

SAP Early Adopter Program

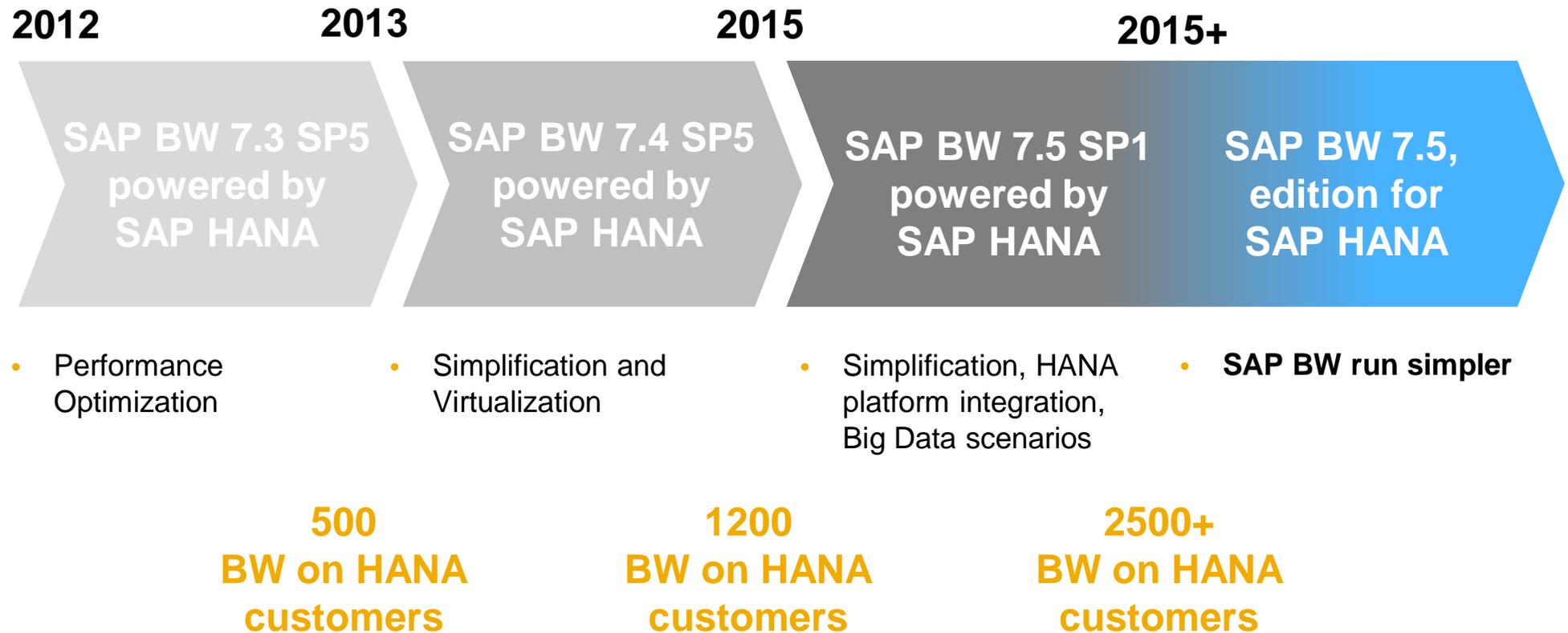
SAP BW 7.5, edition for SAP HANA

Overview Transfer Tool

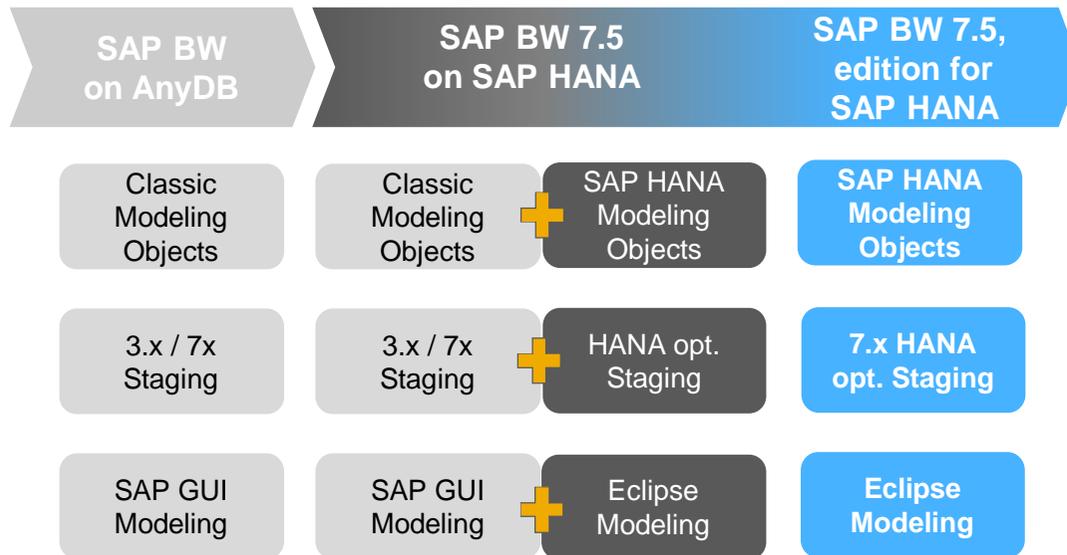
Public

The SAP logo is located in the bottom left corner of the slide. It consists of the letters 'SAP' in white, bold, sans-serif font, set against a blue square background with a white diagonal line.

SAP BW Roadmap driven by SAP HANA



What's SAP BW 7.5, edition for SAP HANA ?



SAP BW run simpler

- Simplified governance
- Faster time to market with new agile and flexible data modelling patterns

Option to run SAP BW 7.5 only with new and optimized SAP HANA objects

- Simplified modelling with SAP HANA only objects and renewed intuitive UIs in Eclipse and SAP UI5
- The BW 7.5, edition for SAP HANA is a **separate Software (Add-On)** which can be deployed to a regular SAP BW 7.5 on SAP HANA system or by doing a NewInstall.

What's SAP BW 7.5, edition for SAP HANA ?

SAP BW 7.5,
edition for
SAP HANA

SAP HANA
Modeling
Objects

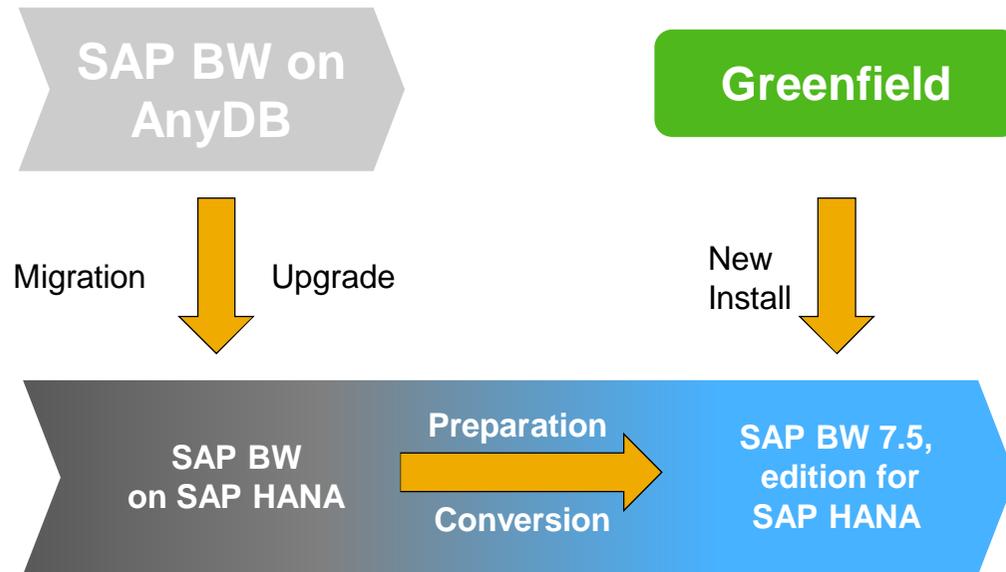
7.x HANA
opt. Staging

Eclipse
Modeling

Non-disruptive transition and switch into the edition for SAP HANA

- Restricted usage of classic / non-HANA functionality
- Existing scenarios still run, but changes of existing objects are restricted
- BW modeling tools in Eclipse as unique way for modeling BW objects including the BW query (DW Workbench for modeling BW objects is restricted)
- Administration tools based on SAPUI5
- Transfer of scenarios using obsolete BW modeling objects into HANA-optimized BW objects
- SAP BEx Tools are replaced by SAP BusinessObjects Tools (SAP BusinessObjects Analysis, edition for Microsoft Office, SAP Business Objects DesignStudio...)
- New BW on HANA-optimized Business Content

Choose the right path towards SAP BW 7.5, edition for SAP HANA



■ **Dedicated ramp-up program starting Q4/2015 BW 7.5 SP01**

Existing SAP BW on AnyDB

- Non-disruptive Upgrade to BW on HANA as starting point towards SAP BW 7.5, edition for SAP HANA

Existing SAP BW on HANA

- Upgrade to SAP BW 7.5 on HANA (or higher)
- Switch to SAP BW 7.5, edition for SAP HANA prepare mode
 - Use the new tools to convert existing classic objects
 - Check tool for prerequisites fulfillment
 - Restricted usage of classic object

New Installation / Greenfield

- Install SAP BW 7.5, SP1 on HANA (or higher)
- Default SAP BW 7.5, edition for SAP HANA

Transfer Tool - Usecase and Benefits

Usecase

- The data flow transfer tool supports the transition to the new, SAP HANA optimized data modeling objects
- Conversion of complete data flows with traditional objects to the corresponding SAP HANA optimized objects (see slide 3)
- Conversion of customer defined data flows and (newly) activated Business Content data flows possible*

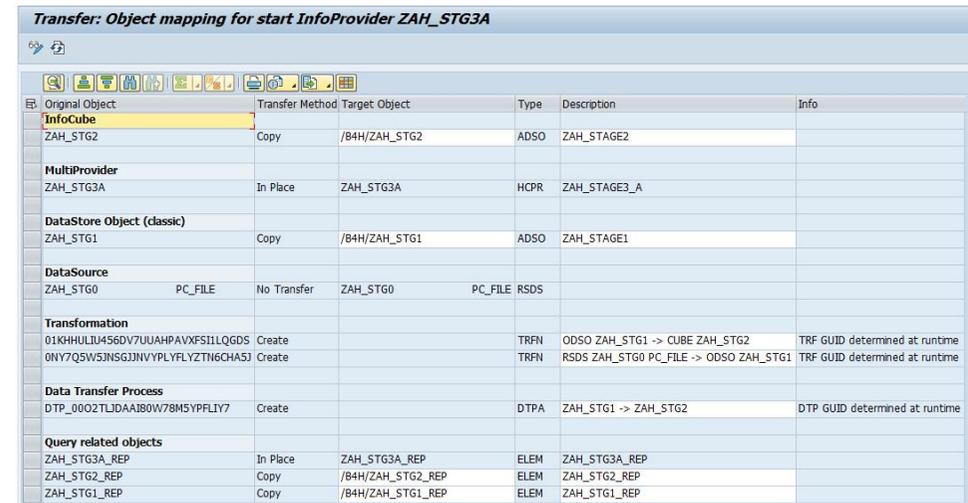
Benefits

- Automated migration of complete data flows
- Related queries on top of migrated InfoProviders still available
- Full control over technical names and description of migrated objects
- Secure migration process: A separate dataflow is created during conversion which consists of the new objects

Outlook

- Transfer of process chains is planned for a later SP.

* See documentation for further details, if ABAP based exits are used

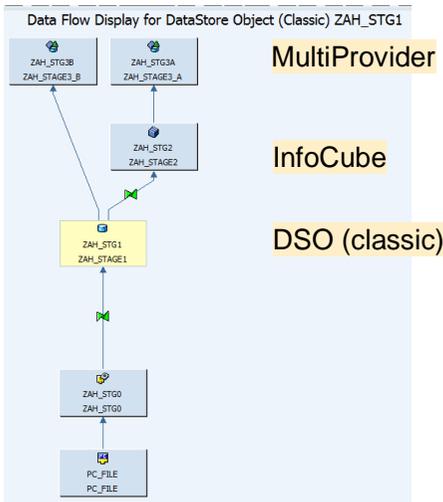


Transfer: Object mapping for start InfoProvider ZAH_STG3A

Original Object	Transfer Method	Target Object	Type	Description	Info
InfoCube					
ZAH_STG2	Copy	/B4H/ZAH_STG2	ADSO	ZAH_STAGE2	
MultiProvider					
ZAH_STG3A	In Place	ZAH_STG3A	HPCR	ZAH_STAGE3_A	
DataStore Object (classic)					
ZAH_STG1	Copy	/B4H/ZAH_STG1	ADSO	ZAH_STAGE1	
DataSource					
ZAH_STG0	PC_FILE	No Transfer	ZAH_STG0	PC_FILE	RSDS
Transformation					
01KHULLM456DV7UUAHPAVXFSIILQGD5	Create		TRFN	ODSO ZAH_STG1 -> CUBE ZAH_STG2	TRF GUID determined at runtime
0NY7Q5W5JNSG3JNVYPLYLYZTN6CHA5J	Create		TRFN	RSDS ZAH_STG0 PC_FILE -> ODSO ZAH_STG1	TRF GUID determined at runtime
Data Transfer Process					
DTP_0002TLJDAAB80W78M5YPLIY7	Create		DTPA	ZAH_STG1 -> ZAH_STG2	DTP GUID determined at runtime
Query related objects					
ZAH_STG3A_REP	In Place	ZAH_STG3A_REP	ELEM	ZAH_STG3A_REP	
ZAH_STG2_REP	Copy	/B4H/ZAH_STG2_REP	ELEM	ZAH_STG2_REP	
ZAH_STG1_REP	Copy	/B4H/ZAH_STG1_REP	ELEM	ZAH_STG1_REP	

Transfer Tool - Example

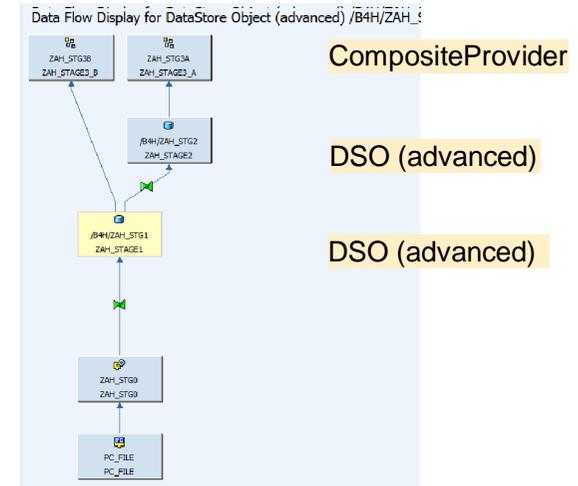
Existing Dataflow



Transfer: Object mapping for start InfoProvider ZAH_STG3A

Original Object	Transfer Method	Target Object	Type	Description	Info
InfoCube					
ZAH_STG2	Copy	/B4H/ZAH_STG2	ADSO	ZAH_STAGE2	
MultiProvider					
ZAH_STG3A	In Place	ZAH_STG3A	HCPR	ZAH_STAGE3_A	
DataStore Object (classic)					
ZAH_STG1	Copy	/B4H/ZAH_STG1	ADSO	ZAH_STAGE1	
DataSource					
ZAH_STG0	PC_FILE	No Transfer	ZAH_STG0	PC_FILE	RSDS
Transformation					
01KH9LH456DV7UUAHPAVXPSLLQD5	Create		TRRN	ODSO ZAH_STG1 -> CUBE ZAH_STG2	TRF GUID determined at runtime
0N172QW5JN5G3JNVPFLVLYZTH8CHAS1	Create		TRRN	RSDS ZAH_STG0 PC_FILE -> ODSO ZAH_STG1	TRF GUID determined at runtime
Data Transfer Process					
DTP_0002LTDAA80W078M5YPL1Y7	Create		DTPA	ZAH_STG1 -> ZAH_STG2	DTP GUID determined at runtime
Query related objects					
ZAH_STG3A_REP	In Place	ZAH_STG3A_REP	ELEM	ZAH_STG3A_REP	
ZAH_STG2_REP	Copy	/B4H/ZAH_STG2_REP	ELEM	ZAH_STG2_REP	
ZAH_STG1_REP	Copy	/B4H/ZAH_STG1_REP	ELEM	ZAH_STG1_REP	

Dataflow after Transfer



Detailed documentation see [SAP Help Portal](#) and [SAP Note 2238220](#)

Transfer Tool: Object Transfer

Previous Object Type	Successor Object Type (Optimized for SAP HANA)
DataStore object (classic)	DataStore object (advanced)
InfoCube	DataStore object (advanced)
MultiProvider	CompositeProvider
CompositeProvider (object type COPR)	CompositeProviders (see also note: 2080851)
HybridProvider (InfoCube + DataStore object (classic))	DataStore object (advanced)

- Objects currently not supported by the Transfer Tool (manual conversion required): VirtualProvider, InfoSets, Semantic Partitioned Objects, InfoObjects /w master data access via SAP HANA View

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