

SAP Business Planning and Consolidation 10.1, version for SAP NetWeaver Product & Product Strategy Update

SAP BPC10.1 SP7 / SAP BW 7.40 SP12

Detlef Wassmuth, SAP SE

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Public



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Agenda

- Planning landscape today
- Integration of BW-IP / PAK and BPC NW
- Planning as part of SAP Business Warehouse
- In-memory planning
- Next gen planning solution:
SAP Business Planning and Consolidation 10.1, version for SAP NetWeaver, powered by SAP HANA Details
 - Planning Models and their relationship
 - Architecture
 - Roadmap
- NEW Excel Client Strategy
- Product Update
- Integrated Planning Solutions

SAP Business Planning and Consolidation 10.1, version for SAP NetWeaver, powered by SAP HANA

Product name, License and Model

Product Name: SAP Business Planning and Consolidation 10.1, version for SAP NetWeaver

License: SAP Business Planning and Consolidation 10.1, version for SAP NetWeaver

License contains: BPC Standard Model (formerly known as “BPC XY NetWeaver, BPC HANA”)

BPC Embedded Model: convergence of the most important capabilities of “BPC XY NetWeaver” and BW-IP

Planning Application Kit (PAK): Planning functions of the BW-IP or Embedded Model will be executed by SAP HANA

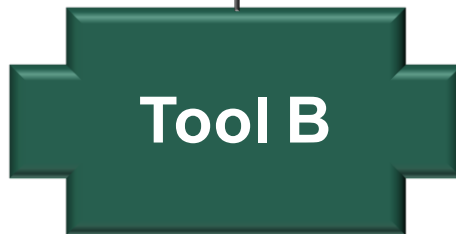
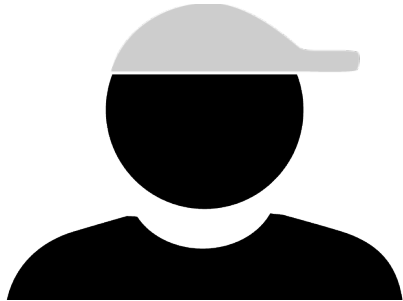
** Planning Functions of type: Standard and FOX Formulas*



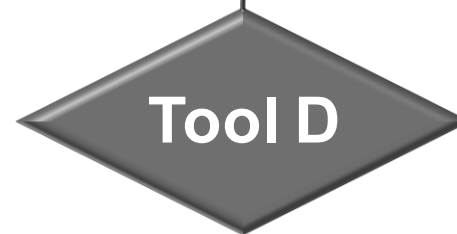
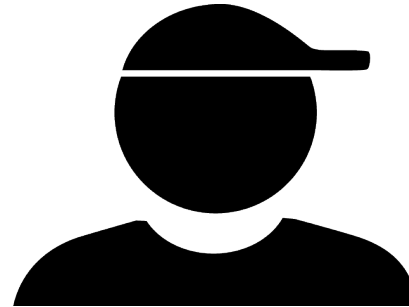
Planning landscape today

The Starting Point – Is This You?

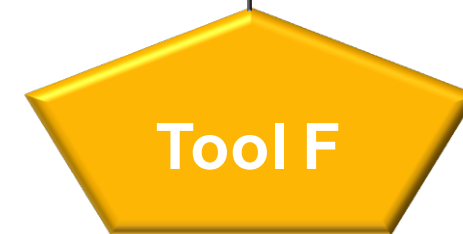
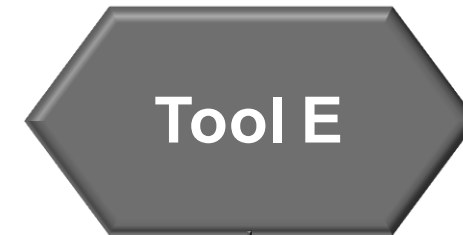
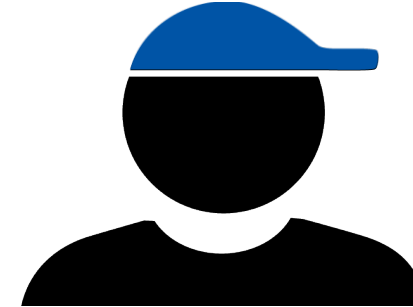
Sales Planning



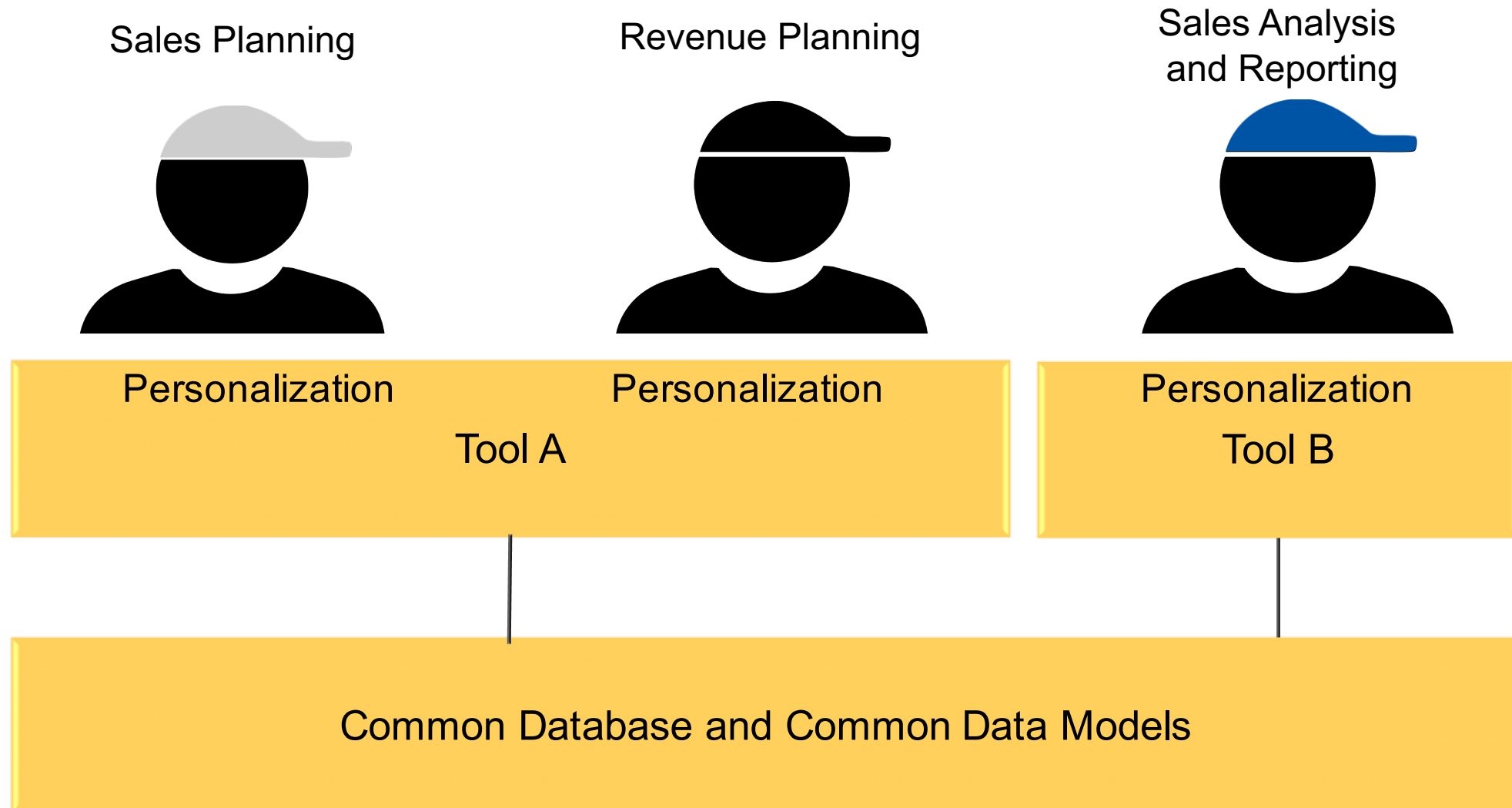
Revenue Planning



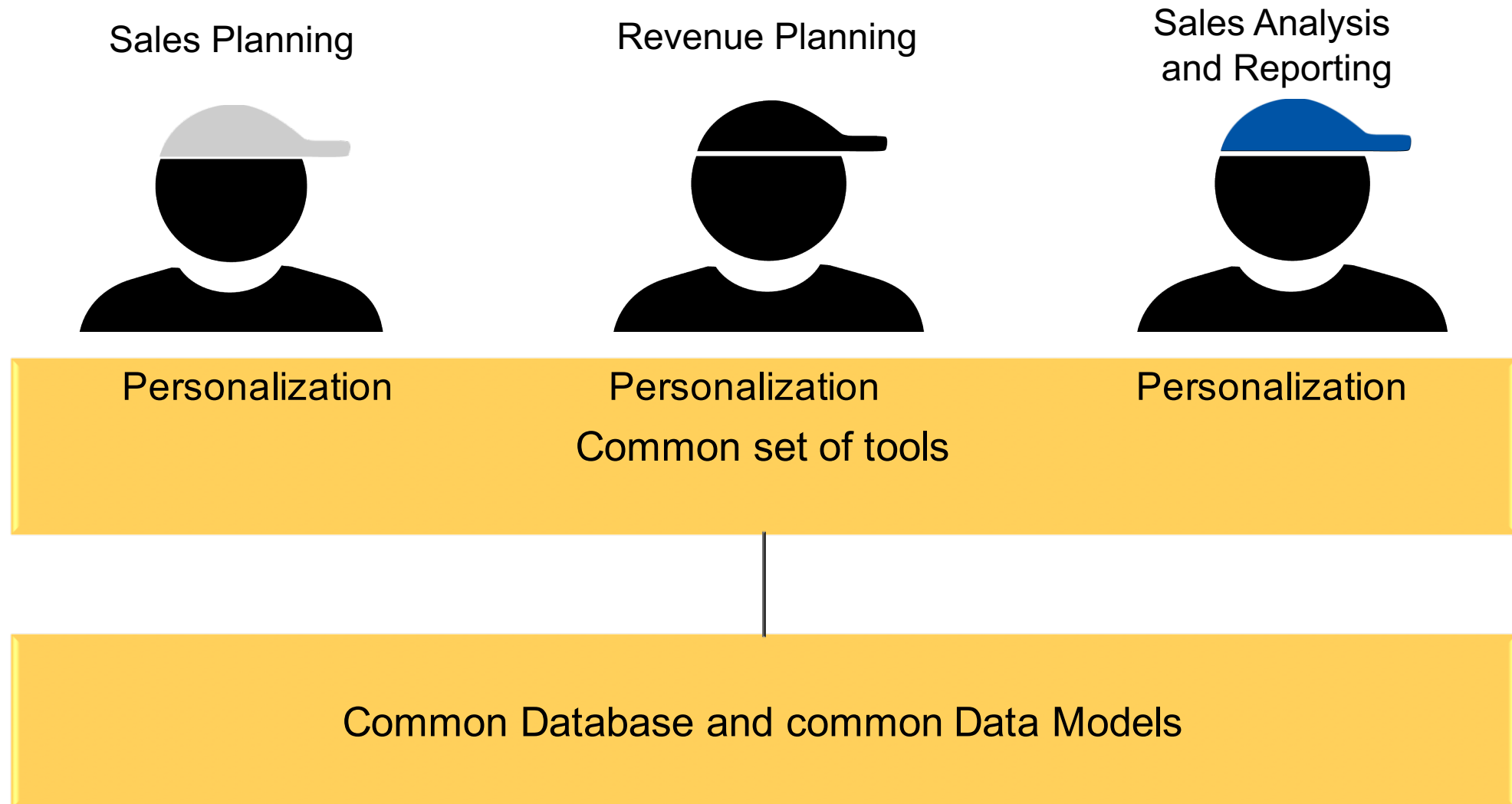
Sales Analysis
and Reporting



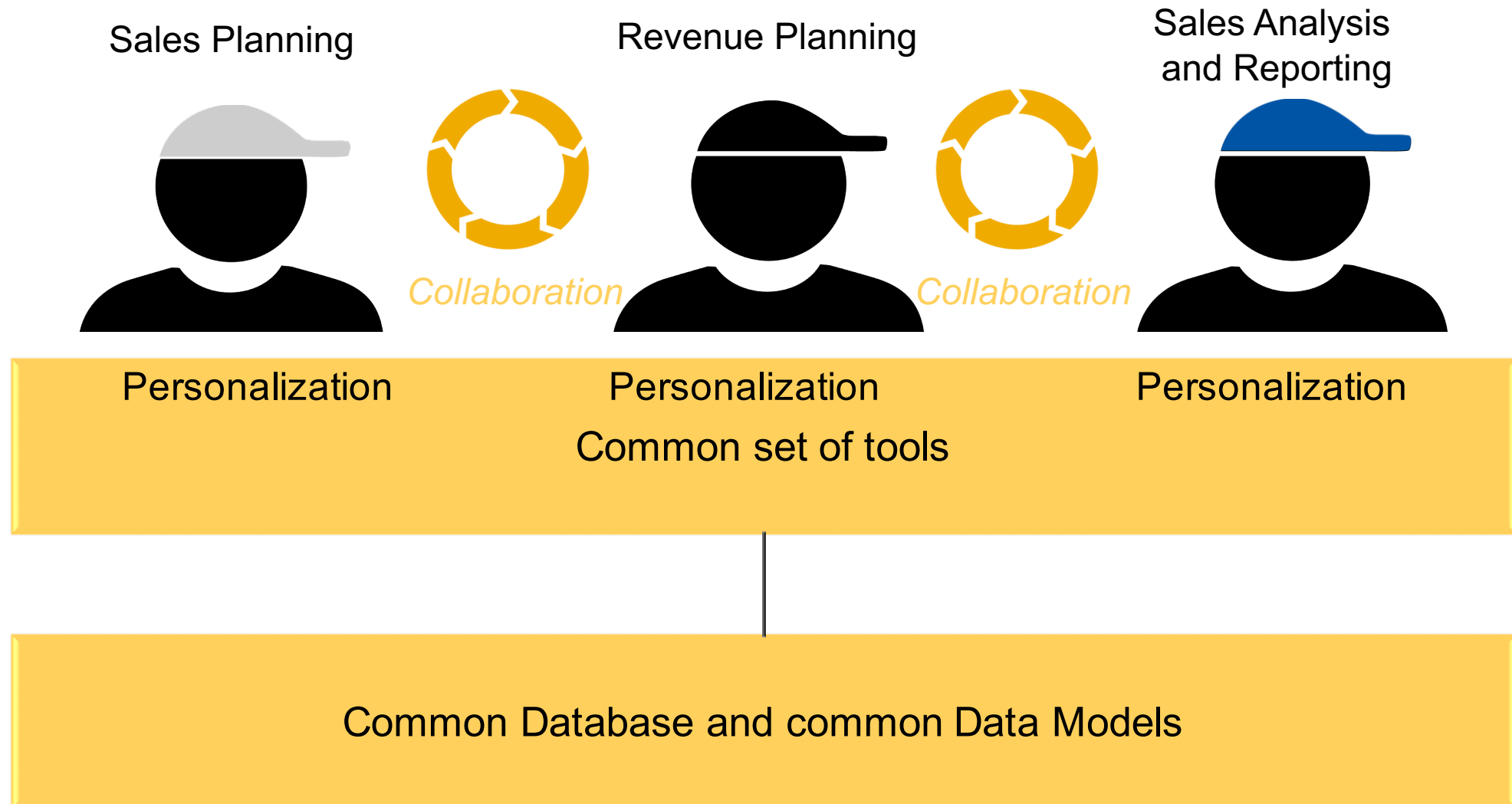
Step 1: Back-End Integration



Step 2: Front-End Integration



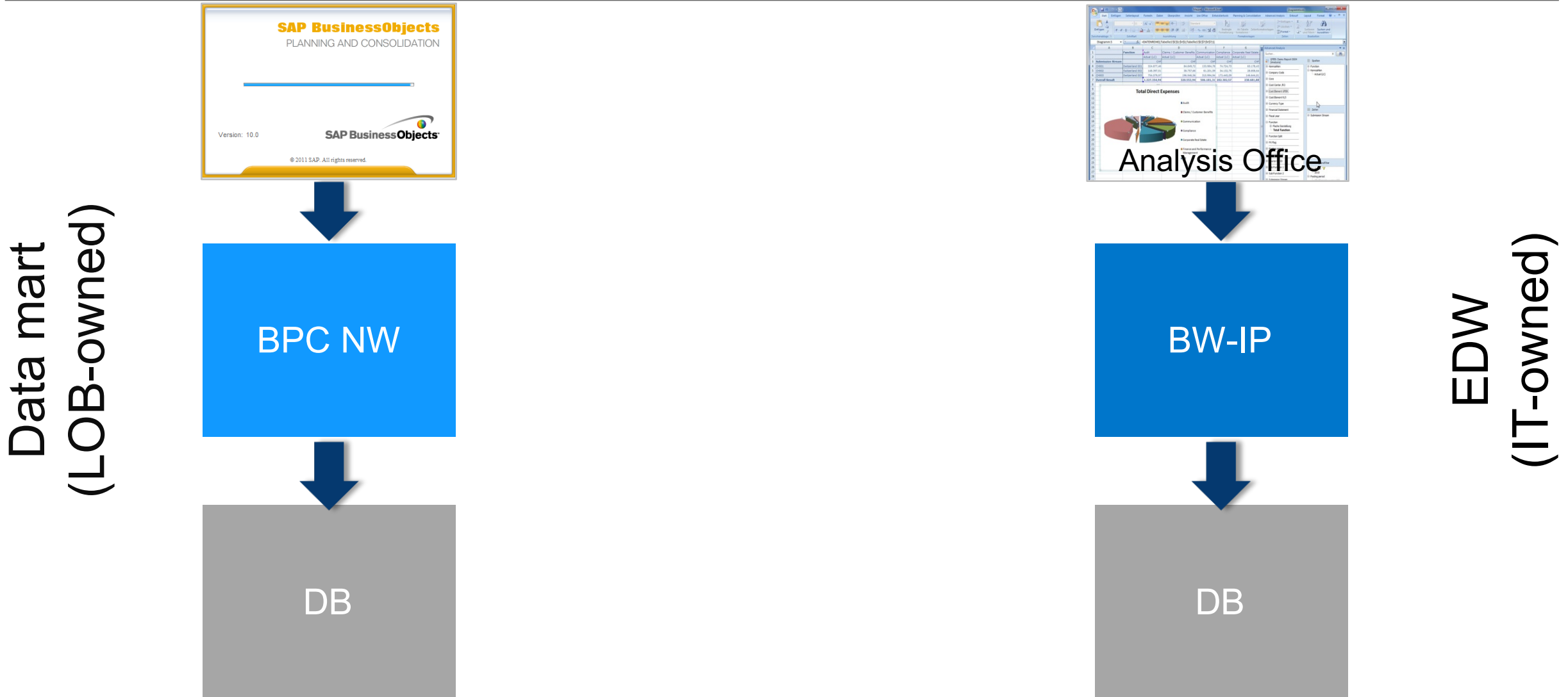
Step 3: Collaboration



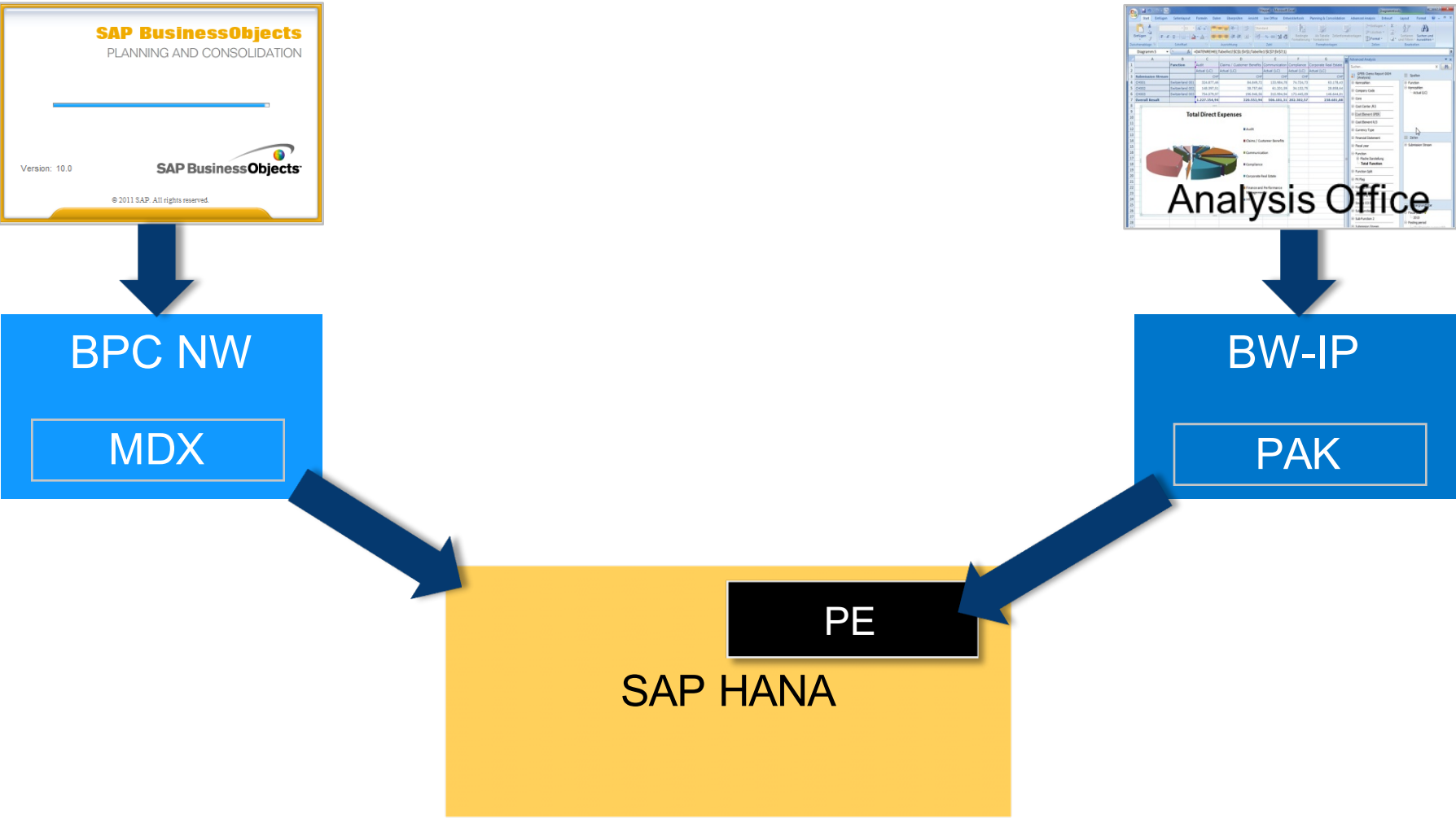


Integration of BW-IP / PAK and BPC NW

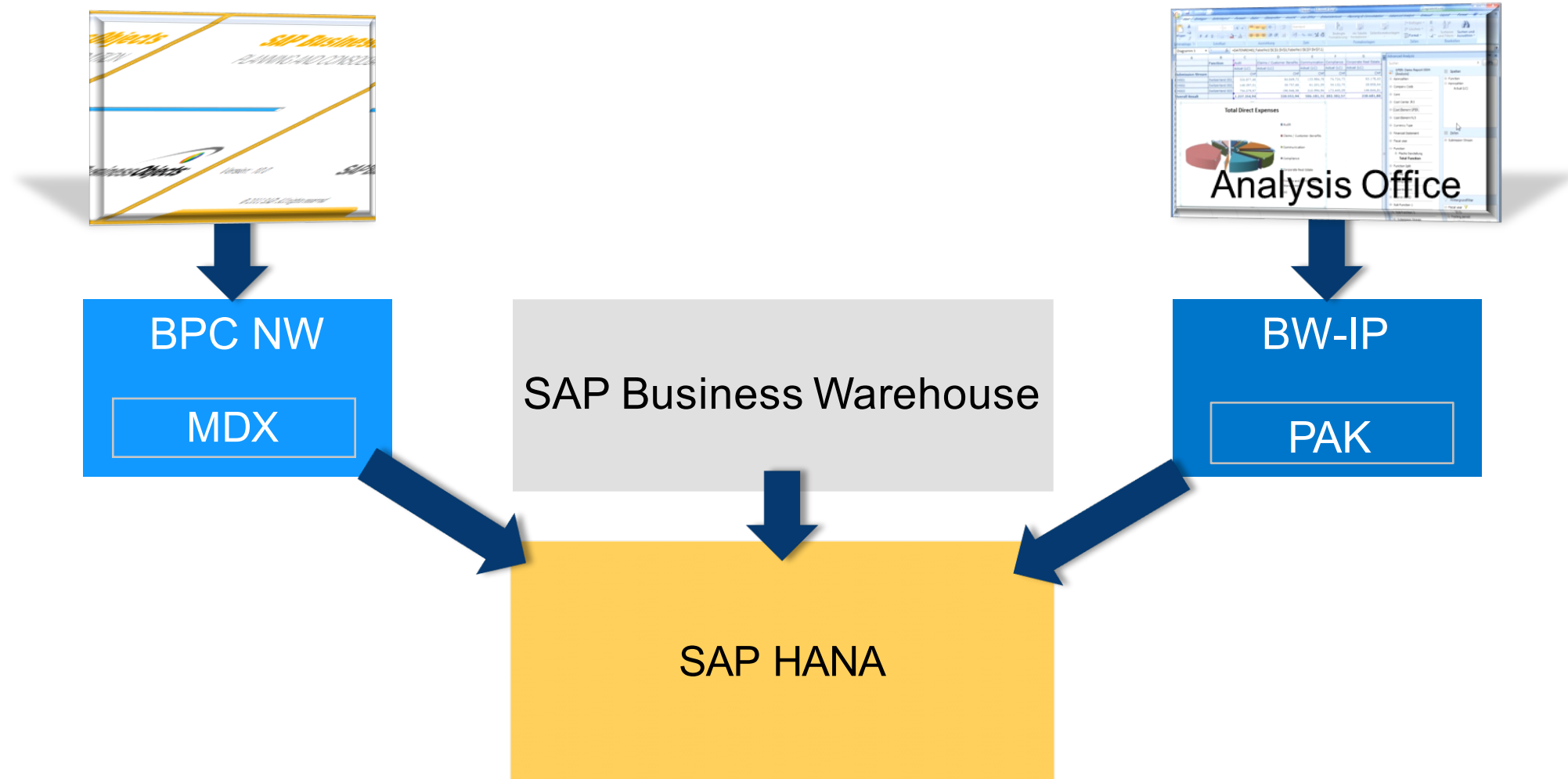
SAP Business Planning and Consolidation, version for SAP NetWeaver 7.x and BW Integrated Planning



SAP Business Planning and Consolidation, version for SAP NetWeaver 10.0 and Planning Applications Kit



SAP Business Planning and Consolidation, version for SAP NetWeaver 10.1 and Planning Applications Kit combined



SAP Business Planning and Consolidation, version for SAP NetWeaver 10.1 and Planning Applications Kit combined





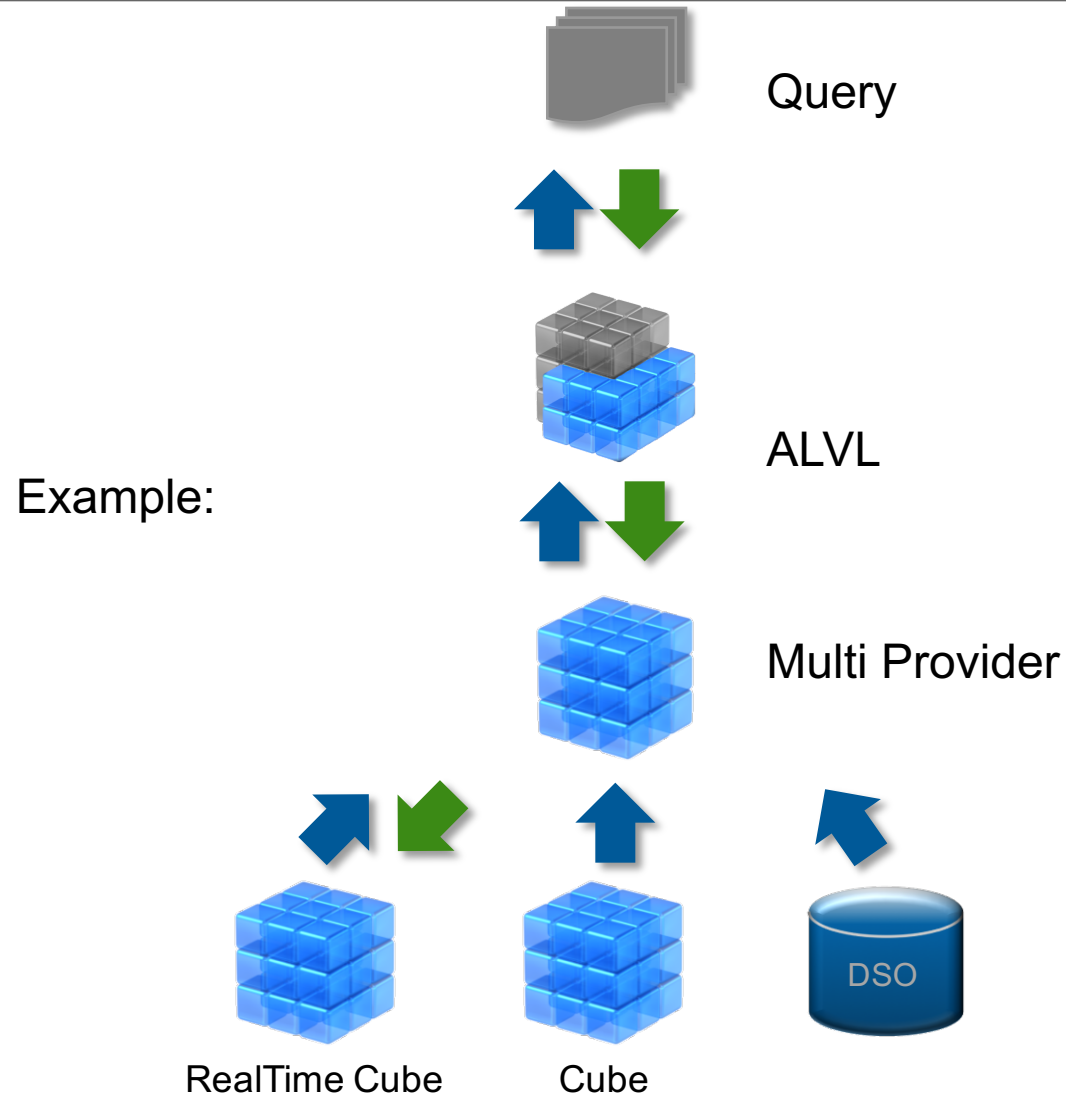
Planning as part of SAP Business Warehouse

Planning as part of SAP Business Warehouse



BW based planning: BW Integrated Planning

The planning model





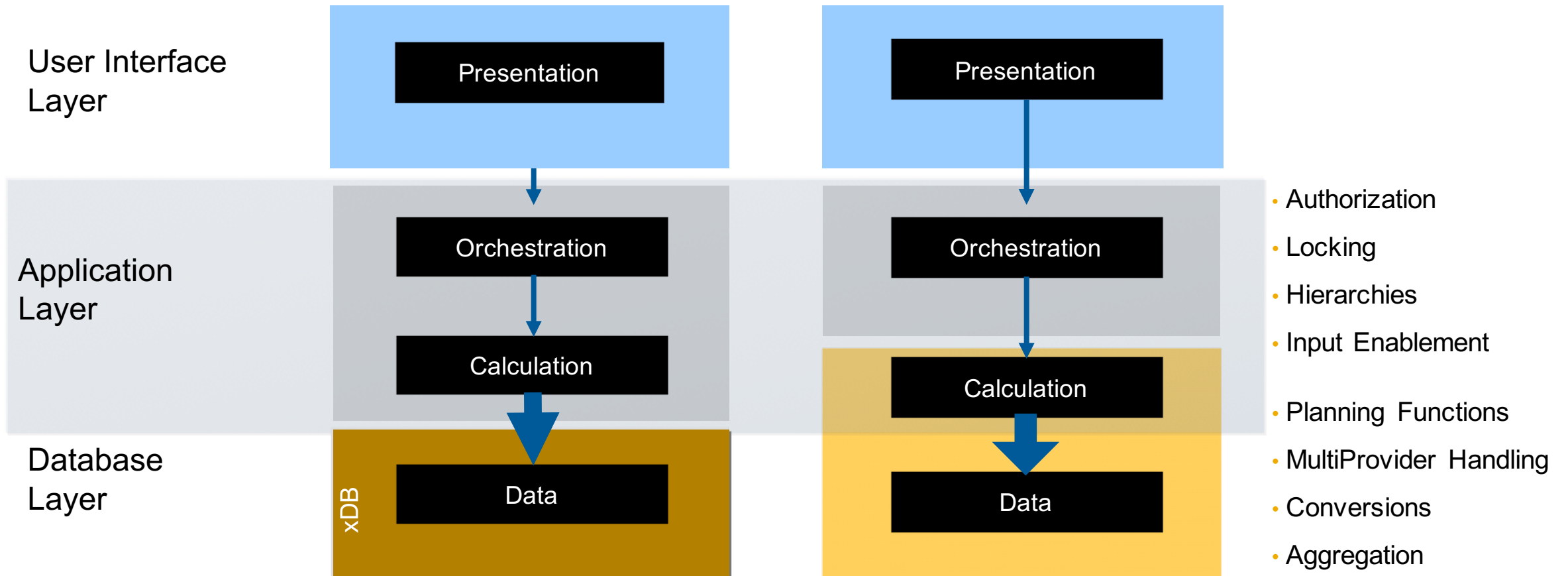
In-Memory Planning

In-Memory Planning

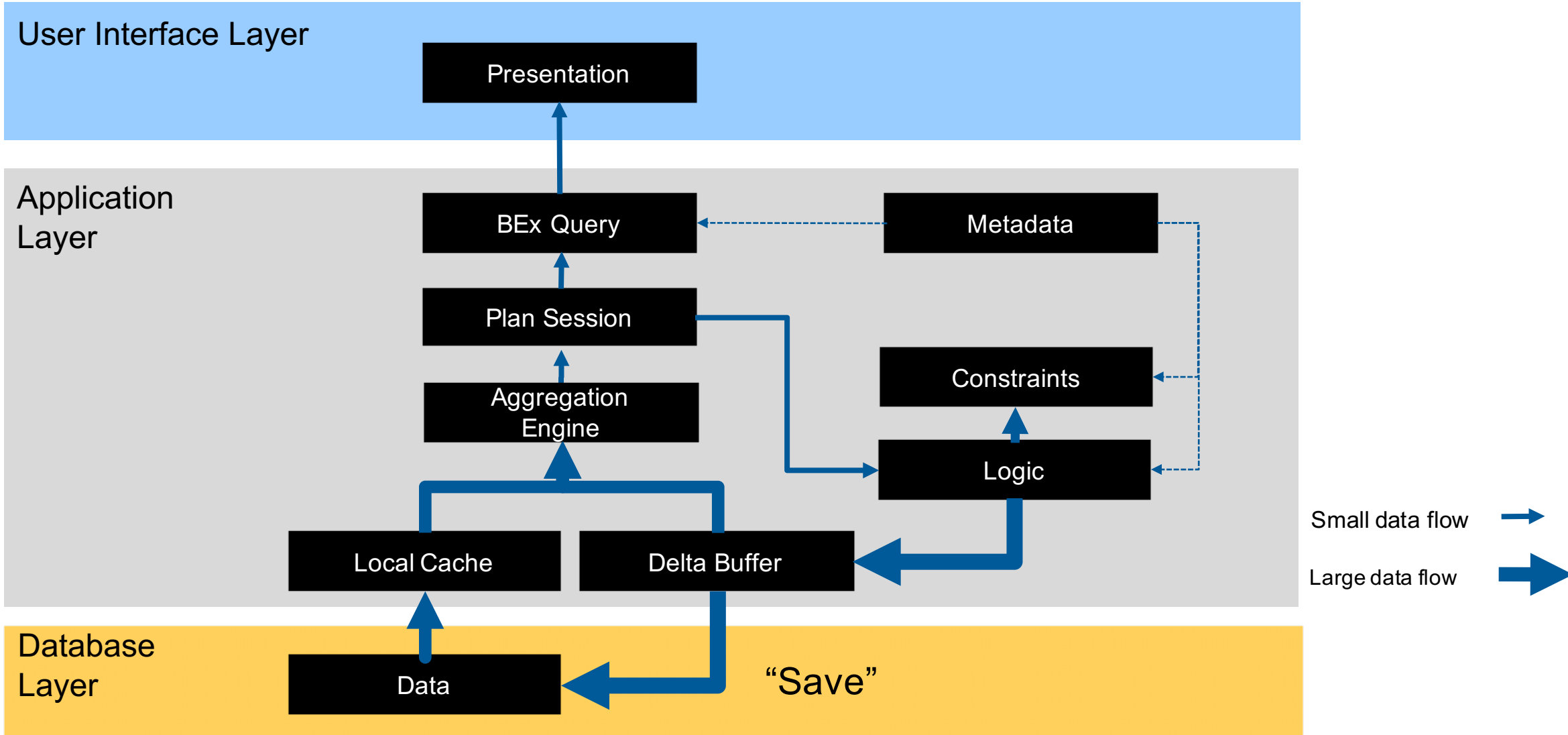
The Technological Change

Classic Database

In-Memory Database

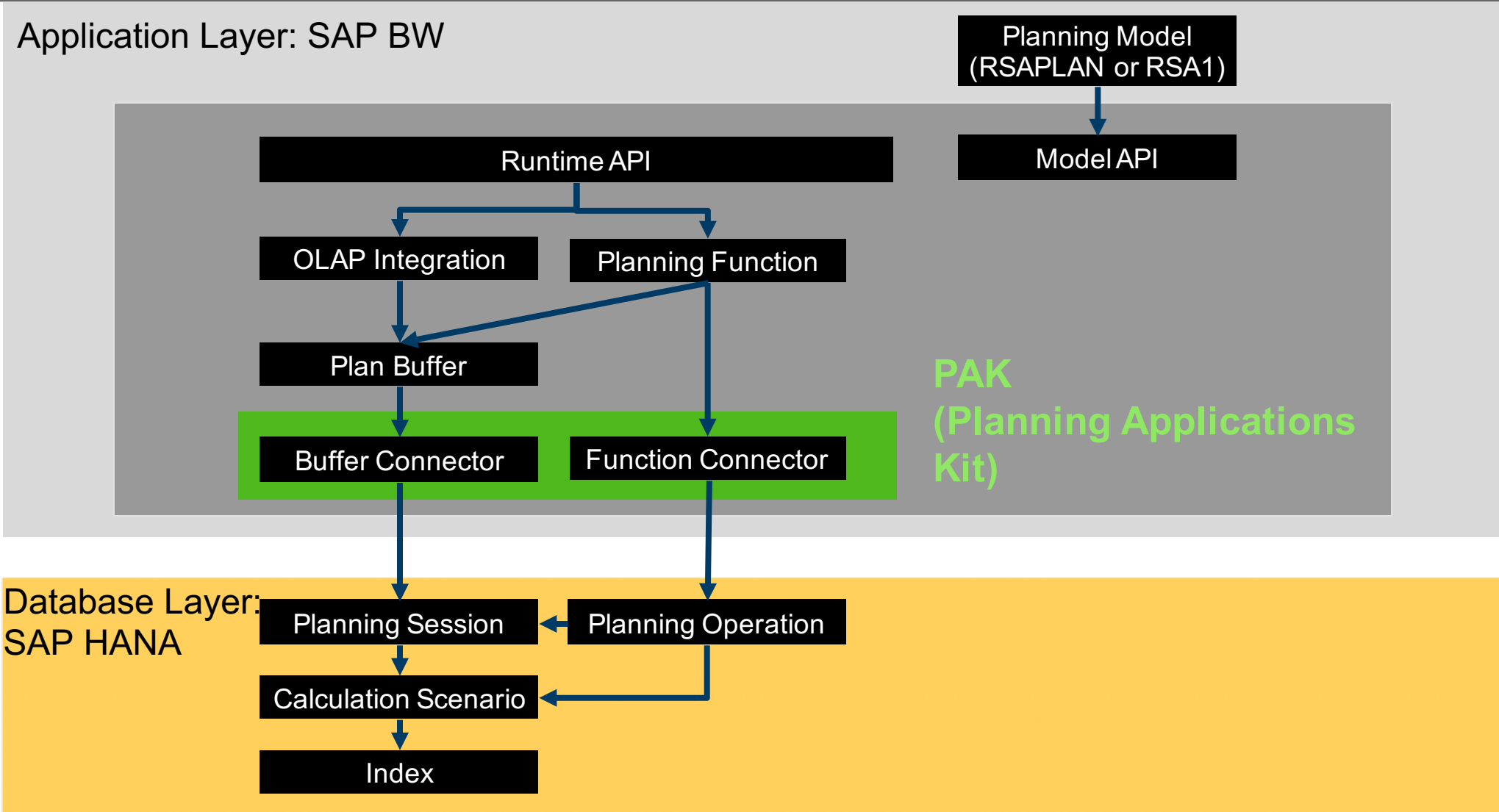


Current Planning Architecture



In-Memory Planning Architecture

Planning Applications Kit (PAK)



SAP NetWeaver BW 7.30

In-Memory Planning - Simple Disaggregation Example

	FY 2010 Actual	FY 2011 Plan
Country	EUR	EUR
France	200,00	200,00
Germany	250,00	250,00
Italy	180,00	180,00

User changes
a plan value



	FY 2010 Actual	FY 2011 Plan
Country	EUR	EUR
France	200,00	200,00
Germany	250,00	300,00
Italy	180,00	180,00

Traditional Approach

1. Determine the delta → +50
2. Disaggregate (in application server)
 - per week (52)
 - per branch (500)
 - 26000 combinations / values
3. Send 26000 values to DB to save

HANA-Based Approach

1. Determine the delta → +50
2. Send 1 value to HANA database + instruction to disaggregate and how
3. Disaggregate (in HANA engine)
 - per week (52)
 - per branch (500)
 - create + save 26000 values



Next gen planning solution: SAP BPC10.1, version for SAP NetWeaver, powered by SAP HANA

SAP solutions for EPM: Unified Planning Platform

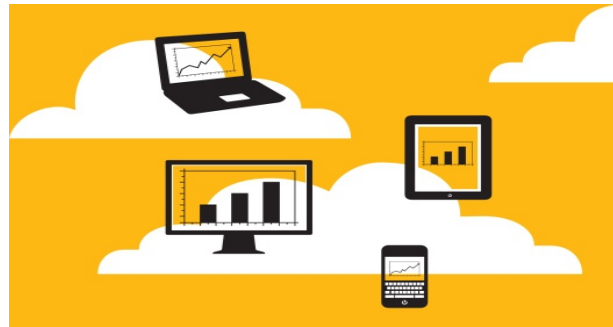
SAP strategic focus on Planning

Complete



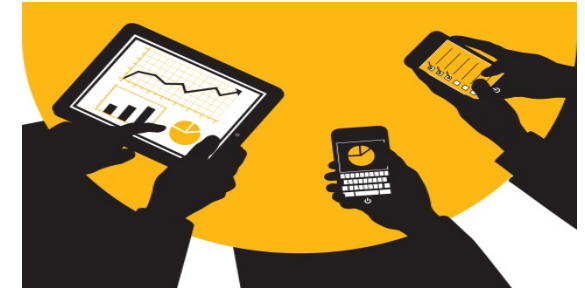
- Get everything you need for performance management – integrated and from one vendor
- Improve operability and reduce cost of ownership with direct integration into the SAP NetWeaver technology platform, the SAP ERP application, and analytics solutions from SAP
- Choose an industry-recognized, leading portfolio for reduced risk

User Friendly



- Deploy in the cloud or on premise to meet the requirements of your organization
- Leverage industry and line-of-business content to get up and running faster
- Use simplified mobile, Web, and Microsoft Office (Excel) interfaces to satisfy all user types instead of only a few

Innovative



- Analyze and act anytime and anywhere with mobile-ready apps for consuming information and inputting data on the fly
- Make faster and better decisions by eliminating wait times through the power of the SAP HANA platform
- Improve planning and forecast accuracy on any data size with a platform that is predictive and Big Data ready

SAP Business Planning and Consolidation 10.1, version for SAP NetWeaver, powered by SAP HANA

One unified and complete planning suite addressing the full spectrum of planning

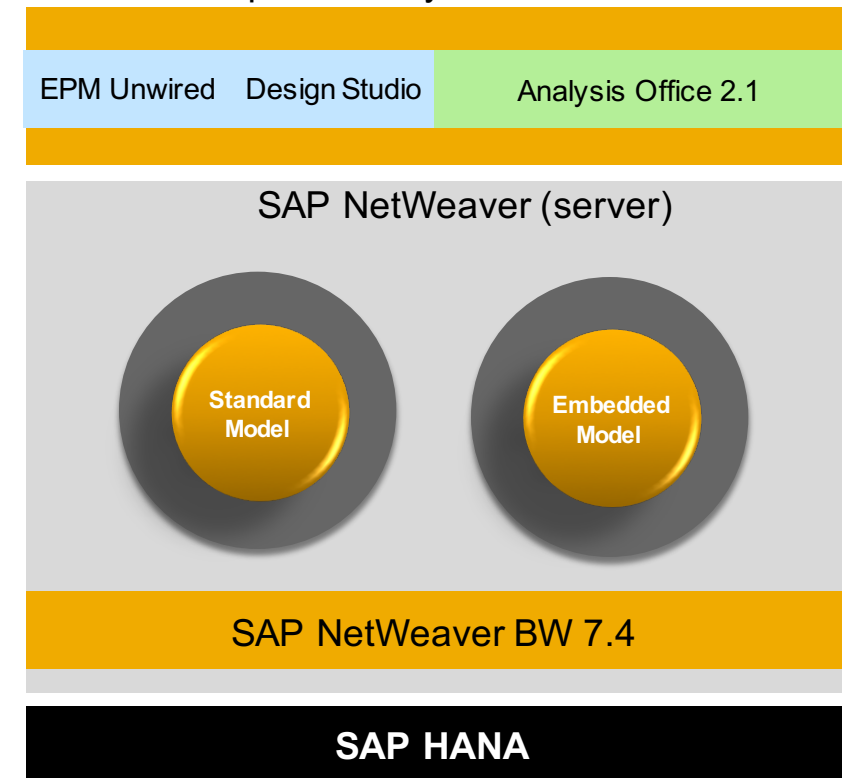
Performance, scalability, integration, and usability:

- Support for SAP Business Planning and Consolidation, version for SAP NetWeaver, and planning applications kit models
- Best-in-class flexibility and integration with InfoObjects used with SAP NetWeaver BW
- Powered by SAP HANA for maximum planning performance and scalability

Single planning solution on SAP NetWeaver BW powered by SAP HANA:

- Use of EPM add-in for Microsoft Office Excel or Analysis Office and Design Studio client across both models
- Single HTML5 Web user interface
- Enriched mobile experience with EPM Unwired and HTML5

SAP Business Planning and Consolidation,
version for SAP NetWeaver 10.1,
powered by SAP HANA



Benefits of SAP Business Planning and Consolidation 10.1, version for SAP NetWeaver, powered by SAP HANA

Enhanced analysis and planning capabilities

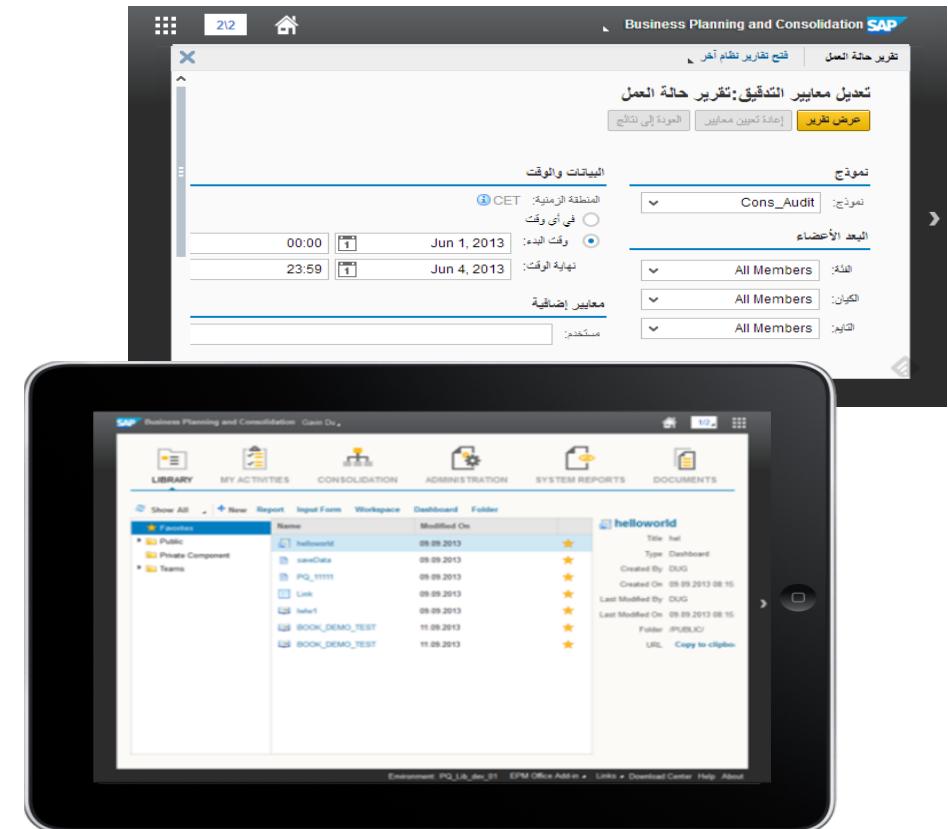
- Optimized planning functions leveraging SAP HANA for better, more timely decisions
- Leverages existing the SAP Business Warehouse (SAP BW) application's integrated planning models and benefit from SAP HANA acceleration in addition to new capabilities

Increased usability

- New HTML5 UI for easier navigation and cross-platform readiness

Lower cost of ownership

- New modeling capabilities with tighter integration into SAP BW and SAP ERP
- Deployed in the SAP HANA Enterprise Cloud service with subscription pricing to get up and running faster with lower up-front costs





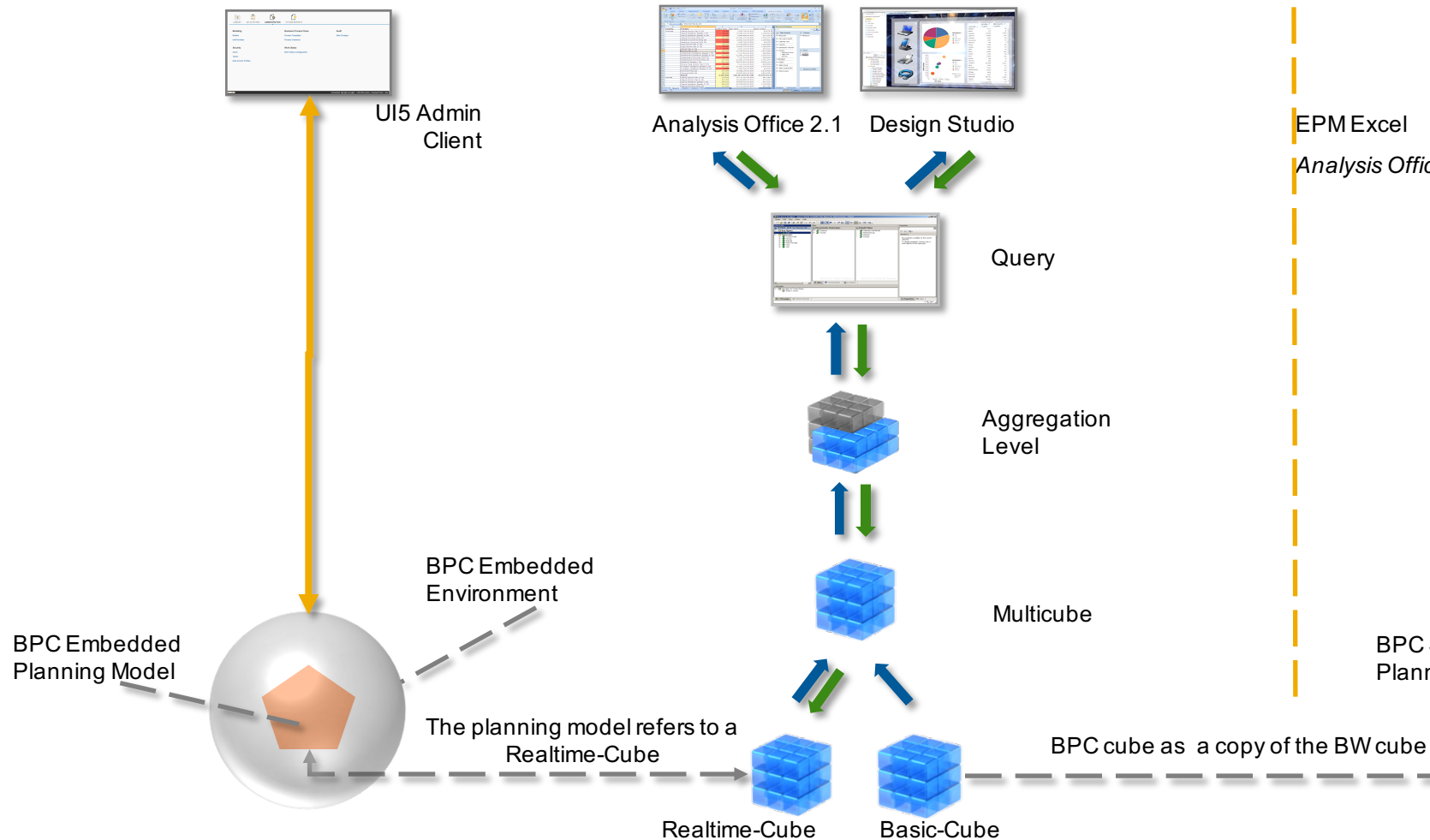
Planning Models and their relationship

SAP BPC NW 10.1

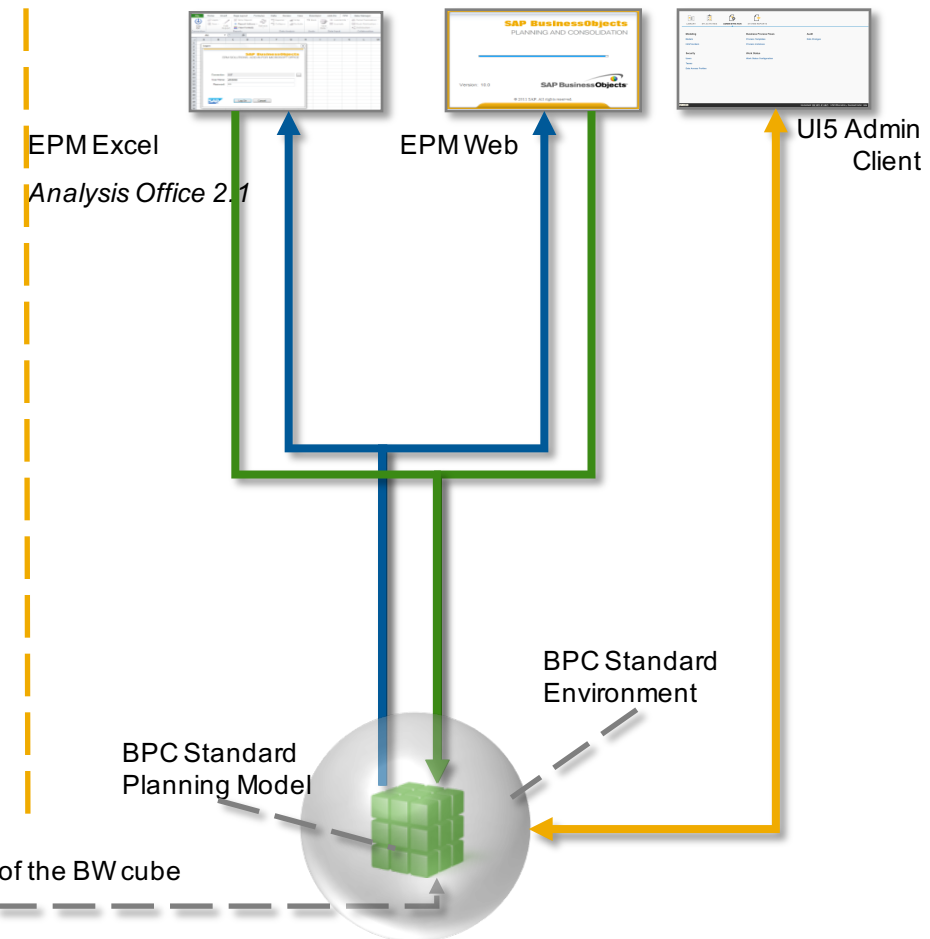
Planning Models and their relationship

Embedded Model

BW-IP/PAK Planning Model



BPC Standard (/CPMB/-namespace)



BPC Modeling: Environment for Embedded Model

An environment consists of one or more models. An environment is a virtual concept or container that holds different planning scenarios (models). Company-wide planning processes can be built on one environment.

Contains information about:

Users

- Assign users to the environment and manage their access rights

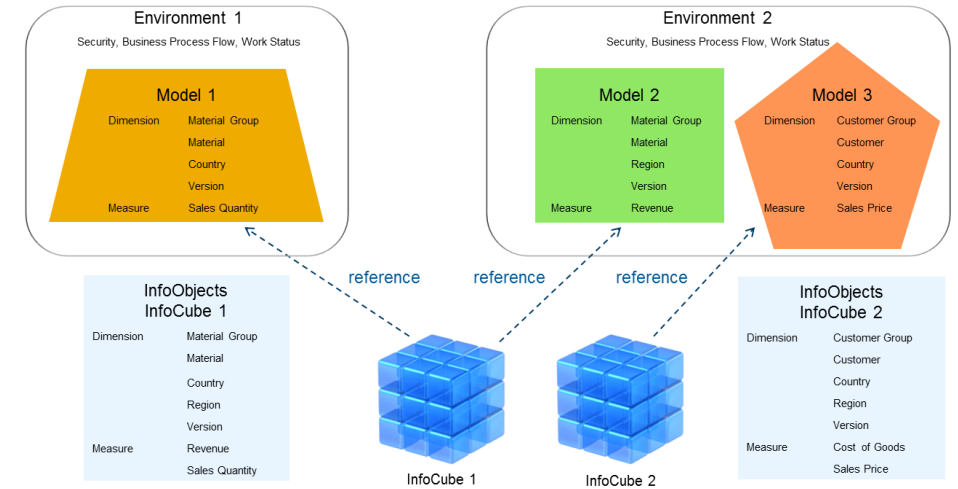
Teams

- Create teams of users with the same access rights

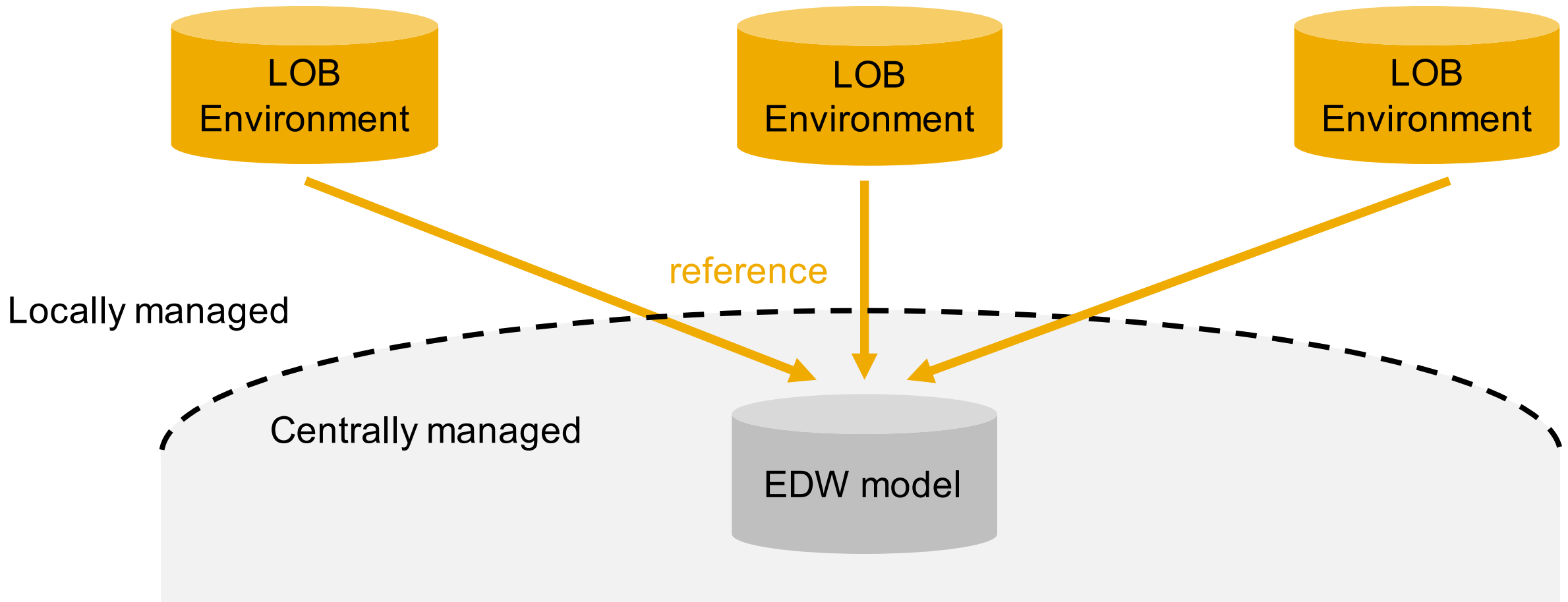
Data access profiles

- Set up profiles that allow access to data in models, and assign them to users and teams.

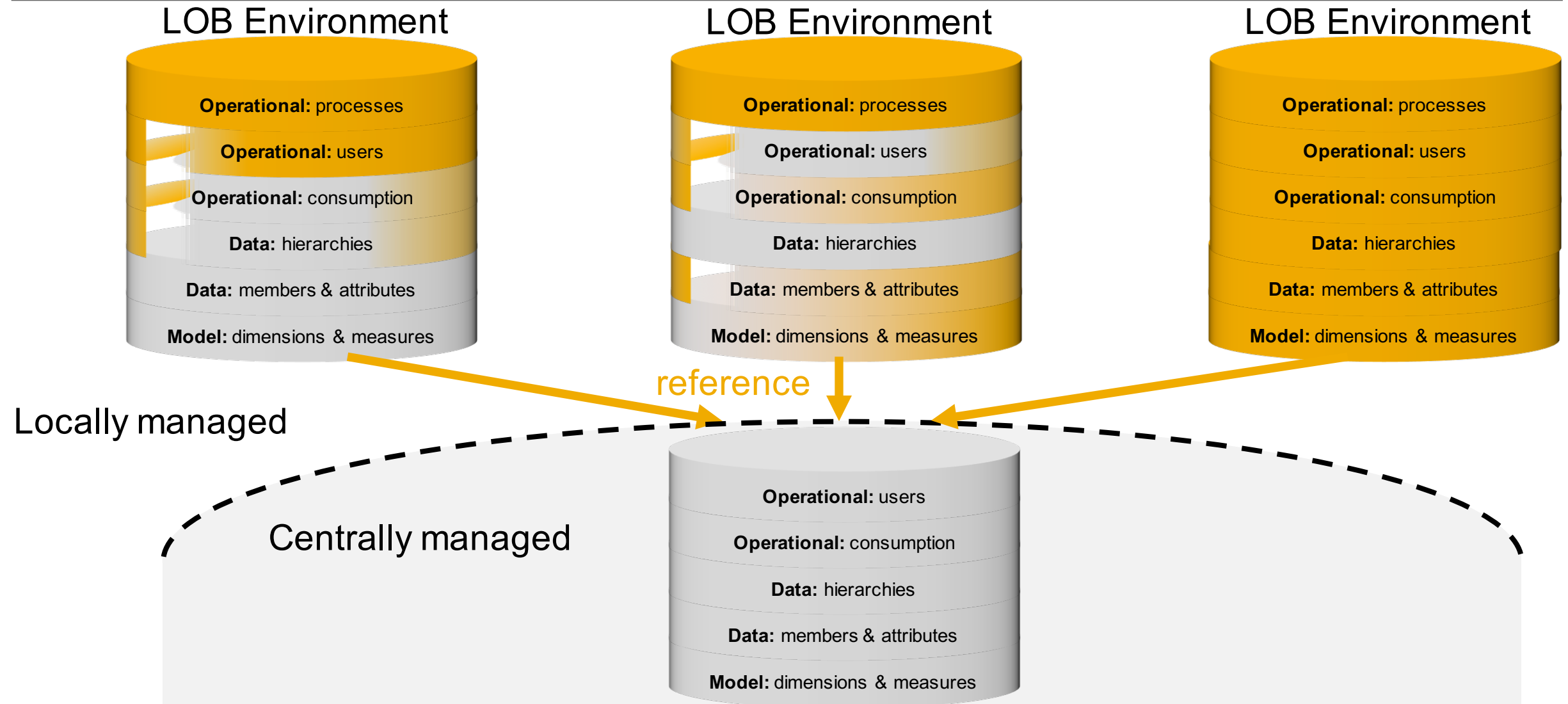
Business Process Flows (BPF)



LOB spaces extend the EDW



LOB spaces extend the EDW

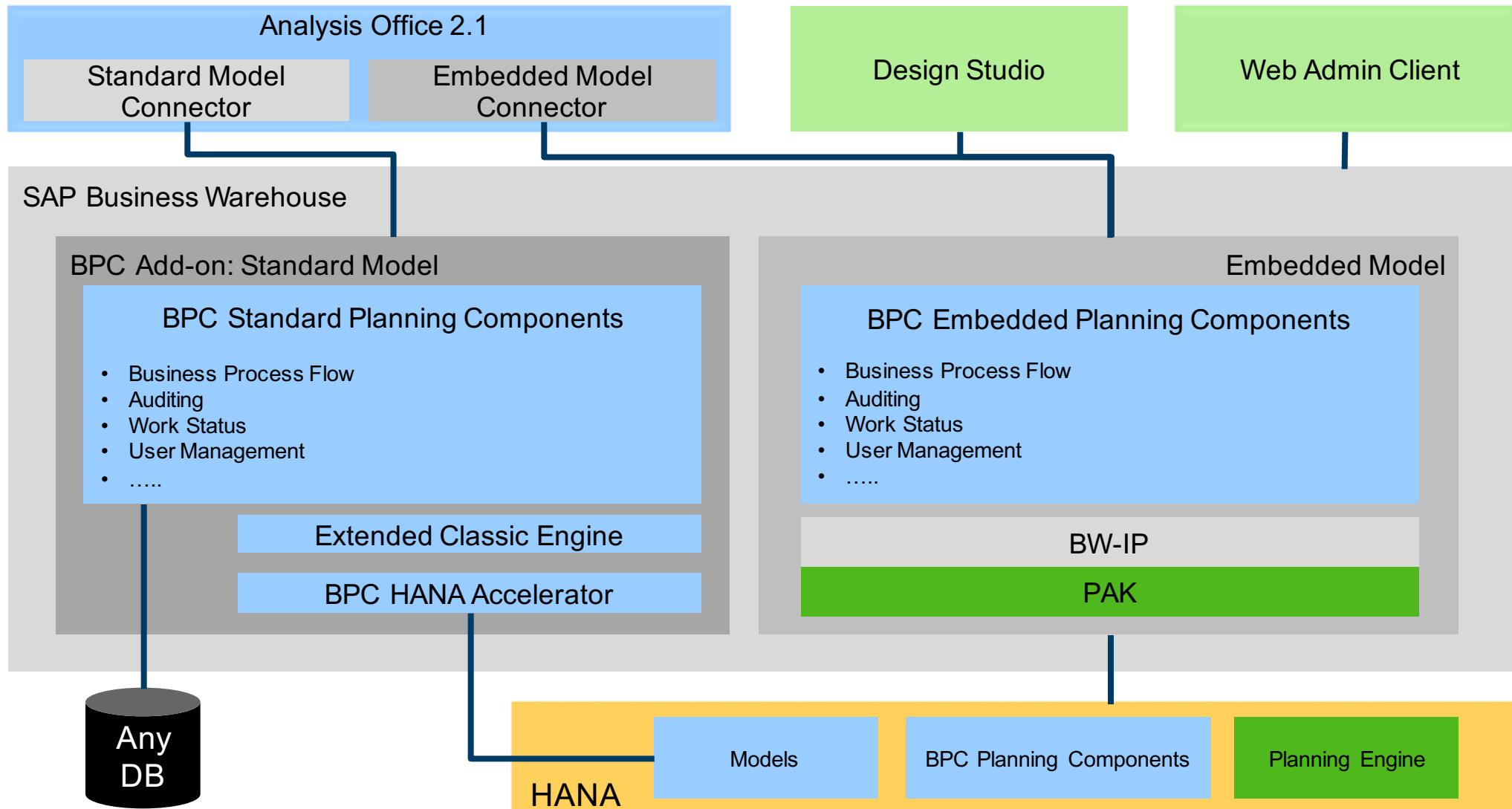




Architecture

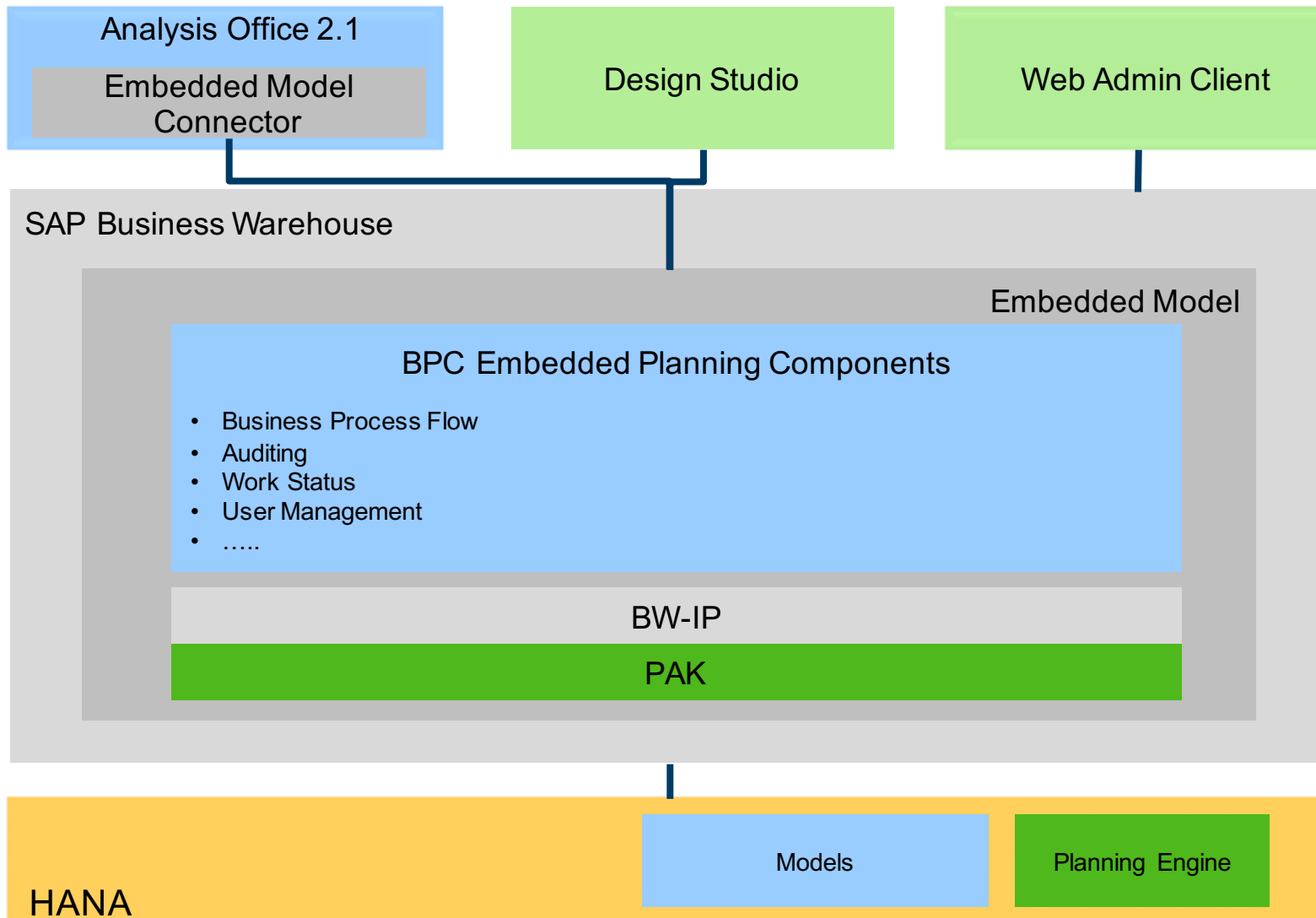
SAP BPC 10.1 NW

Architecture overview - Add-On installed



SAP BPC 10.1 NW

Architecture overview – Add-On NOT installed





Roadmap

SAP Business Planning and Consolidation 10.1, version for SAP NetWeaver

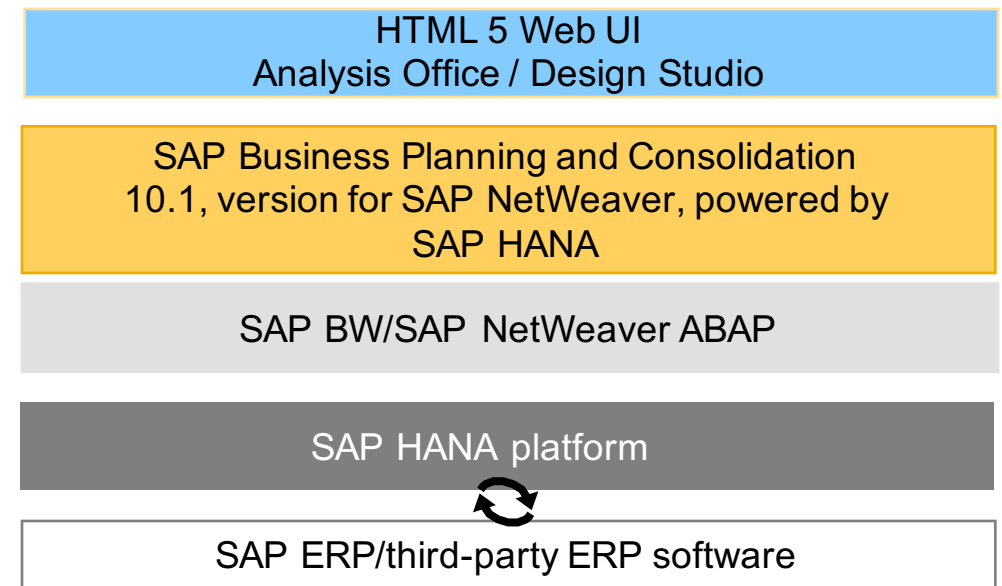
Deeply integrated and complete planning suite addressing the full spectrum of planning

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- Support for SAP Business Planning and Consolidation, version for SAP NetWeaver, and planning applications kit models
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Single planning solution on SAP BW powered by SAP HANA:

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- Enriched mobile experience with SAP EPM Unwired and HTML5



Planned innovations

SAP Business Planning and Consolidation, version for SAP NetWeaver

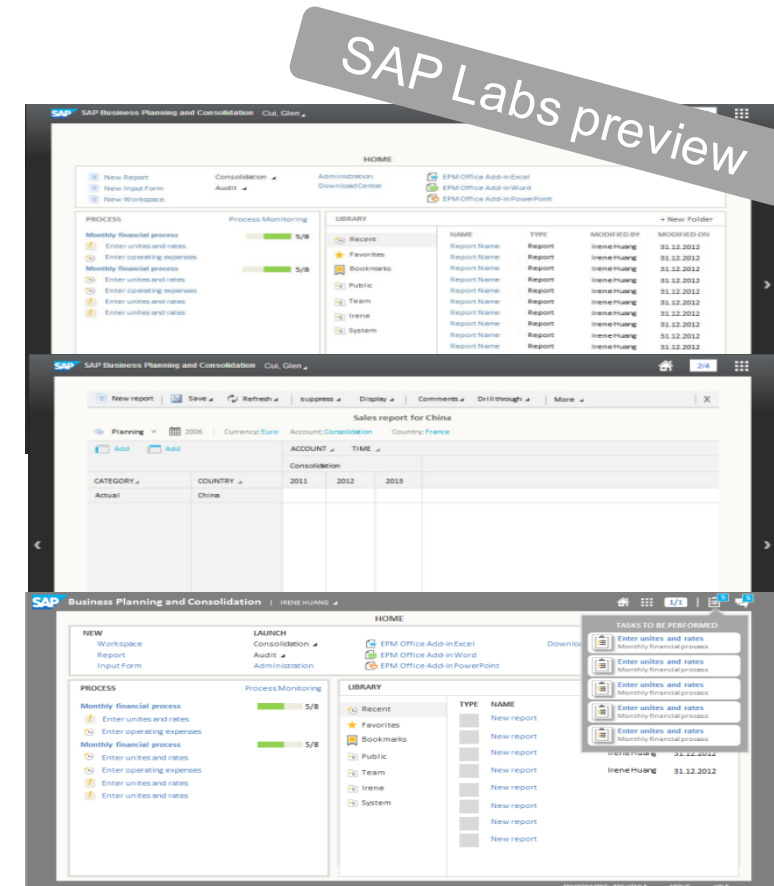
Scope

- Real-time consolidation
- End-2-end LoB Modeling
- Enhanced Journal
- Advanced Consolidation Monitor
- Advanced Incremental Consolidation
- Continuous Ux improvements
- Advanced Comment
- Integration with Predictive Analysis
- Integration with Design Studio
- Continuous office client converging

Key benefits

- With Consolidation on BPC embedded, customer can perform financial consolidation on real-time actual data from Simple Finance without data replication.
- Enable business users to easily define and execute their own planning scenario without(reduced) IT involvement.
- Improvement journal posting usability by providing multiple journal templates and journal validation.
- Allow customer to customize consolidation monitor by defining consolidation related tasks.
- Enhanced record based incremental consolidation to reduce financial closing cycle.
- Ux refinery for better usability and performance on BPC HTML5 web client.
- Full commentary capability helping on complex planning processes.
- Provide easy to use predictive capability by using HANA PAL for more accurate planning.
- Easily build and deploy mobile-enabled analytical applications, leverage existing investments

Planned innovations



SAP Business Planning and Consolidation, version for SAP NetWeaver

Product road map overview - key themes and capabilities

Embedded Model

- Integration Workspace Query Designer
- Local Dimensions, Local Hierarchies

Standard Model

- Optimized HANA integration

BPC 10.1 on NW 7.50

- BPC Add-On part of SAP BW software component
- Release shipped on 7.40 & 7.5
- Planning on aDSO objects

Q4 2015

Embedded Model

- Embedded Consolidation
 - Modelling
 - Business rules (no Equity Pick Up and US Elimination)
 - Ownership Manager (no ownership calculation)
 - Consolidation Monitor
 - JournalEnd-2-end LOB-modeling
 - Control
 - Incremental Consolidation
 - Parallelization Consolidation
 - BPF integration

- *InfoProvider extension*
- End-2-end LOB-Modelling

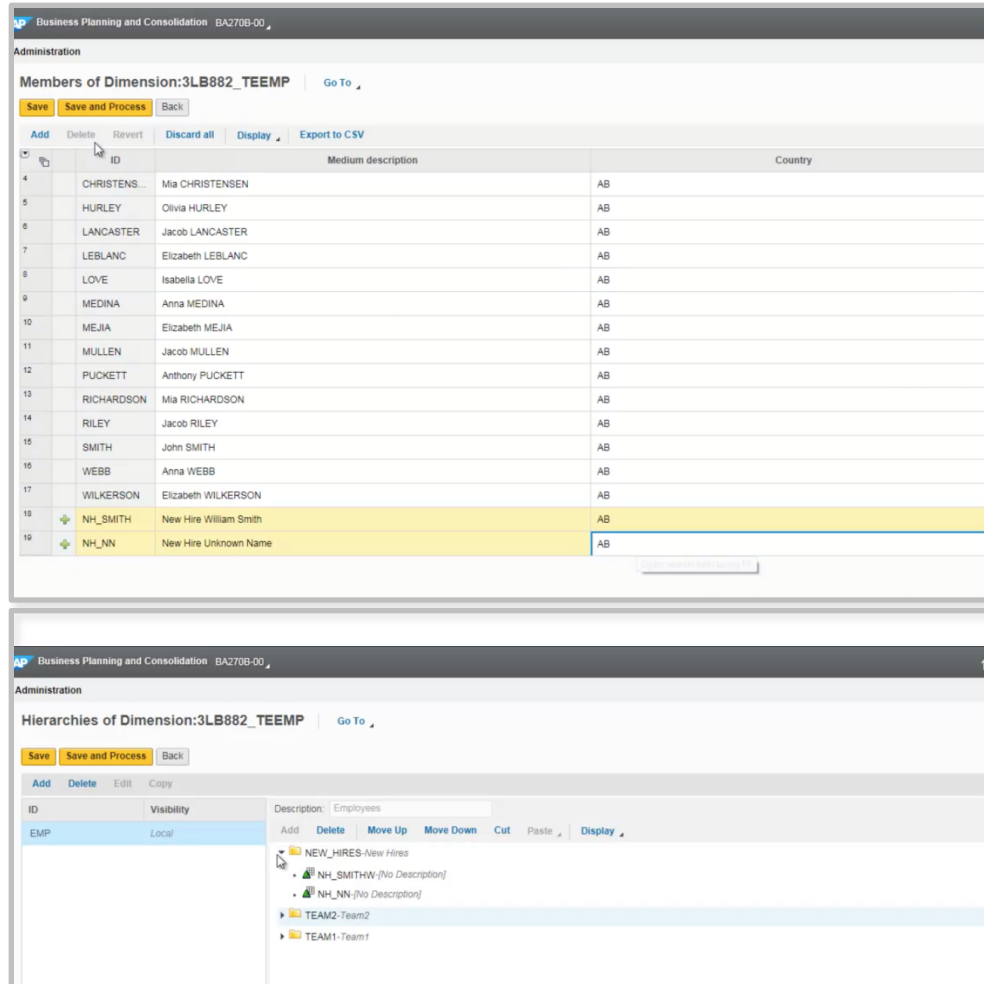
BPC 10.1 on NW 7.50

- Planning on aDSO objects – direct update

Q2 2016

Planned Innovations

NEW with SAP BPC 10.1 SP08 / SAP BW 7.4 SP13 – Embedded Model



Members of Dimension: 3LB882_TEMP

ID	Medium description	Country
4	CHRISTENS... Mia CHRISTENSEN	AB
5	HURLEY Olivia HURLEY	AB
6	LANCASTER Jacob LANCASTER	AB
7	LEBLANC Elizabeth LEBLANC	AB
8	LOVE Isabella LOVE	AB
9	MEDINA Anna MEDINA	AB
10	MEJIA Elizabeth MEJIA	AB
11	MULLEN Jacob MULLEN	AB
12	PUCKETT Anthony PUCKETT	AB
13	RICHARDSON Mia RICHARDSON	AB
14	RILEY Jacob RILEY	AB
15	SMITH John SMITH	AB
16	WEBB Anna WEBB	AB
17	WILKERSON Elizabeth WILKERSON	AB
18	NH_SMITH New Hire William Smith	AB
19	NH_NN New Hire Unknown Name	AB

Hierarchies of Dimension: 3LB882_TEMP

ID	Visibility	Description
EMP	Local	Employees
		NEW_HIRES-New Hires
		• NH_SMITHW-[No Description]
		• NH_NN-[No Description]
		TEAM2-Team2
		TEAM1-Team1

Embedded Consolidation

- Modelling
- Business rules (no Equity Pick Up and US Elimination)
- Ownership Manager (no ownership calculation)
- Consolidation Monitor
- JournalEnd-2-end LOB-modeling

Local Dimensions, Local Hierarchies

Integration Workspace Query Designer

Lab preview: Local Dimension; Local Hierarchies

SAP BPC 10.1, NW – Embedded Model

New with SAP BW 7.5 SP0

My Workspace: "Frank Workspace Classic"
Technical Name: FRANK

Local CompositeProviders Central Providers Local Providers Local Data Settings

Create Change Delete Display Data Inform User(s) Display Where-Used List

Description	Status	Changed by	Changed on
2Versuch	Active	Frank Klingl	09.05.2014
FrankForingo	Active	Frank Klingl	13.06.2014
IngoAustricksen	Active	Frank Klingl	05.08.2014
QUASICOPR	Active	Frank Klingl	05.08.2014
localCompositeProvider	Active	Frank Klingl	15.10.2014

Tabular Overview Queries Key Figures

CompositeProvider		Links	
CompositeProvider Field	Key Figure	Field from Provider Planning enabled LocalProvider for Composite	Field from Provider Actuals on Products
Currency Key		CURRENCY	Currency Key
Product		PRODUCT	Product
Amount	Yes	LOCKEY	Amount

BPC Add-On as part of SAP BW 7.5 software component

- For BPC Standard model no additional Add-On installation mandatory

BW Workspace Query Designer planning enabled

Lab preview: Workspace Query Designer

SAP BW Integrated Planning / PAK Improvements

New with SAP BW 7.5 SP0



Improved FOX Formula handling

- Enable InfoObjects as reference data
- Use DataStore Objects which are not planning enabled as reference data
- Explicit reference data selection
- New concept of modularization by defining FORM statements *

Advanced DataStore Objects planning enabled**

- Contrary to the cube to an InfoProvider
 - No “yellow” request
 - No Navigational attributes are present at aDSO level
 - Flexibility: Enhanced InfoObject Support



NEW Excel Client Strategy

Strategy – Planning@SAP and Clients in MS Office

Unified Planning

BPC Embedded Model

Combines traditional BW integrated planning with flexible LOB scenarios

Unified Excel Client

Coexistence of Analysis and EPM sheets

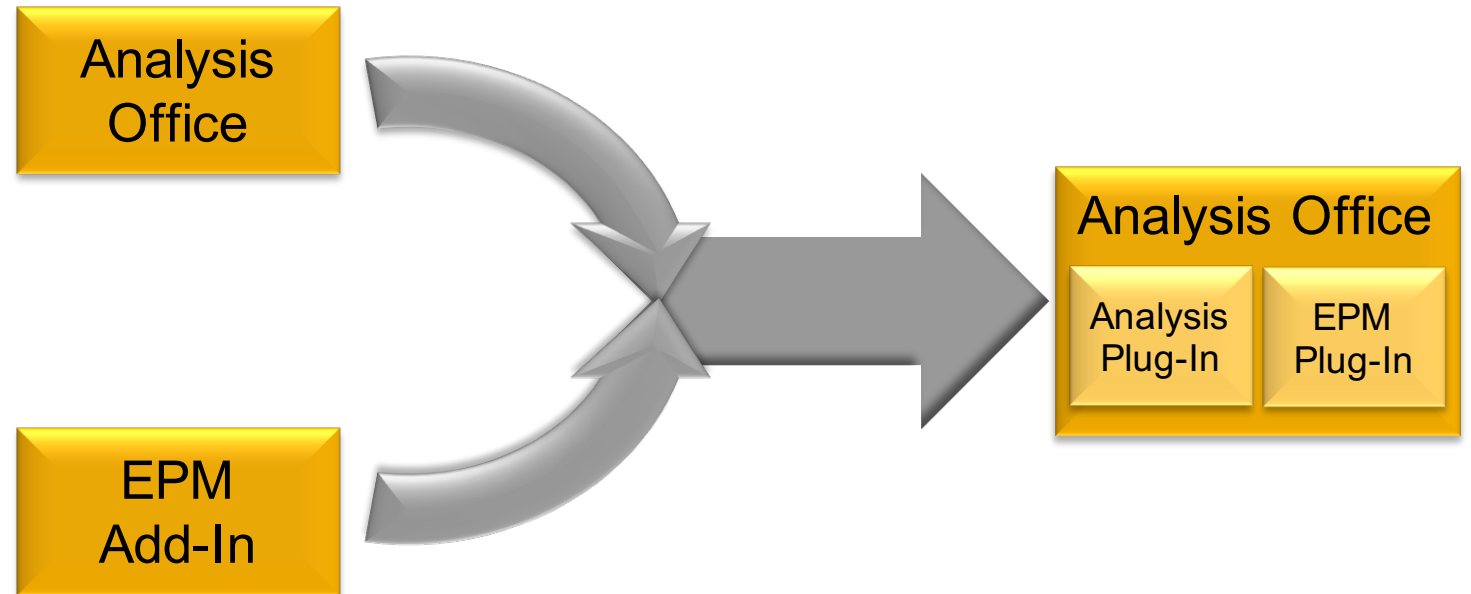
Superset of Analysis Office and EPM Add-In

Common Installer, single license

Protected investments: Re-use existing content

Separate ribbon tabs

Gradual convergence: e.g. common refresh



Upgrade Path

Analysis Office 2.1 is new go-to release

Replaces both EPM and Analysis clients

New features will only be delivered in new release

Limitations for EPM customers in Analysis Office 2.1

No Word Support

No support for EVDRE formulas (already deprecated in EPM 10.0)

No support for EPM extensions

Small migration effort for VBA leveraging EPM API:

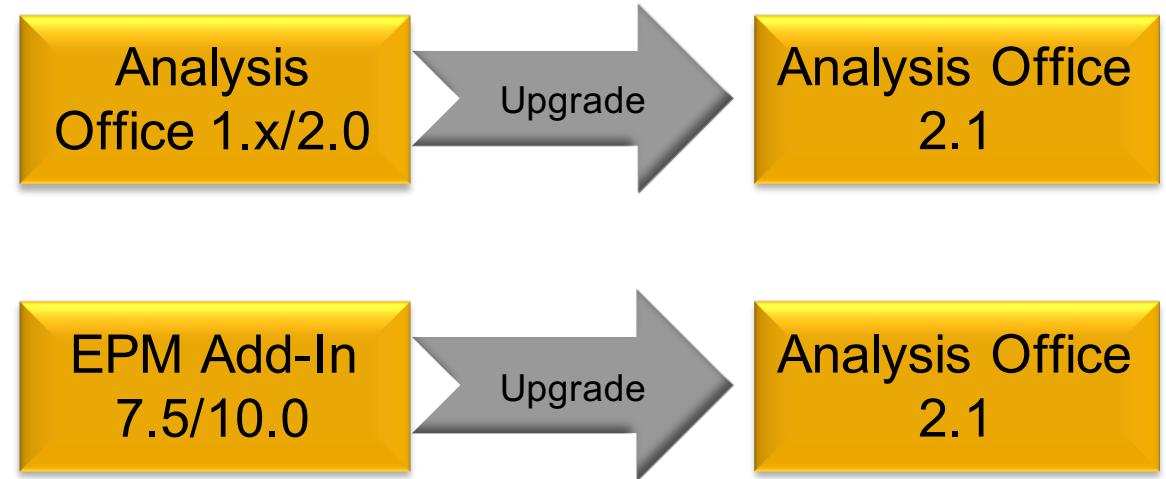
EPM 10 Add-In

```
Dim addin As Object
Set addin =
Application.COMAddIns("FPMXLClient.Connect").Object
```

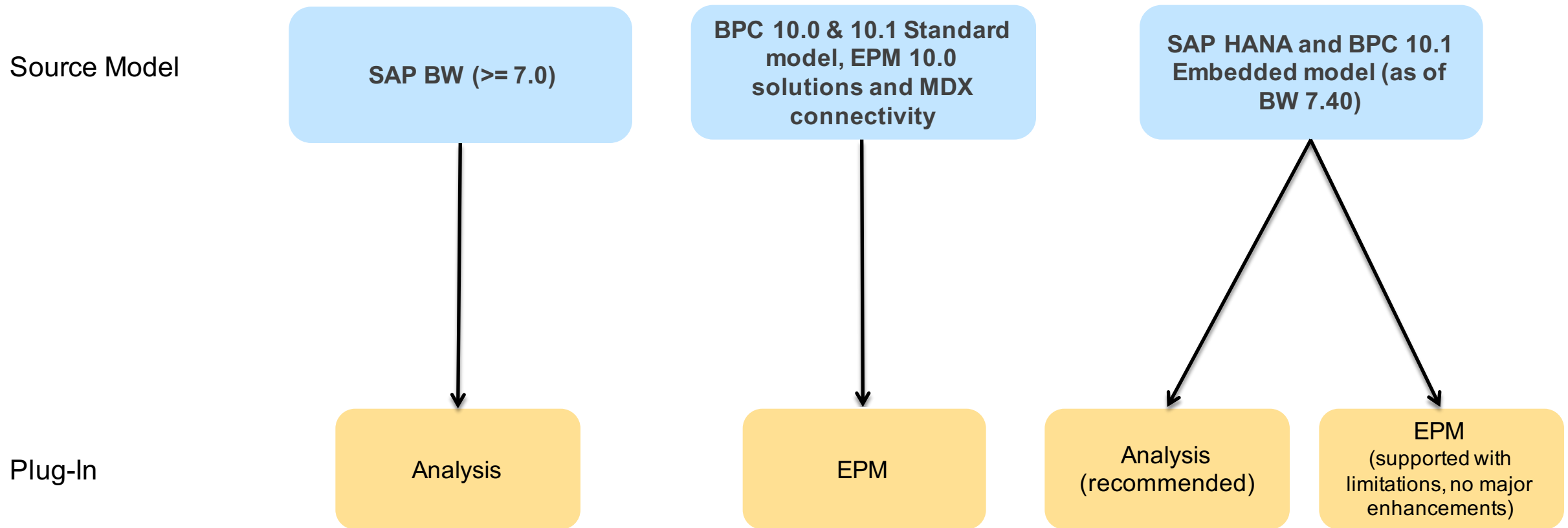
EPM plug-in in Analysis Office 2.1

```
Dim addin as Object
Dim epm as Object
Set addin = Application.COMAddIns("SapExcelAddIn").Object
addin.ActivatePlugin("com.sap.epm.FPMXLClient");

Set epm = addin.GetPlugin("com.sap.epm.FPMXLClient")
```



Which Plug-In should I use within Analysis Office 2.1?



Converged Office Client Details

Scenario

- Use both add-ins in the same workbook
- Use common installer and same lifecycle management

Features

- Sheet type
- Quick ribbon
- Dynamic task pane
- Refresh all

	A	B	C	D	E	F
1			Incoming orders value	Billing value	Returns value	Credit memo value
2	Sold-to party		EUR	EUR	EUR	EUR
3	1000	Adecom SA	80.703.040,00	79.624.800,00	724.160,00	340.480,00
4	1001	Becker AG	127.694.473,92	124.436.116,16	1.213.965,84	606.958,88
5	1050	Becker Berlin	66.614.136,18	63.980.453,54	5.031.028,32	3.067.651,76
6	1300	Booktree Inc.	55.078.920,00	50.742.072,00	7.192.944,00	7.192.944,00
7	1370	Bush Distribution	179.469.560,00	174.238.000,00	15.669.680,00	6.277.680,00
8	1500	Carbor GmbH	60.002.297,20	57.716.628,16	2.789.588,48	1.996.057,60
9	1650	Christal Clear	44.248.648,00	37.466.488,00	977.856,00	782.144,00
10	2000	COMPU Tech. AG	45.735.360,00	44.959.200,00	3.748.800,00	3.009.600,00
11	2100	Computer 3000	44.056.480,00	41.115.000,00	6.240.000,00	3.120.000,00
12	2210	DelBont Industries	77.645.053,28	74.404.838,08	7.902.889,20	4.170.910,32
13	2500	Electro Engines Detr	8.133.280,00	7.999.960,00	800.000,00	533.340,00
14	3000	Henderson Inc.	69.889.600,00	68.995.840,00	1.702.400,00	1.276.800,00
15	3010	Hever Industrial UK	31.115.888,00	30.168.288,00	2.024.000,00	1.214.400,00

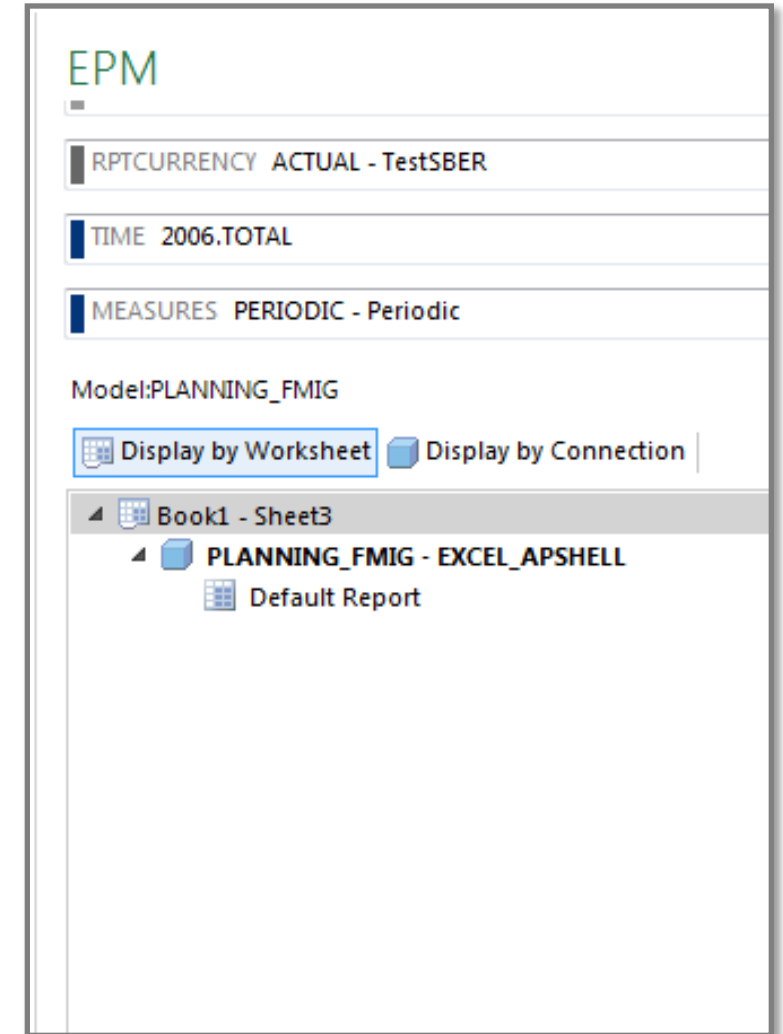
Converged Office Client Sheet Type

Scenario

- Analysis and EPM content can co-exist side-by-side in different sheets
- One sheet has exactly one sheet type
 - EPM
 - Analysis
 - Non-COF
 - neutral

Features

- The system automatically detects Analysis or EPM content and assigns the type respectively
- If you delete all data sources on a sheet, you can reset the sheet type
- Use „non-COF“ if Analysis Office should not check this sheet (for performance reasons)



Converged Analysis Office and EPM Add-In Details

Quick Ribbon

- Load of add-in is delayed until you really use Analysis or EPM functionality
- Performance improvement for start of Excel and for working with non-SAP Excel sheets

Dynamic Task Pane

- Only single task pane either for Analysis or EPM
- Intuitive handling – Task pane dynamically switches (if necessary) when you switch the sheets

Refresh All

- Button „Refresh All“ refreshes Analysis and EPM content
 - Note: only EPM content that is already connected is refreshed (and ALL Analysis content is refreshed)



SAP Business Planning and Consolidation 10.1 SP6

Agenda

- Change Distribution (break-back) method on web report
- Short comment on web report
- Excel Client : Continuous Improvement for Embedded Model

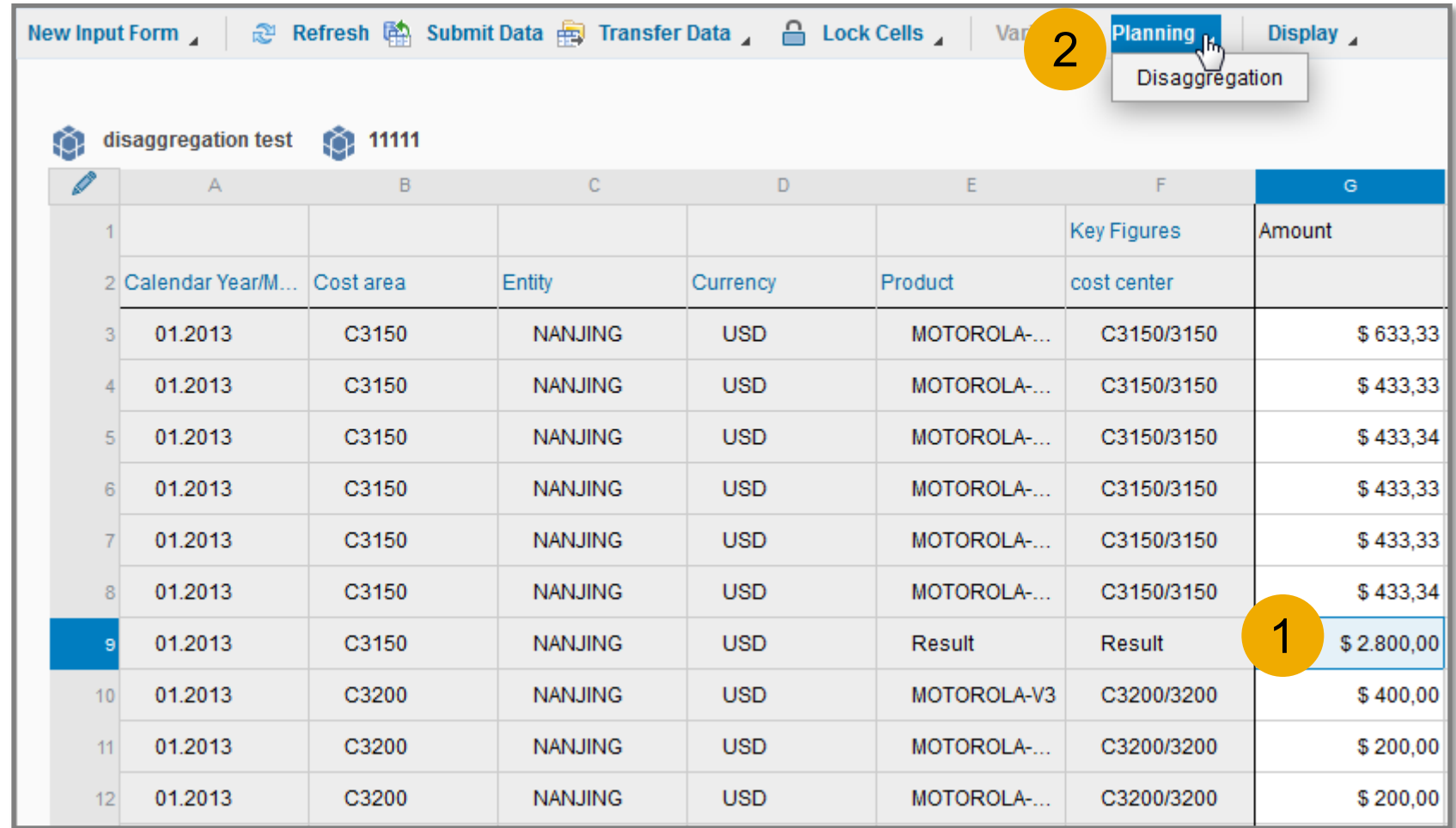
Agenda

- Change Distribution (break-back) method on web report
- Short comment on web report
- Excel Client : Continuous Improvement for Embedded Model

Change Distribution (break-back) method on web report

How to view/change distribution method

1. Select a cell on which you want to view/change the existing disaggregation method
2. Click Planning menu and Disaggregation sub-menu



The screenshot shows the SAP web report interface. At the top, there is a toolbar with buttons: 'New Input Form', 'Refresh', 'Submit Data', 'Transfer Data', 'Lock Cells', and 'Var'. To the right of these buttons is a yellow circle with the number '2' and a dropdown menu with 'Planning' (selected) and 'Disaggregation'. Below the toolbar, the report title 'disaggregation test' and a cube icon with '11111' are visible. The main area is a table with columns A through G. The table has 12 rows. The first row is a header with 'Key Figures' and 'Amount'. The second row is a sub-header with 'Calendar Year/M...', 'Cost area', 'Entity', 'Currency', 'Product', 'cost center', and an empty 'Amount' column. The following rows contain data. The 9th row is highlighted with a blue background and has a yellow circle with the number '1' next to it. The 9th row's 'Amount' is '\$ 2.800,00'.

	A	B	C	D	E	F	G
1						Key Figures	Amount
2	Calendar Year/M...	Cost area	Entity	Currency	Product	cost center	
3	01.2013	C3150	NANJING	USD	MOTOROLA-...	C3150/3150	\$ 633,33
4	01.2013	C3150	NANJING	USD	MOTOROLA-...	C3150/3150	\$ 433,33
5	01.2013	C3150	NANJING	USD	MOTOROLA-...	C3150/3150	\$ 433,34
6	01.2013	C3150	NANJING	USD	MOTOROLA-...	C3150/3150	\$ 433,33
7	01.2013	C3150	NANJING	USD	MOTOROLA-...	C3150/3150	\$ 433,33
8	01.2013	C3150	NANJING	USD	MOTOROLA-...	C3150/3150	\$ 433,34
9	01.2013	C3150	NANJING	USD	Result	Result	\$ 2.800,00
10	01.2013	C3200	NANJING	USD	MOTOROLA-V3	C3200/3200	\$ 400,00
11	01.2013	C3200	NANJING	USD	MOTOROLA-...	C3200/3200	\$ 200,00
12	01.2013	C3200	NANJING	USD	MOTOROLA-...	C3200/3200	\$ 200,00

Change Distribution (break-back) method on web report

For one structural report (key figure only)

	A	B	C	D	E	F	G
1						Key Figures	Amount
2	Calendar Year/M...	Cost area	Entity	Currency	Product	cost center	
3	01.2013	C3150	NANJING	USD	MOTOROLA-...	C3150/3150	\$ 633,33
4	01.2013	C3150	NANJING	USD	MOTOROLA-...	C3150/3150	\$ 433,33
5	01.2013	C3150	NANJING	USD	MOTOROLA-...	C3150/3150	\$ 433,34
6	01.2013	C3150	NANJING	USD	MOTOROLA-...	C3150/3150	\$ 433,33
7	01.2013	C3150	NANJING	USD	MOTOROLA-...	C3150/3150	\$ 433,33
8	01.2013	C3150	NANJING	USD	MOTOROLA-...	C3150/3150	\$ 433,34
9	01.2013	C3150	NANJING	USD	Result	Result	\$ 2.800,00

3. Click ok, the change applies to the entire column.

Then you can change the data in any cell in the column, and it will break back according to new distribution method.

3

Planning On Total

Type of Distribution

☐ Equal Distribution

☒ Analog Distribute(Self-Reference)

☐ Analog Distribute(With Reference to Following Structure Element)

[5I3Y6060H25LTY2M4Q5VMV7NQ] Quantity

The change will apply to all cells of key figure Quantity in the report.

OK

Cancel

Change Distribution (break-back) method on web report

For two structural reports (key figure + structure)

	A	B	C	M	N	O
1				Key Figures	Amount	Quantity
2	Struct.	Account	User group	Version	Unit of measure	
3	10	489000	DEV	1	BQ	
4	10	489000	DEV	1	BQ	
5	10	400001	DEV	1	BQ	
6	20	489000	DEV	1	BQ	\$ 430,00 1 BQ
7	20	489000	DEV	1	BQ	\$ 430,00 1 BQ
8	20	400001	DEV	1	BQ	\$ 430,00 1 BQ

3. Click ok, the change applies to the entire column.

Notice, we don't support changing disaggregation method on the combination of key figure and structure level, but always on column (key figure) level.

3

Planning On Total [X]

Type of Distribution

☐ Equal Distribution

☒ Analog Distribute(Self-Reference)

☐ Analog Distribute(With Reference to Following Structure Element)

[5I3Y6060H25K3MHY9Z1MTNNSR] Amount

⚠ The cells of key figure Amount in the report may have different distribution settings. Our new setting will overwrite them all.

OK Cancel

Agenda

- Change Distribution (break-back) method on web report
- **Short comment on web report**
- Excel Client : Continuous Improvement for Embedded Model

Short comment on web report

How to use short comment

- Enable short comment from BW and Query Designer
- Open the input-ready query
- Change the comment text
- Transfer data
- Submit data

New Input Form | Refresh | Submit Data | Transfer Data | Lock Cells | Variables

Comments query1 11111

Comment columns

	A	B	C	D	E
1		Key Figures	Amount	Comment chara...	Comment2
2	Account	ZENTITY sd			
3	400001	SHANGHAI	\$ 360,00	SH	main focus region
4	400001	Result	\$ 360,00	SH	main focus region
5	400002	NANJING	\$ 2,00	SH	small market
6	400002	XIAN	\$ 180,00	SH	less than last year
7	400002	Result	\$ 182,00	SH	
8	403000	NANJING	\$ 140,00	XZ	
9	403000	Result	\$ 140,00	XZ	
10	yuik	CHENGDU	\$ 200,00	SH	same as last year
11	yuik	Result	\$ 200,00	SH	same as last year
12	Result	Result	\$ 882,00		

Short comment on web report

How to enable short comment

- Create comment characteristic
- Create DataStore Object, add comment characteristic as data field and set it as Key Figure
- Add DSO to Multiprovider, and transfer the comment characteristic to Key Figures of Multiprovider
- Transfer the comment characteristic from Multiprovider Key Figures to Aggregation Level Key Figures
- Adjust Query
- Use comment in BPC reporting client

Read through the how-to guide here: <http://scn.sap.com/docs/DOC-59001>

Short comment on web report

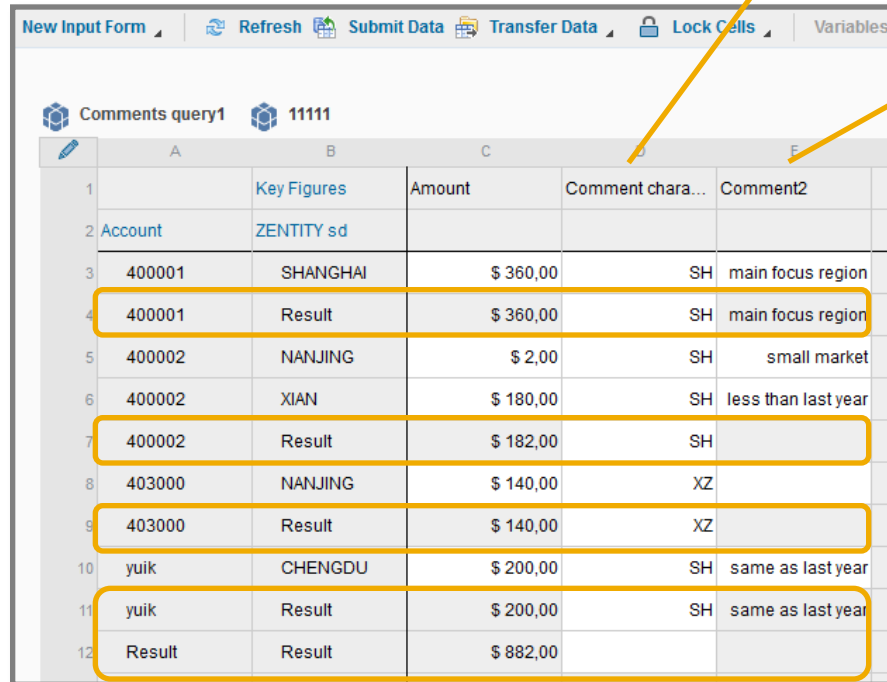
Limitations

- Up to 250 characters
- Comment is writable in input forms, but read-only in web reports
- No comment history
- No prompt (value help) for Characteristic with Master Data
- Comment on totals overwrites comments of the children (Disaggregation Copy)

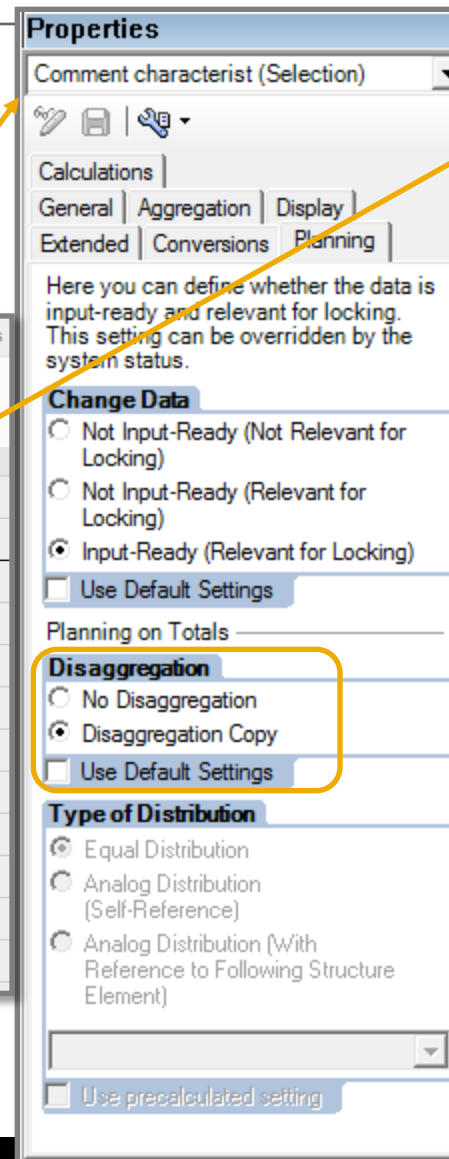
Short comment on web report

Comment on totals

Enabled in Query Designer by Disaggregation ON/OFF.



	A	B	C	D	E
1		Key Figures	Amount	Comment chara...	Comment2
2	Account	ZENTITY sd			
3	400001	SHANGHAI	\$ 360,00	SH	main focus region
4	400001	Result	\$ 360,00	SH	main focus region
5	400002	NANJING	\$ 2,00	SH	small market
6	400002	XIAN	\$ 180,00	SH	less than last year
7	400002	Result	\$ 182,00	SH	
8	403000	NANJING	\$ 140,00	XZ	
9	403000	Result	\$ 140,00	XZ	
10	yuik	CHENGDU	\$ 200,00	SH	same as last year
11	yuik	Result	\$ 200,00	SH	same as last year
12	Result	Result	\$ 882,00		



Properties

Comment characterist (Selection)

Calculations | General | Aggregation | Display | Extended | Conversions | Planning

Here you can define whether the data is input-ready and relevant for locking. This setting can be overridden by the system status.

Change Data

☐ Not Input-Ready (Not Relevant for Locking)

☐ Not Input-Ready (Relevant for Locking)

☒ Input-Ready (Relevant for Locking)

☐ Use Default Settings

Planning on Totals

Disaggregation

☐ No Disaggregation

☒ Disaggregation Copy

☐ Use Default Settings

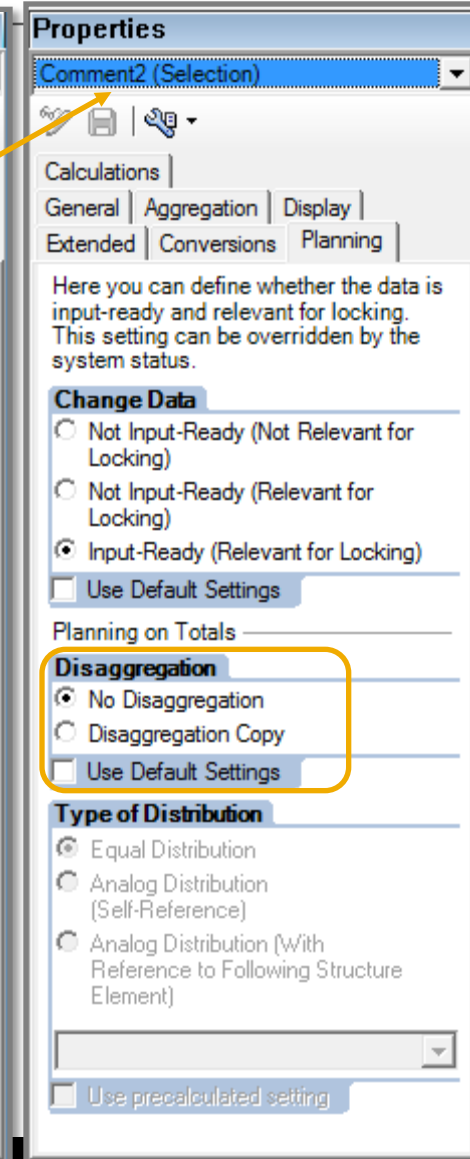
Type of Distribution

☒ Equal Distribution

☐ Analog Distribution (Self-Reference)

☐ Analog Distribution (With Reference to Following Structure Element)

☐ Use precalculated setting



Properties

Comment2 (Selection)

Calculations | General | Aggregation | Display | Extended | Conversions | Planning

Here you can define whether the data is input-ready and relevant for locking. This setting can be overridden by the system status.

Change Data

☐ Not Input-Ready (Not Relevant for Locking)

☐ Not Input-Ready (Relevant for Locking)

☒ Input-Ready (Relevant for Locking)

☐ Use Default Settings

Planning on Totals

Disaggregation

☒ No Disaggregation

☐ Disaggregation Copy

☐ Use Default Settings

Type of Distribution

☒ Equal Distribution

☐ Analog Distribution (Self-Reference)

☐ Analog Distribution (With Reference to Following Structure Element)

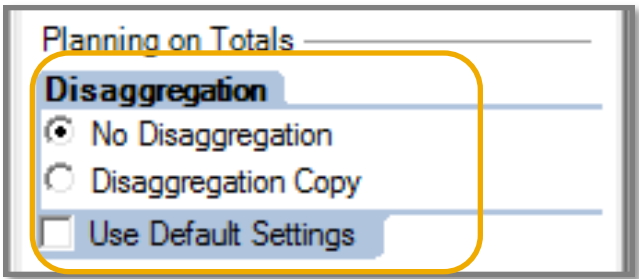
☐ Use precalculated setting

Short comment on web report

When you add comment to totals

Before you add comment to totals, each child has its own comment.

After you add comment to totals, the comment overwrites the comments of all children due to the disaggregation method “Copy”.



1

5	400002	NANJING	\$ 2,00	nanjing
6	400002	XIAN	\$ 180,00	xian
7	400002	Result	\$ 182,00	

2

5	400002	NANJING	\$ 2,00	nanjing
6	400002	XIAN	\$ 180,00	xian
7	400002	Result	\$ 182,00	total

3

5	400002	NANJING	\$ 2,00	total
6	400002	XIAN	\$ 180,00	total
7	400002	Result	\$ 182,00	total

Agenda

- Change Distribution (break-back) method on web report
- Short comment on web report
- **Excel Client : Continuous Improvement for Embedded Model**

EPM Add in : Continuous Improvement for Embedded Model

Insert New Lines

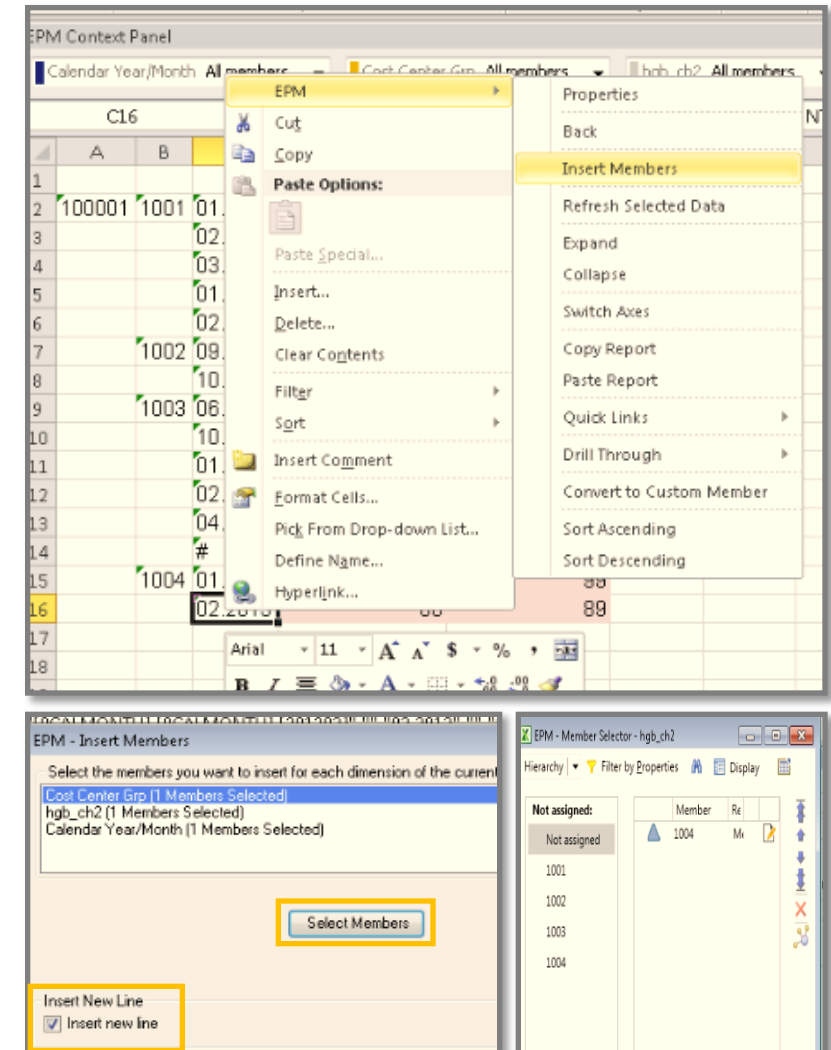
Details – 1 –

Scenario

- Allow the end user to add new combination of members (unposted) in a report and plan on it.

Feature

- Insert member menu:** using context menu, from the header of a row
- Select **Insert new line** check box
- Use **Member selector** & select a new member for each nested dimension from the row



EPM Add in : Continuous Improvement for Embedded Model

Insert New Lines

Details – 2 –

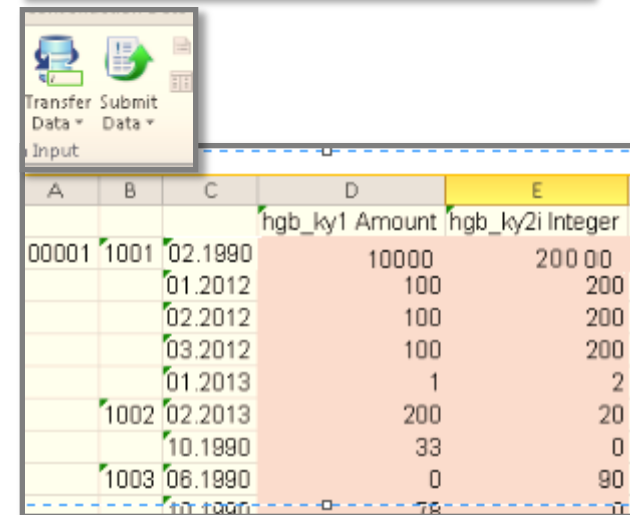
Scenario

- As result, new members are part of the report with entered values
- The user can plan data, simulate, save it

Feature

- A **new row** is added in at the bottom of the report.
- Dynamic formatting is applied as „inputable cells“ by default.
- Transfer action will replace the member in the report following his code/ hierarchy positioning

A	B	C	D	E
			hgb_ky1 Amount	hgb_ky2i Integer
00001	1001	01.2012	100	200
		02.2012	100	200
		03.2012	100	200
		01.2013	1	2
		02.2013	200	20
	1002	08.1990	55	22
		10.1990	33	0
	1003	06.1990	0	90
		10.1990	78	0
		01.2013	56	151
		02.2013	42	23
		04.2013	45	45
		#	30	0
	1004	01.1990	22	99
		02.2013	66	88
		02.1990	10000	20000



The screenshot shows a 'Transfer' dialog box with 'Transfer Data' and 'Submit Data' buttons. Below it, a table displays the updated data after the transfer action. The table has columns A, B, C, D, and E. The data is as follows:

A	B	C	D	E
			hgb_ky1 Amount	hgb_ky2i Integer
00001	1001	02.1990	10000	200 00
		01.2012	100	200
		02.2012	100	200
		03.2012	100	200
		01.2013	1	2
	1002	02.2013	200	20
		10.1990	33	0
	1003	06.1990	0	90
		10.1990	78	0

EPM Add in : Continuous Improvement for Embedded Model Planning Functions Improvements

Details – 3 –

Scenario

- Allow the end user to use existing filters as parameters for planning functions

Features

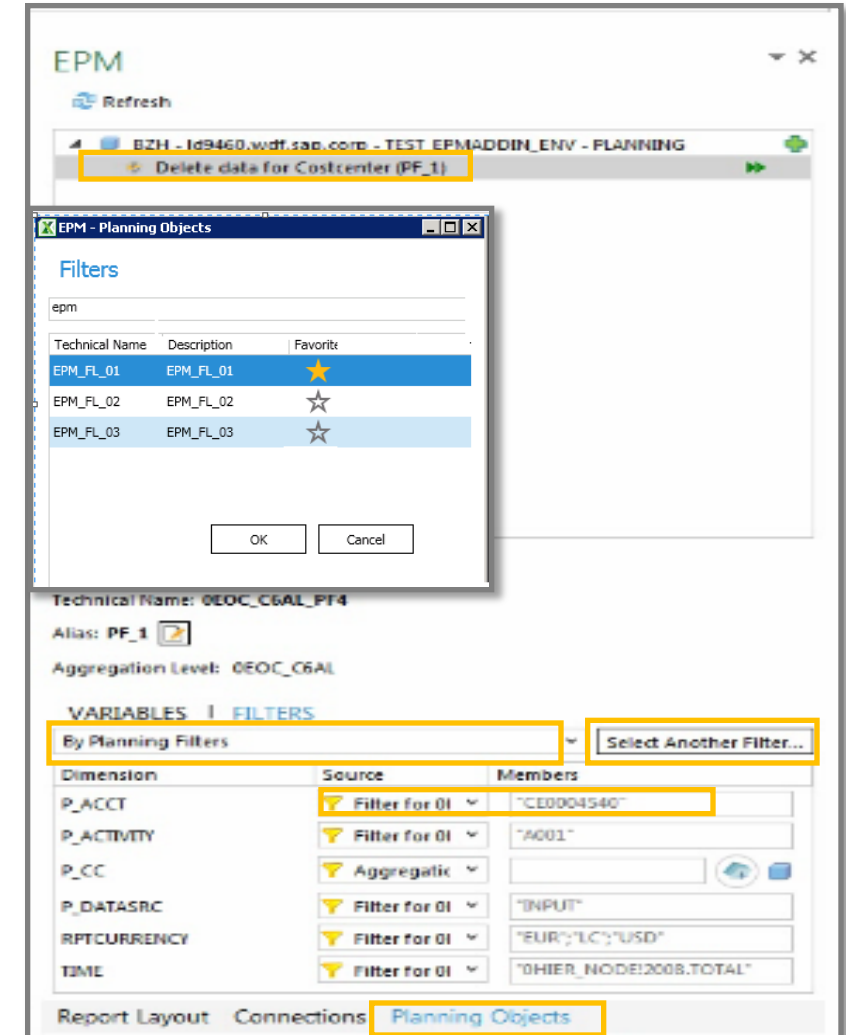
- **Planning Object tab**
- Select **Planning function** and **filters**

Please note current limitation:

However, if the BW filter contains variables, the user will not be able to set them in the EPM add in (default values should be used instead).

But if the planning function contains variable, is still supported on the tab variable as before. The user is able to select to the aggregation level mode for each dimension instead of the filter if he want more flexibility.

Note that when the BW filter is selected the dimension member cannot be changed and greyed out as it's linked to the filter definition.





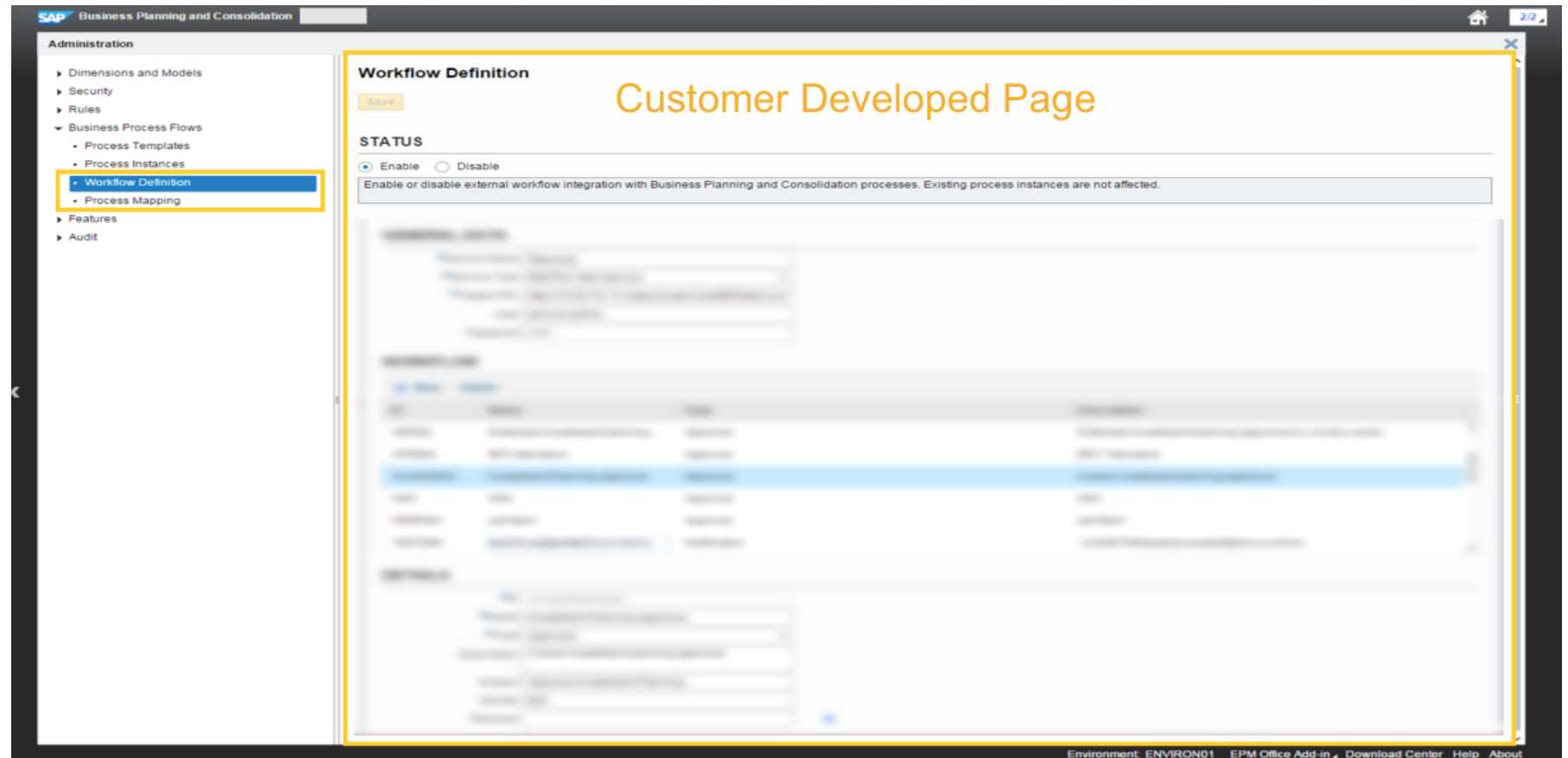
SAP Business Planning and Consolidation 10.1 SP7

Customer specific Web UI extensions

Customer can add new pages in Administration UI, and can add entrance in the navigation tree view of Administration UI.

We recommend customer to develop the web page with JavaScript based on UI5 library

Also security should be considered so that only authorized user can access the customized page



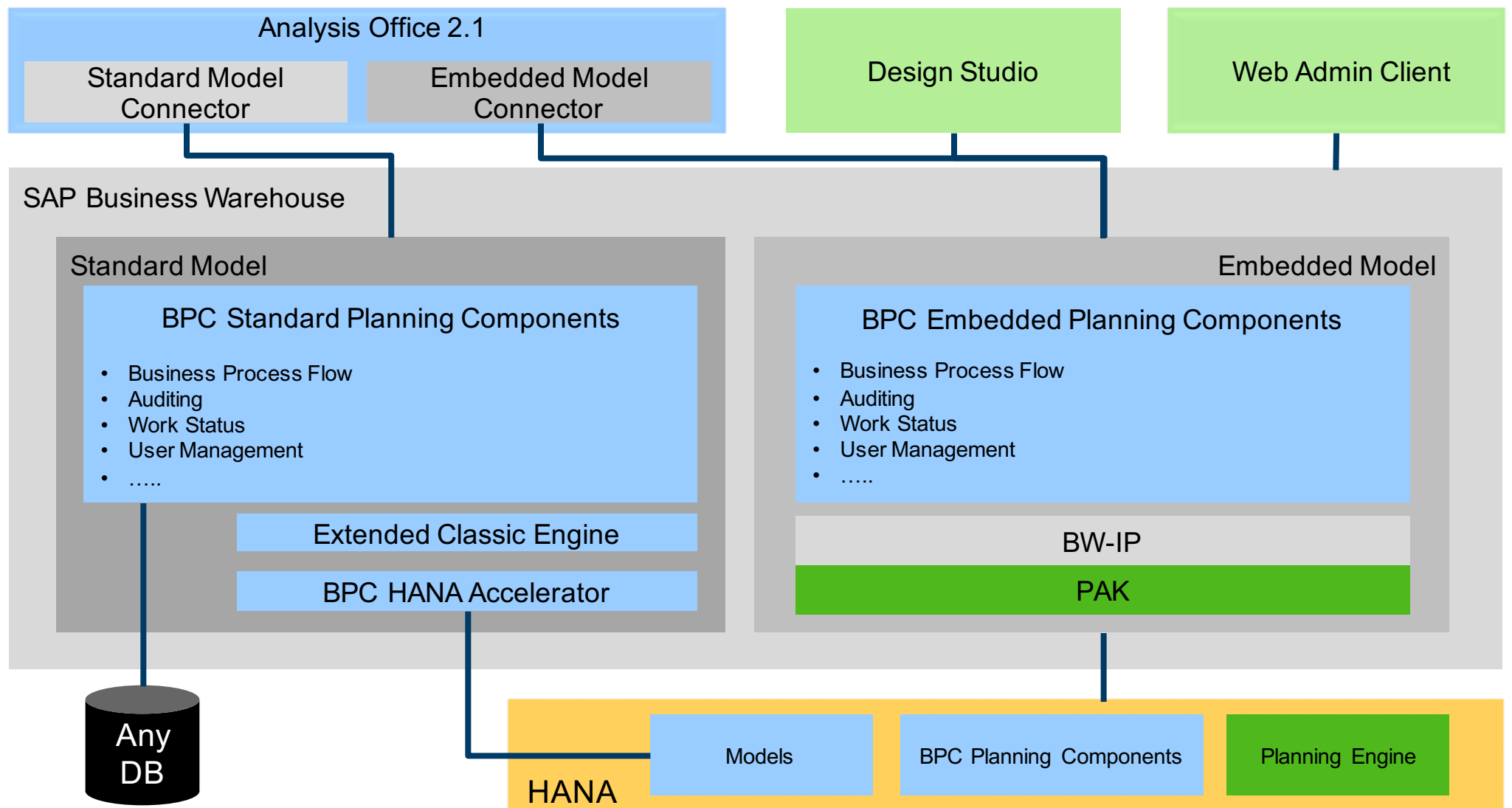


SAP Business Planning and Consolidation 10.1 as part of SAP BW 7.50

SAP BPC 10.1 SP7 / BW 7.50 SP0

Architecture overview

BPC Embedded Model & Standard Model as part of the BW 7.50 SP0 deployment



SAP BPC 10.1, NW – Embedded Model

New with SAP BW 7.5 SP0

My Workspace: "Frank Workspace Classic"
Technical Name: FRANK

Local CompositeProviders Central Providers Local Providers Local Data Settings

Create Change Delete Display Data Inform User(s) Display Where-Used List

Description	Status	Changed by	Changed on
2Versuch	Active	Frank Klingl	09.05.2014
FrankForingo	Active	Frank Klingl	13.06.2014
IngoAustricksen	Active	Frank Klingl	05.08.2014
QUASICOPR	Active	Frank Klingl	05.08.2014
localCompositeProvider	Active	Frank Klingl	15.10.2014

Tabular Overview Queries Key Figures

CompositeProvider		Links	
CompositeProvider Field	Key Figure	Field from Provider Planning enabled LocalProvider for Composite	Field from Provider Actuals on Products
Currency Key		CURRENCY	Currency Key
Product		PRODUCT	Product
Amount	Yes	LOCKEY	Amount

BPC Add-On as part of SAP BW 7.5 software component

- For BPC Standard model no additional Add-On installation mandatory

BW Workspace Query Designer planning enabled

Lab preview: Workspace Query Designer

SAP BW Integrated Planning / PAK Improvements

New with SAP BW 7.5 SP0



Improved FOX Formula handling

- Enable InfoObjects as reference data
- Use DataStore Objects which are not planning enabled as reference data
- Explicit reference data selection
- New concept of modularization by defining FORM statements *

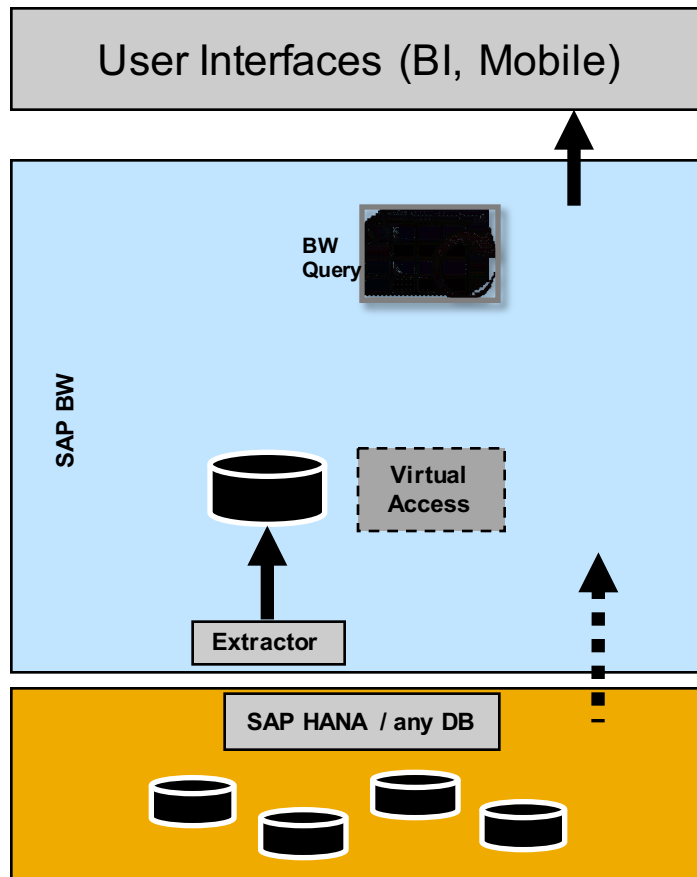
Advanced DataStore Objects planning enabled**

- Contrary to the cube to an InfoProvider
 - No “yellow” request
 - No Navigational attributes are present at aDSO level
 - Flexibility: Enhanced InfoObject Support

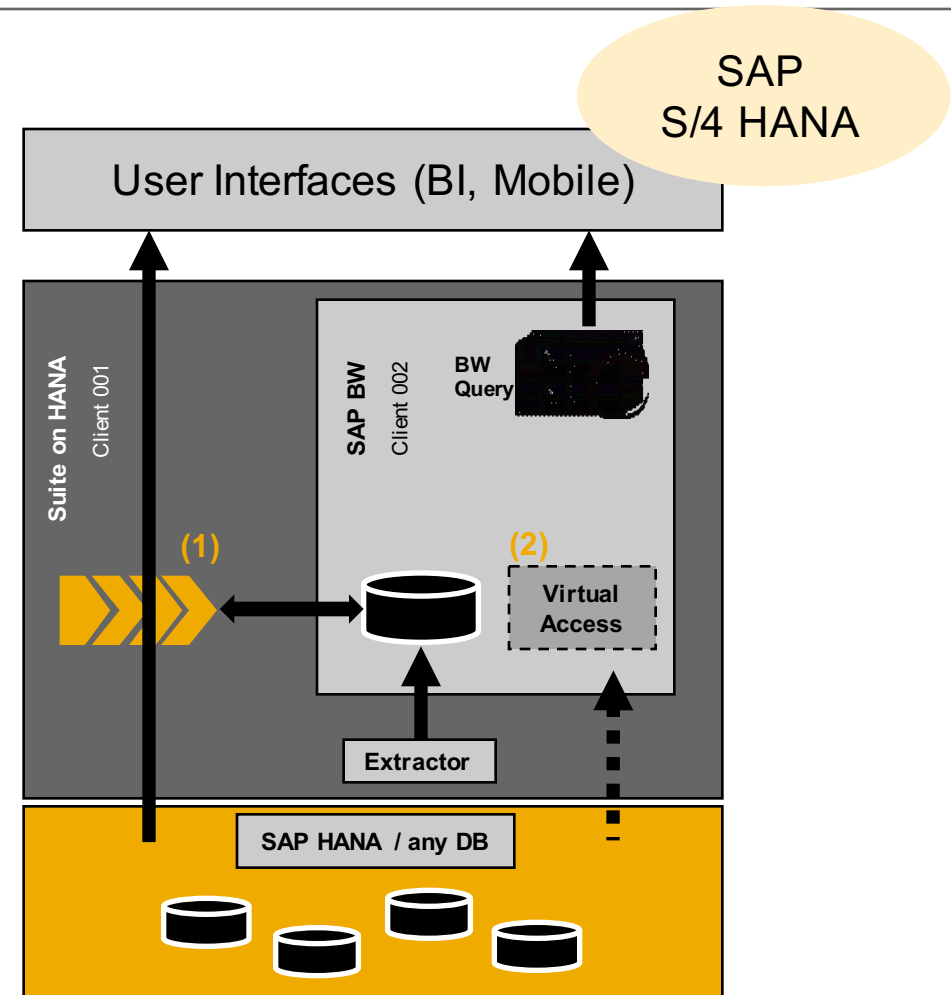


Integrated Planning Solutions

SAP Business Warehouse (Installation Options)



Stand-Alone BW



Embedded BW

Why use Integrated Business Planning for finance vs standard SAP Business Planning and Consolidation, version for SAP NetWeaver?

- Embedded within the SAP Business Suite on SAP HANA where the Simple Finance Add-on for Suite on HANA is being utilized.
- Delivered content including covering multiple ERP based planning scenarios
- Allows Companies using traditional financial planning within ERP to rapidly implement whilst protecting their existing investment.
- Supports direct real time access to ERP Master data and the FI-CO document tables.
- **Sweet Spot for IBP is ERP financials driven opportunities (Simple Finance) where the customer will have a significant portion of the data upon which they perform planning within the underlying Simple Finance (SAP ERP on HANA) system.**

Real Time Planning

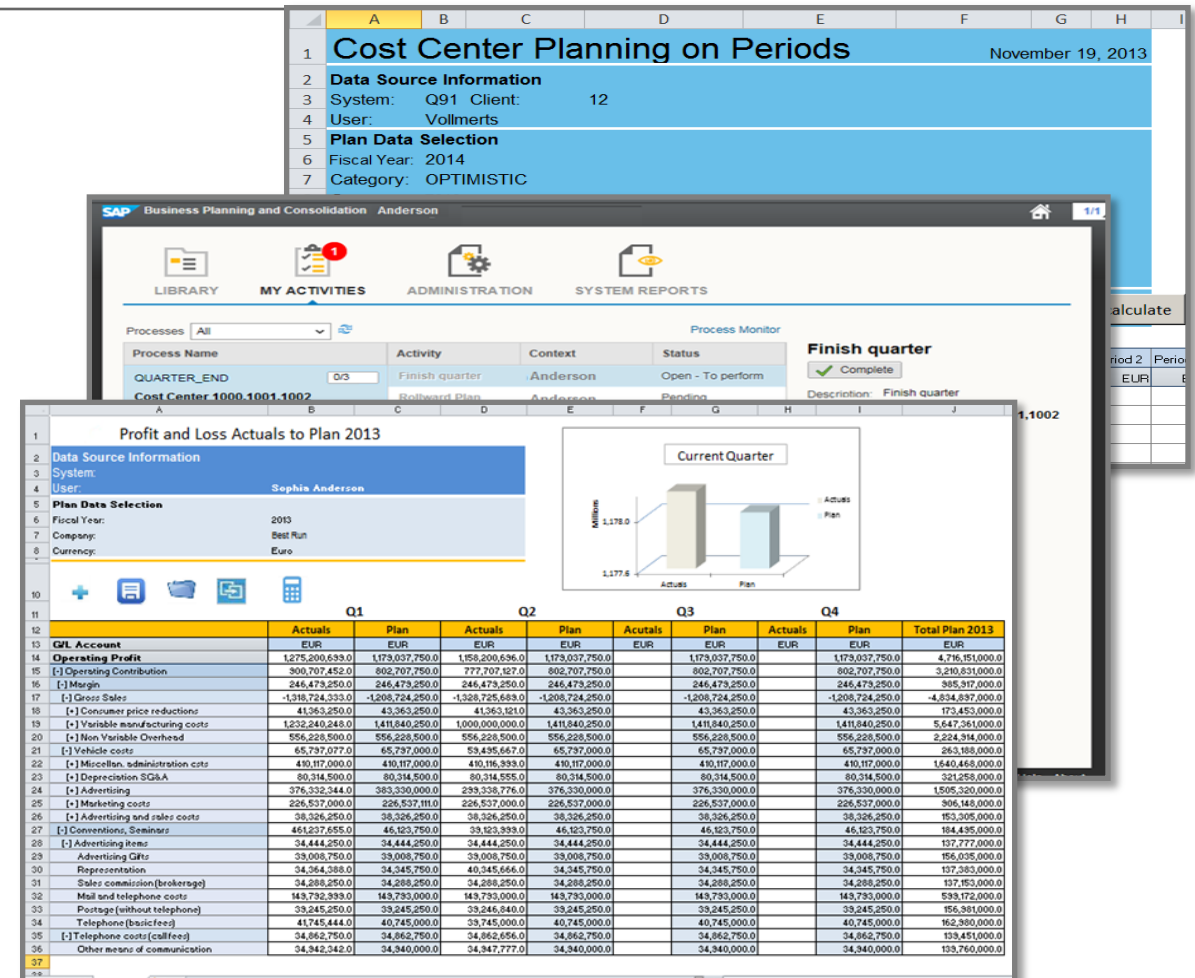


Integrated Business Planning for finance

Real Time Planning across the enterprise

What is Integrated Business Planning for finance

- Enables financial planning capabilities provided by SAP BPC to be seamlessly integrated in SAP ERP user interfaces and workflows, **effectively replacing the current financial planning capabilities in SAP ERP**
- Data replication between solutions no longer required
- Plans developed in SAP BPC will be accessible in SAP ERP for variance analysis
- SAP BPC will be able to access real-time master data and actuals maintained in SAP ERP
- Now possible with Integrated Business Planning for finance to not only enter and report on planned data but to model and calculate the required plan values all in a single application.
- Supports integrated Business planning across the various finance functions such that planning within one area automatically updates corresponding planned values within other areas (eliminates silos)
- Built upon the BPC Embedded Model





Further Information

Further Information

Further Information

Frank Klingl's blog

<http://scn.sap.com/community/data-warehousing/business-planning/blog/2014/09/08/further-improvements-on-sap-hana-optimized-planning-with-the-planning-applications-kit-in-2014>

Uwe Fischer's blog

<http://scn.sap.com/community/data-warehousing/business-planning/blog/2013/12/23/unifying-bpc-nw-and-bw-ip>

Getting Started with Business Planning

<http://scn.sap.com/docs/DOC-33758>



Thank you

Contact information:

Detlef Wassmuth
Product Management, SAP SE
detlef.wassmuth@sap.com

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