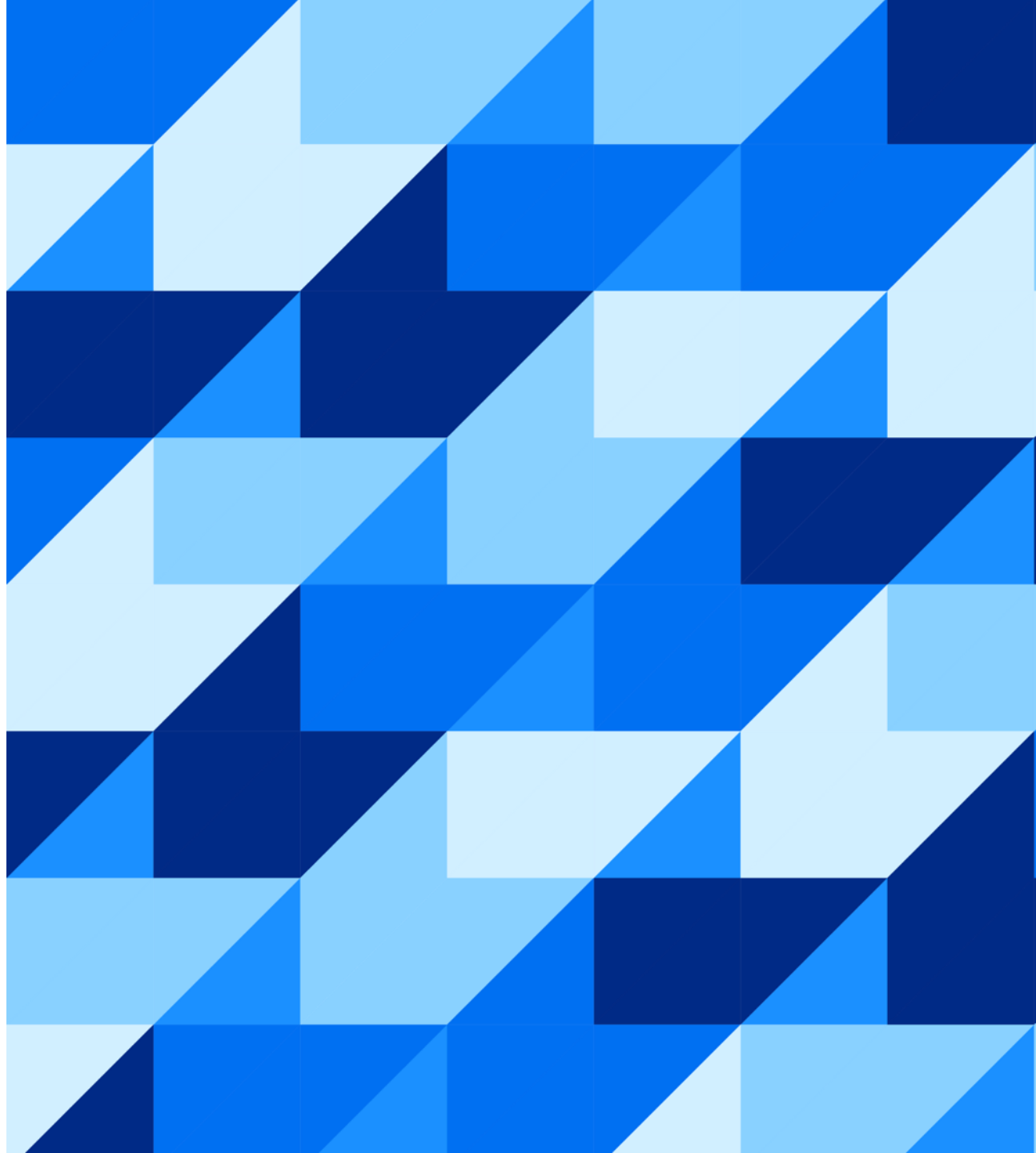




Customizing Synchronization between ERP and Master Data Governance (MDG)

SAP Product Management, SAP
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Public

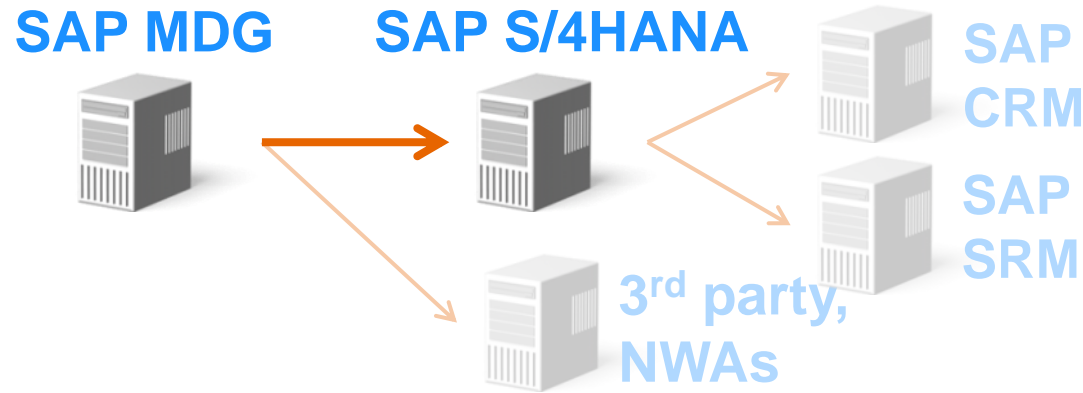


Master Data Governance Capabilities

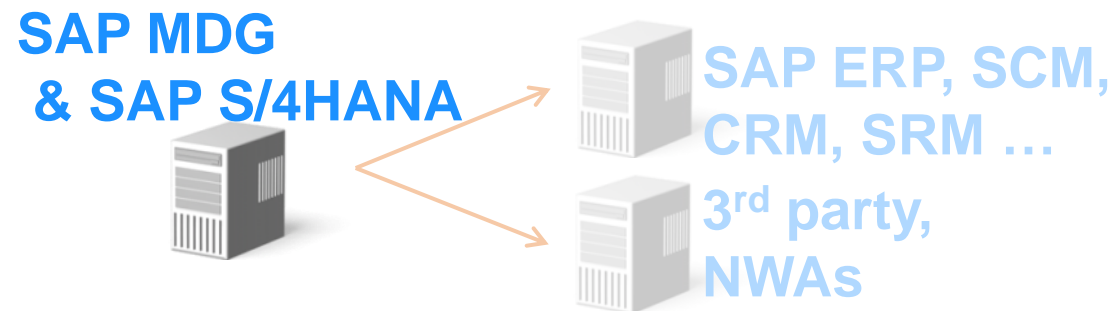
Deployment Options: consciously decide for a central hub or co-deployment

Deploy SAP MDG...

- ... as standalone system / master data hub



- ... on top of an operational S/4HANA / ECC



Customers typically choose to...

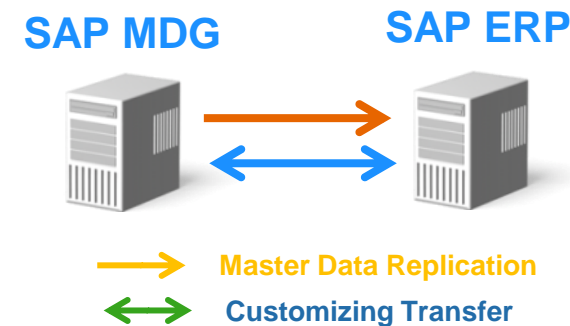
- ... create a dedicated master data hub and distribute to all operative systems from there, or
- ... co-deploy^{*)} with their single instance SAP S/4HANA / ECC (or pick one of their SAP S/4HANAs / ECCs as the master for a particular domain) and create and distribute master data from there

Synchronized Customizing

Basic Assumptions

If a transfer of customizing data takes place, customizing data must be identical in specific areas in the two systems*.

Customizing data should be maintained only once but the sender might be different based on the type of customizing data



Automation and Synchronization of customizing data transfer is preferable.

* Value Mapping in Data Replication can be used to overcome differences

Synchronized Customizing

Two Important Aspects

What are the sets of customizing data to be transferred?

Description	Object
Packaging Code	CCUNV121
EC-PCA: Trans	Object
Copy Cost Cen	V_T880
EC-PCA: Creat	V_T016
EC-PCA: Creat	Object
Internal Trading Partners	BNKA
Industry Keys	J_1AINFSKS
Industry	SKM1
Define outgoing	T001
Define incoming	T001S
Inflation Keys - G/L Account	T002
Customer Condit	T003
Customer Classif	T004
Company Codes	T004F
Accounting Clerks	T004V
Language Keys (Component BC-118)	T005
Document Types	T005S
Directory of Charts of Accounts	T011
Field status definition groups	T012
Field Status Variant	T012K
Countries	T025
Taxes: Region (Province) Key	T025K
Financial Statement Versions	T030
House Banks	T030S
Plants	T033
House Bank Accounts	T035
Tax Relevancy of	T036
Valuation Classes	T039
Credit Control Ar	T043S
Account Category Reference	T044A
Standard Accounts Table	T056
Accts for Foreign Currency Assets Exchange Rate Differences	T077S
FI Depreciation Area	
Planning groups	
Planning levels	
Source Symbols for Cash Management	
Tolerances for Groups of G/L Accounts	
Foreign Currency Valuation Methods	
Interest settlement	
G/L account groups	

How to transfer the customizing and how to keep it synchronized?



Synchronized Customizing

Which set of customizing data needs to be transferred?

Types of Customizing data

- Reference data (ISO codes ...)
- Project specific customizing defined in an implementation project (IMG based)
- Master data related customizing
- MDG Customizing

➔ Object list of relevant customizing tables

Description	Object
Packaging Code	CCUNV121
EC-PCA: Transport Master Data	0KEQ
Copy Cost Centers	2KEV
EC-PCA: Create Profit Center	KE51
EC-PCA: Create Dummy Profit Center	KE59
Rounding profiles	OWD1
Plants->company code	OX18
Set up calculation of value for the purchase account	V_001K_EK
Configure Separate Accounting Document for Purchase Account	V_001K_EK2
Acct Determination for Val. Areas	V_001K_K
Price Differences in Subcontracting for Valuation Areas	V_001K_LB
Negative Stocks for Valuation Areas	V_001K_N
Activation of Material Ledger	V_T001KML
Assignment Plant - Company Code	V_T001K_AS
Activate Actual Cost Component Split	V_T001K_CC
Dynamic release of planned price changes	V_T001K_PR
Valuation at Sales Prices (Retail Method)	V_T001K_W
Dyn. Release Update Future Price	/FMP/V_MP_
Activate storage location authorization for goods movements	V_001L_B
Define Storage Location Vendors	V_JIT_T001
Define TD intransit storage location	V_OIGT001L
Excise duty storage location licenses	V_OIHT001L
Storage location customizing Silo Management	V_OII_T001

How to synchronize customizing data?

Basic Assumptions

System roles

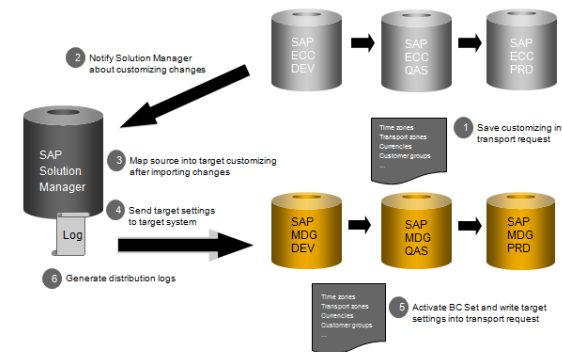
- Source system – target system

Process

- Customizing Maintenance ➔ Filter ➔ Export ➔ Import ➔ Activate
- Transport within DQP system landscape

Types of Customizing Synchronization

- Initial Synchronization
- Ongoing Synchronization
 - Automatic
 - Manual



Synchronized Customizing

Tool support

- Manual Maintenance in connected systems

- Transports / BC Sets (Business Configuration Sets)
- ALE Customizing Distribution

SAP Basis

- Customizing Synchronization
- Change Request Management (CHaRM)
- Retrofit

SAP Solution Manager

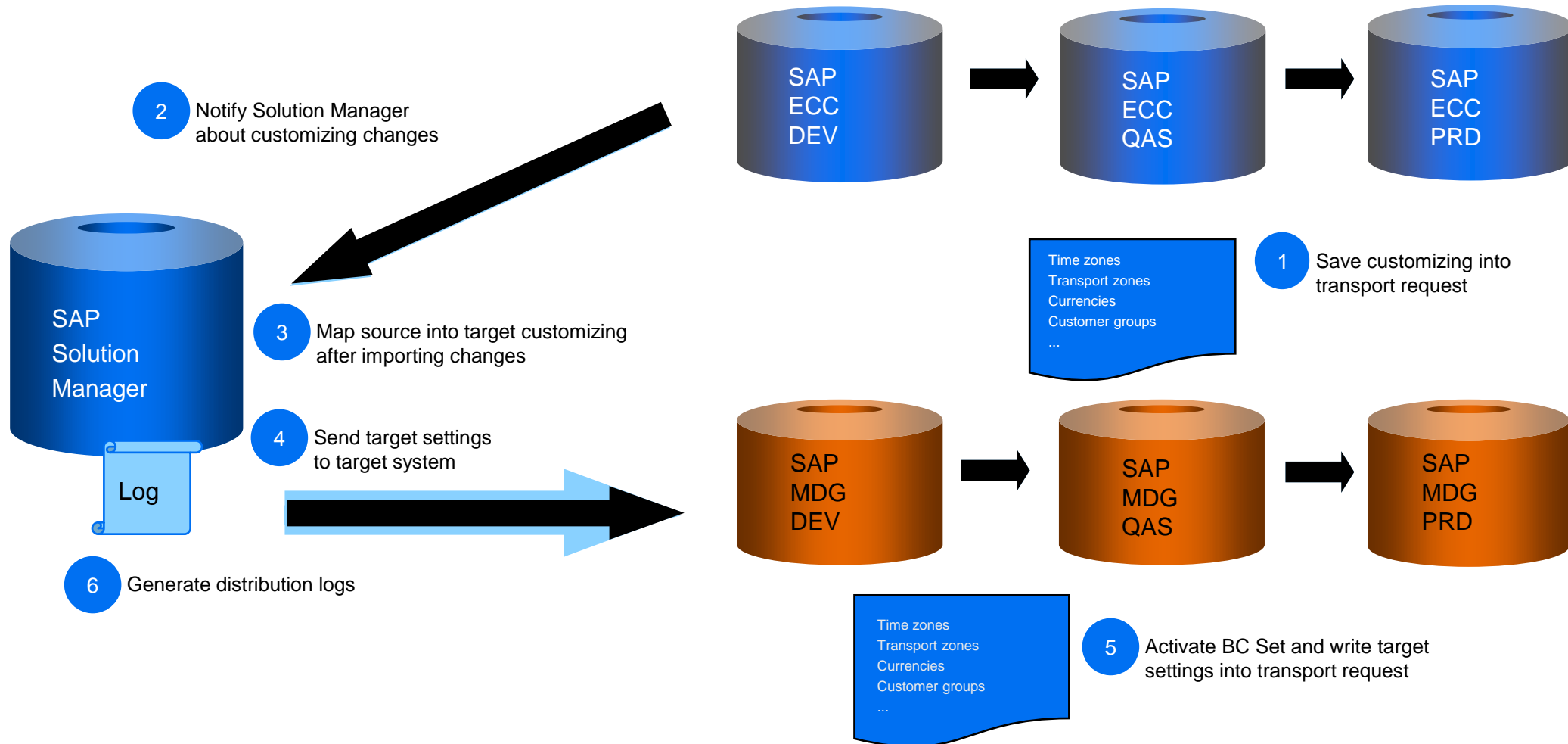
- Reference Data Governance

SAP MDG – Custom Objects

- Customer specific implementation

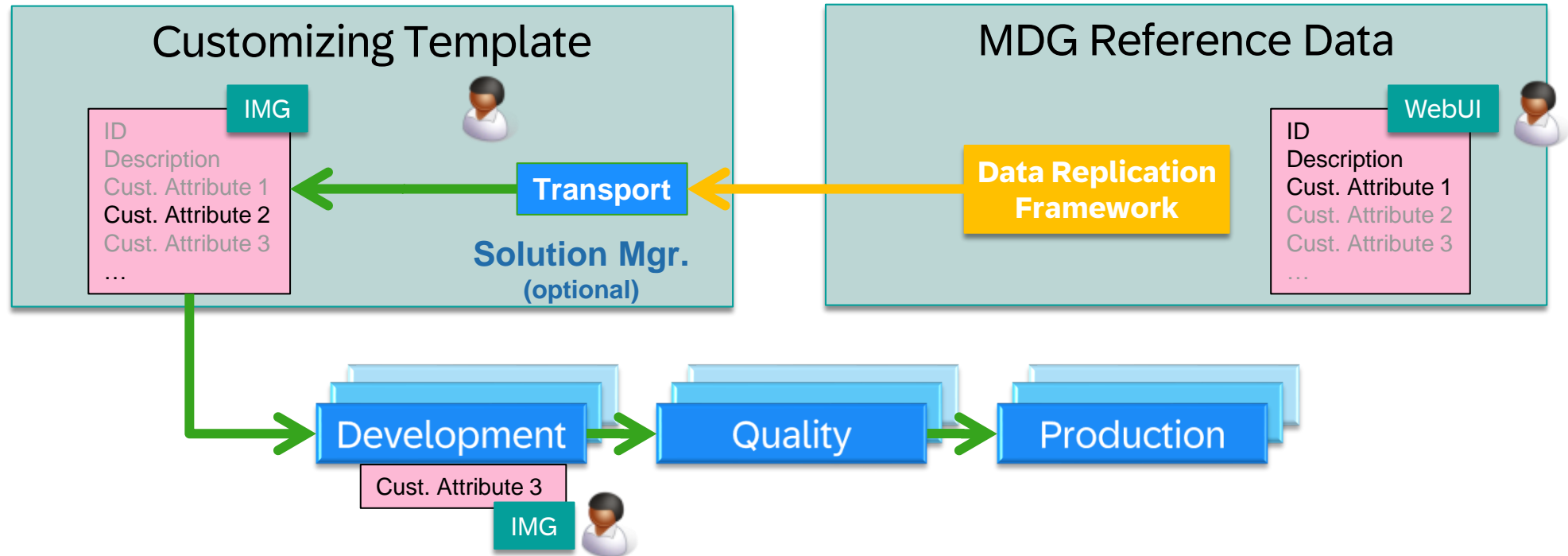
Customizing Synchronisation Process

Example



Reference Data Governance

With SAP MDG Custom Objects



SAP Master Data Governance extends the existing process with governance

- Start business-driven governance process on some attributes in MDG (ID, description, some “global” attributes)
- Add all “SAP Template” attributes in the IMG in the customizing master system
- Complement local attributes (that are different per system landscape)

Thank you.

Contact information:

SAP Product Management

