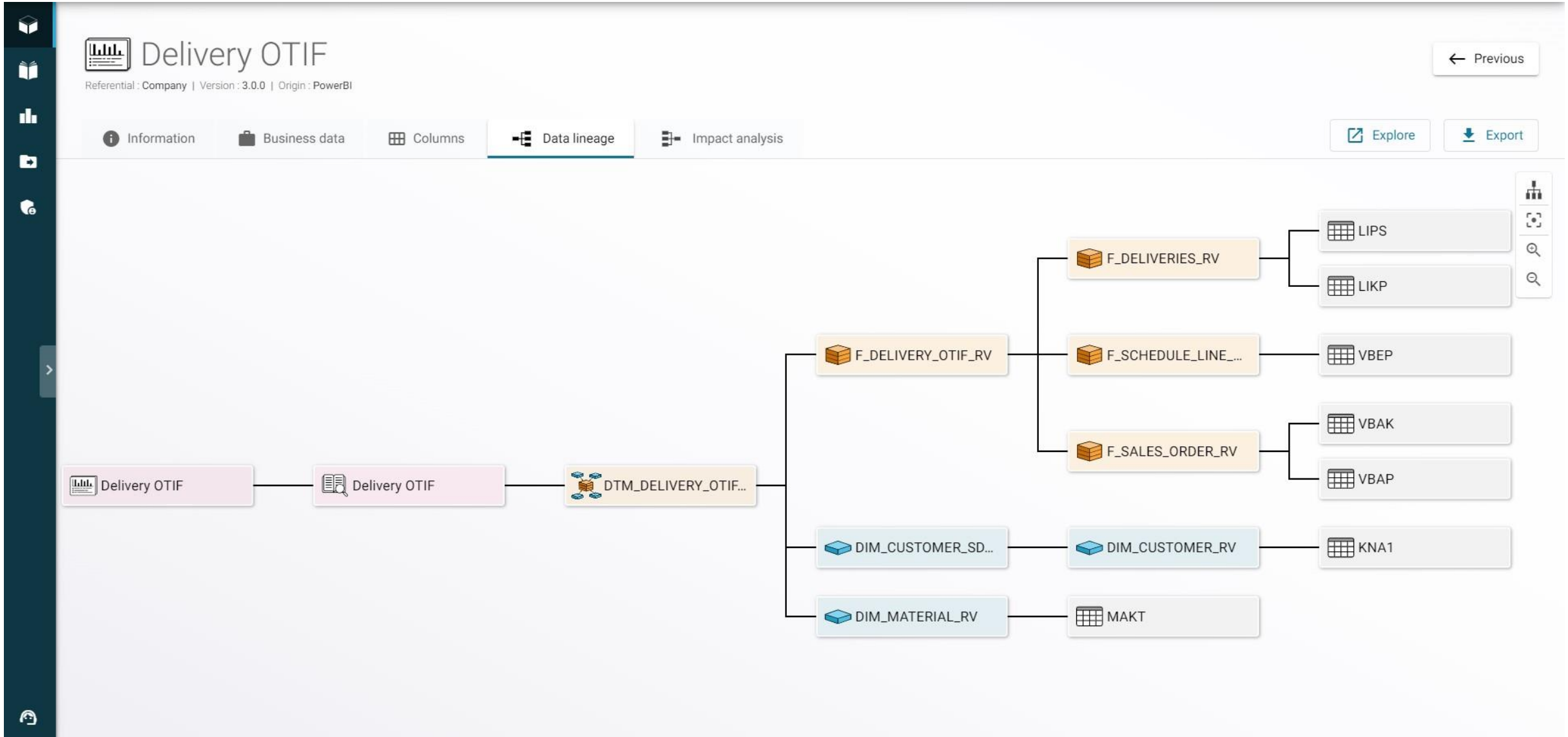
Datamart

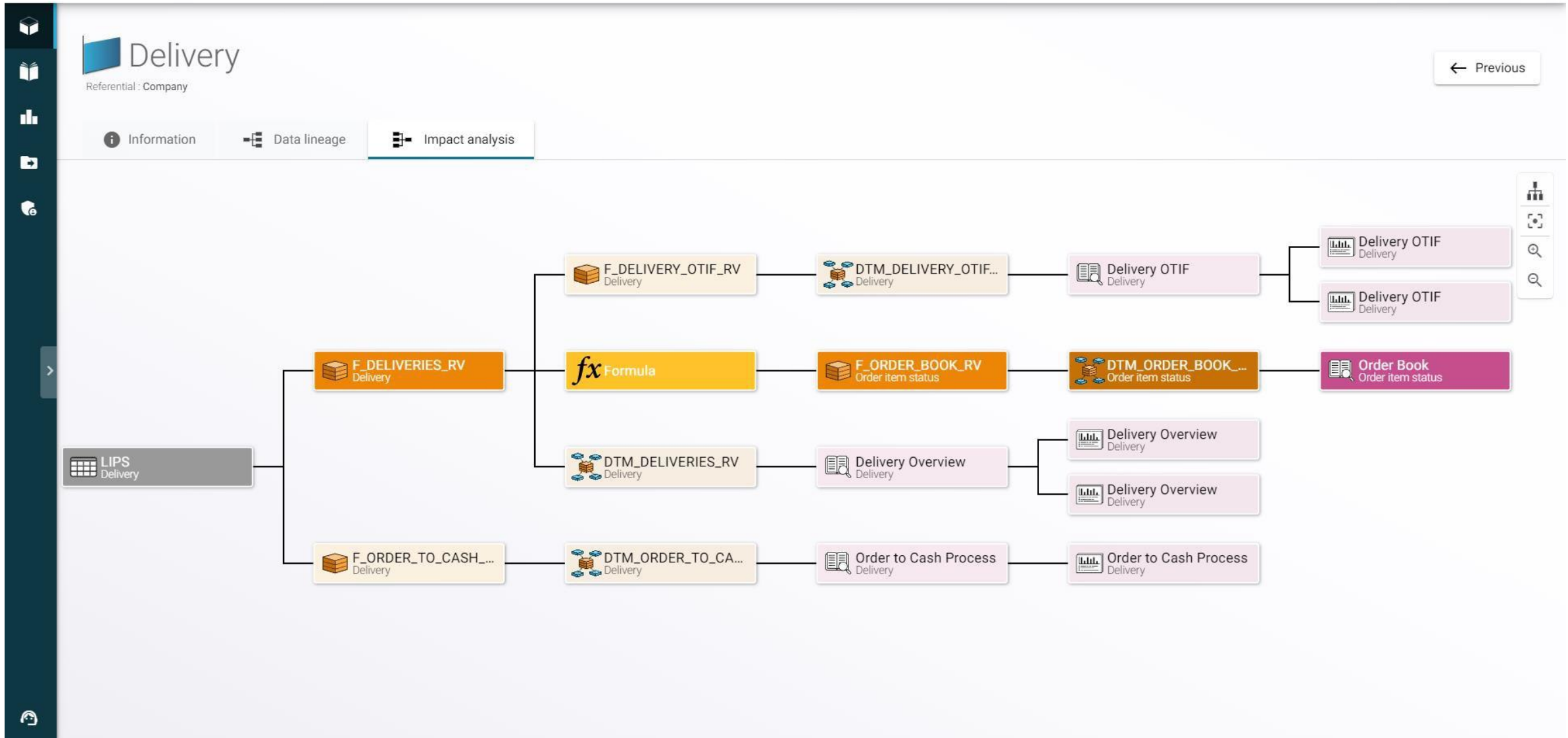
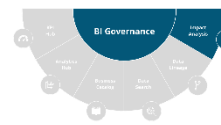
DTM_DELIVERY_SCHEDULE_RV

Datamart

3 elements







Overview
SD ¹
MM
PP
FI
CO
QM

Document flow

```

    graph LR
      subgraph Pre_sales [Pre sales]
        Inquiry --> Quotation
      end
      subgraph Sales [Sales]
        Quotation --> Sales_Order[Sales Order]
        Contract --- Sales_Order
        Sales_Order --- Schedule_Line
      end
      subgraph Shipping [Shipping]
        Sales_Order --> Delivery
        Delivery --> Shipment
      end
      subgraph Billing [Billing]
        Delivery --> Billing
      end
    
```

Reports

Delivery OTIF

Delivery Overview

Order Book

Order to Cash Proc...

Business layer

Transactional data

- ▼ Delivery
- Main Data
 - ★ Delivery
 - ★ Sales District
 - ★ Shipping Point/Receiving Pt
 - ★ Sales Organization
 - ★ Delivery Type
 - ★ Incoterms
 - ★ Route
- Dates and Times
- Currencies
- Units of Measure

KPIs

- ▼ Delivery
- Amounts
 - ☆ Rel. credit value
 - ☆ Net Value
 - ☆ Cost
 - ☆ Subtotal 1
 - ☆ Subtotal 2
 - ☆ Subtotal 3
 - ☆ Subtotal 4
- Quantities
- Other Figures
- Calculated Attributes
- Calculated KPI

Master data

- ★ Billing Block
- Billing Category
- Billing Status
- Billing Type
- Bill-to party
- Company
- Condition Type
- ★ Billing Block Desc.
- ☆ Client
- ☆ Language Key

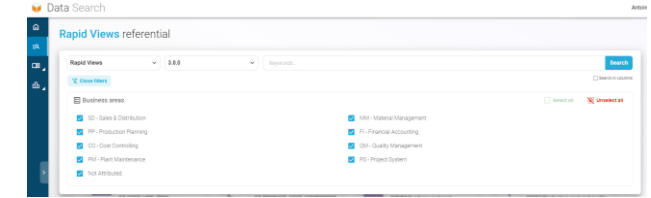
Analytics Wizard

BI MANAGER



Ein Gesamtüberblick der BI-Umgebung

Zentralisierung aller BI-Objekte inkl. Reports und +10 Konnektoren



Eine Visualisierung der BI Plattform

Suchen / Data Lineage / Impact Analysis

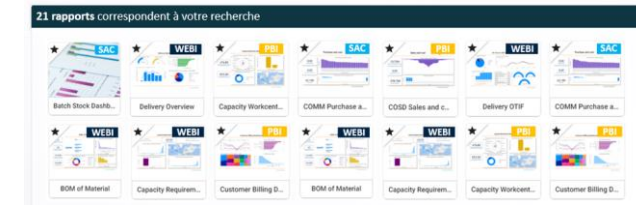


BUSINESS USER

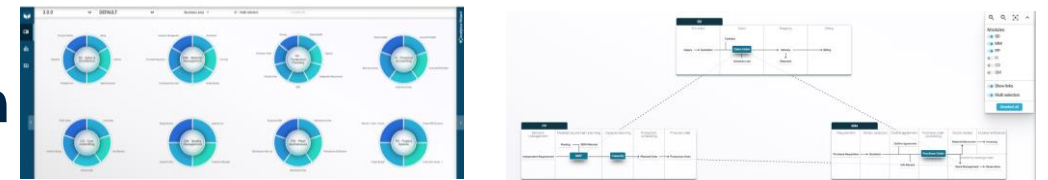


Untersuchung von KPIs und Berichten

Analytics hub & Business Catalog for a real glossary of your KPIs & reports



Visualisierung des BI-Inhalts entsprechend dem Geschäftsbereich



Kundenbeispiel 1:

*Ein neues BI Projekt auf
SAP S/4HANA beginnen*

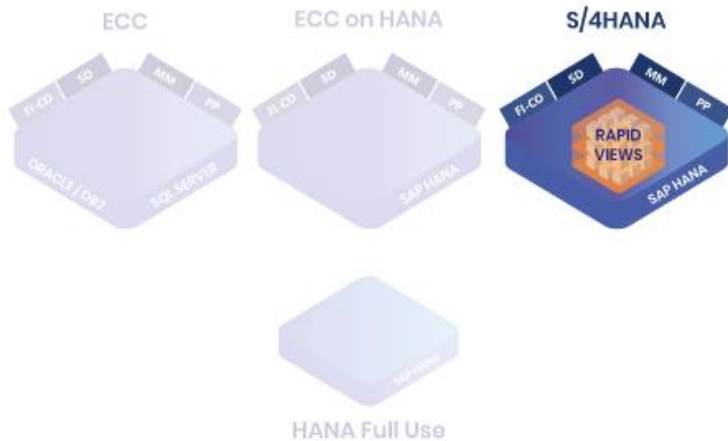
Business Pain

- Exponentiell wachsende Datenmengen auf S/4HANA
- in Verbindung mit hoher Nachfrage an Berichten
- Zeit- und Budgetrestriktionen
- Notwendigkeit einer "schlüselfertigen" Lösung für bestehende und zukünftige BI Anforderungen

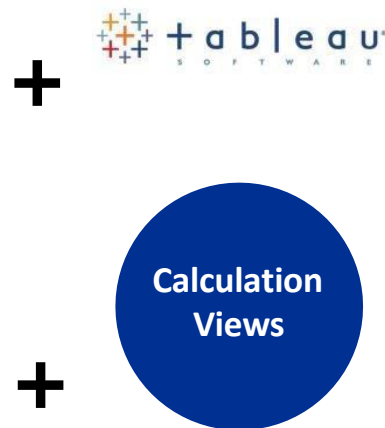
RapidViews Lösungen

- 50 Tage für die Bereitstellung von Business Contents für 5 SAP Module und 75 neuer KPIs für Tableau Software
- Strukturiertes BI Modell, konform mit SAP Best Practices
- Wissenstransfer und Training für ein vollständig autonomes BI Team

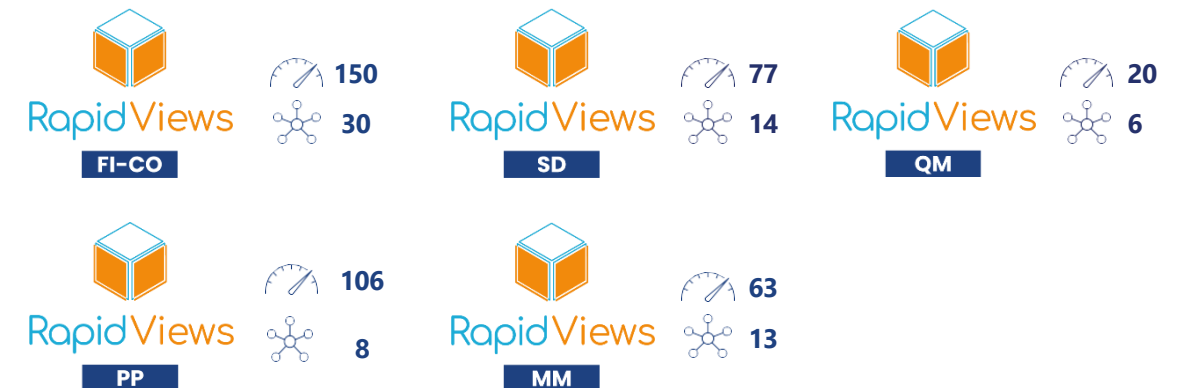
Technisches Umfeld



Reporting tool



RapidViews Einsatz und Anwendung



KUNDENBEISPIEL 2:

Start eines neuen BI Projekts

auf SAP Datasphere

für ein fortgeschrittenes

Berichtswesen im

S/4HANA Public Cloud Umfeld

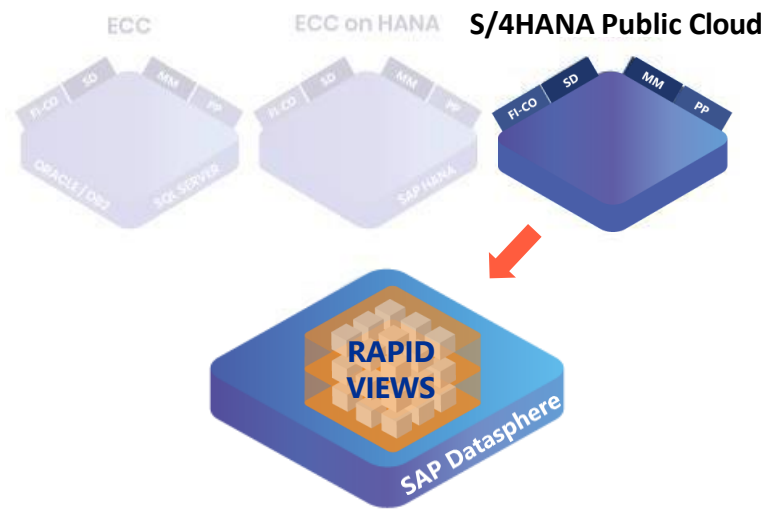
Business Pain

- Kanadischer Kunde mit S/4HANA Public Cloud, nicht in der Lage komplexere Reportingbedarfe mit Embedded Analytics zu bedienen
- Mangel an direktem Zugang zu den Tabellen.
- Begrenzter SAP Standard, langwierige und kostspielige CDS Views Entwicklung, kleines IT Team

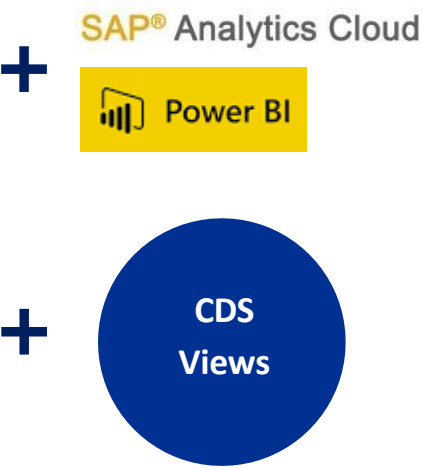
RapidViews Lösungen

- RapidViews auf SAP Datasphere: an CDS Views vom S/4HANA angebunden um RapidViews Business Content und Standard-Reports in SAP Analytics Cloud zu nutzen
- Bereitstellung von erstem Reporting innerhalb von nur 2 Monaten.

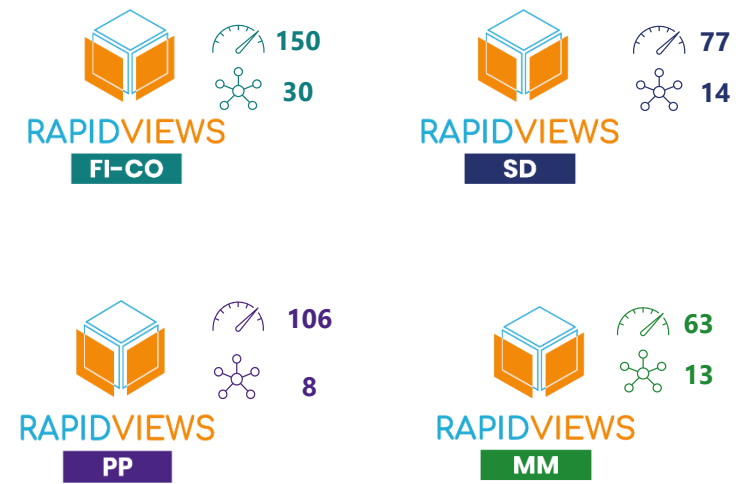
Technisches Umfeld



Reporting tool



RapidViews Einsatz und Anwendung



Kundenbeispiel 3:

*Dokumentation und Zentralisierung
von bestehendem
komplexen Berichtswesen*

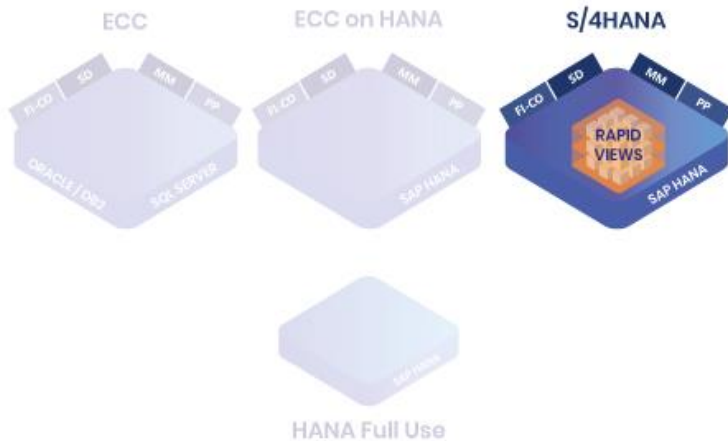
Business Pain

- BI-Entwicklungen von Beratern und Servicedienstleistern führt zu umfangreichem, komplexen Berichtswesen
- Hohe Schwierigkeit, alle 1500 CDS Views der verschiedenen Bereiche (FI-CO, SD, MM, PP, QM, WM, PS, PM, HR und cross-module) zu überblicken und zu verwalten.

RapidViews Lösungen

- Bereitstellung der Plattform-Zugänge und Anbindung ans S/4HANA und die Reporting Tools innerhalb weniger Tage
- Zentralisierung aller BI-Entwicklungen
- Hochentwickelte Dokumentierung ihrer CDS Views

Technisches Umfeld



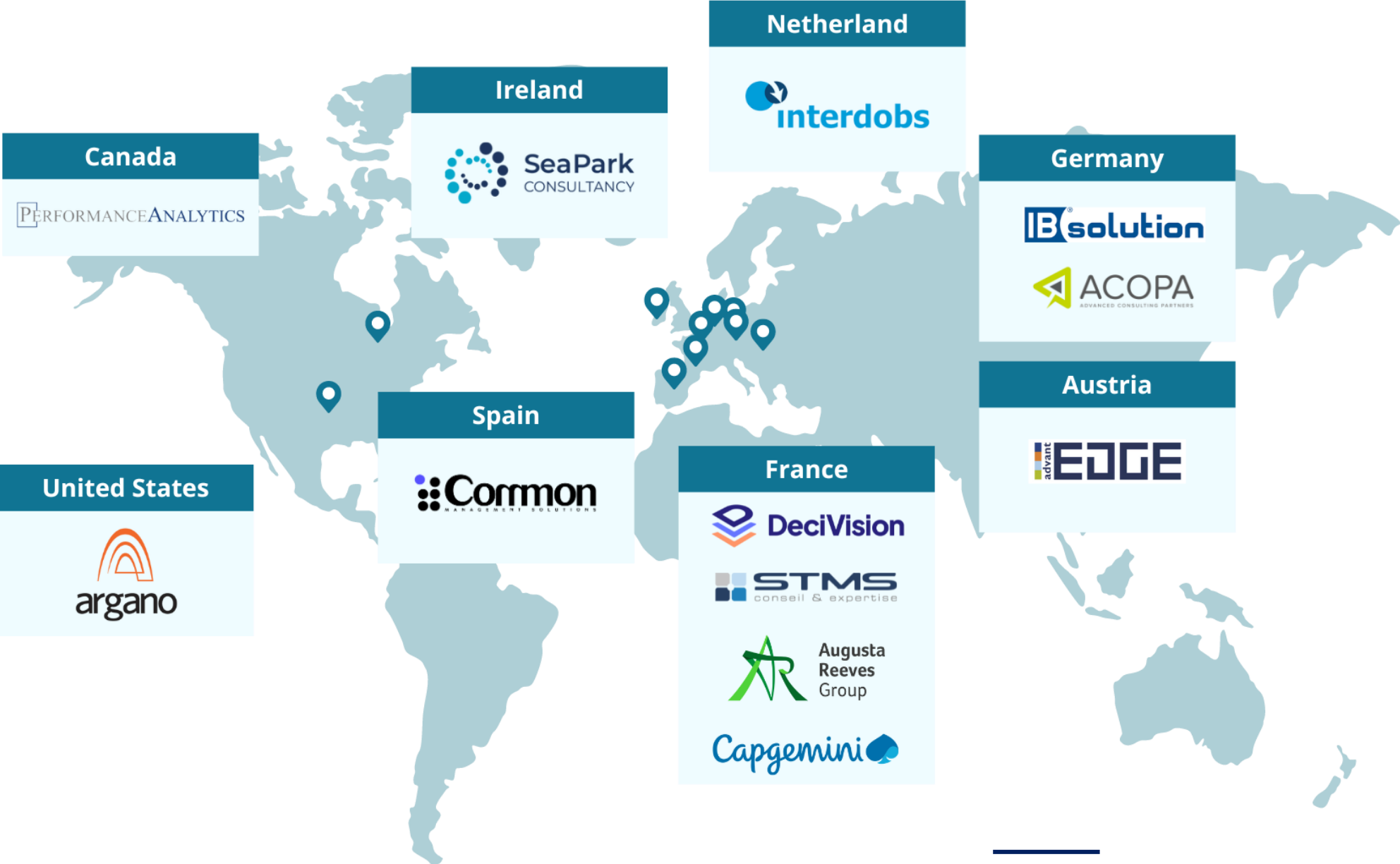
Reporting tool



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