

Reference Data Management (RDM) for SAP MDG

Why companies need it and how they use it

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## What is reference data?

#### **Definition**

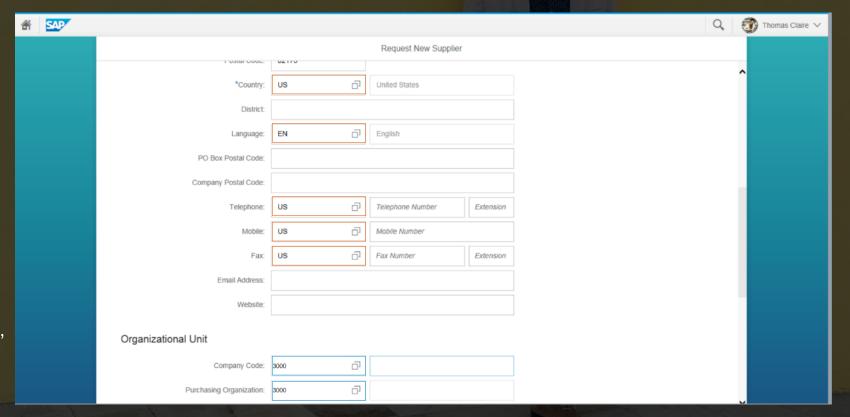
Reference data are data that define the set of permissible values to be used by other data fields (source Wikipedia)

#### **EXTERNAL REFERENCE DATA**

Defined by standards organizations, such as country code defined in ISO 3166-1

#### **INTERNAL REFERENCE DATA**

Organization specific reference data, often related to a structure (reporting, legal, accounting, etc.) within the organization



## **Itego Reference Data Management**

What and Why? Data with High Impact

Low Frequency of change but high impact!

#### FREQUENCY OF CHANGE











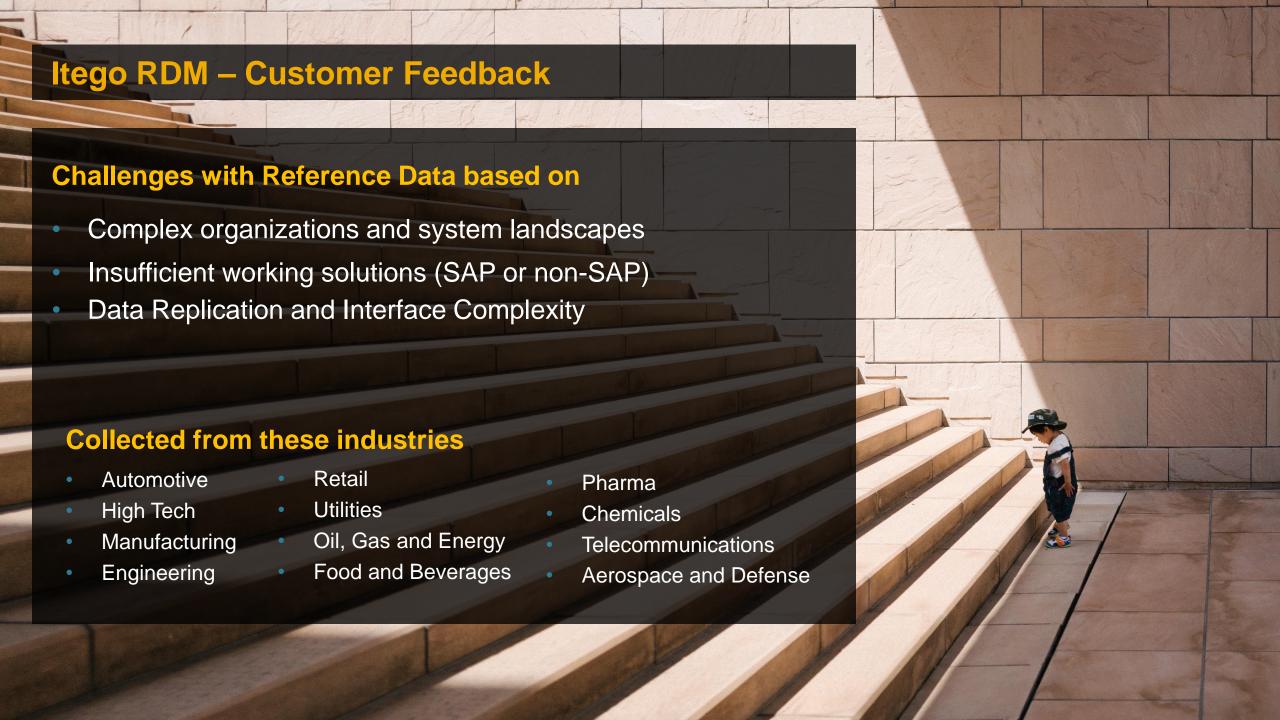


#### **Examples**

Country Code, Material Group, Payment Terms, Product Hierarchy, Plant

**DEGREE OF SHARING** 

Source: SAP



## **Itego RDM – Customer Feedback**

#### This solution is ...

- Complete: Harmonization and Governance
- Powerful: Data Model, UI, Workflow and Replication
- Solid: out of the box standard, not a toolbox

#### **Features**

- Consolidation, synchronization and flexible data replication
- Fast, simplified, and harmonized governance process

#### **Benefits**

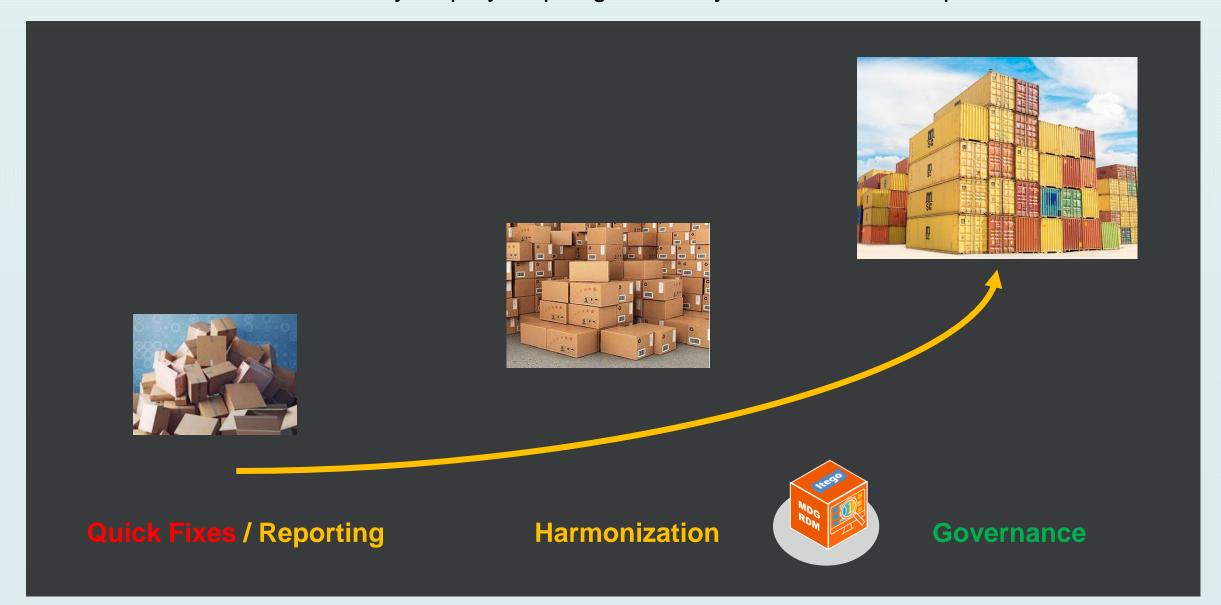
- Reduced business risks
- Reduced project costs and duration
- Reliable but flexible business processes
- Strategic planning based on reliable reporting





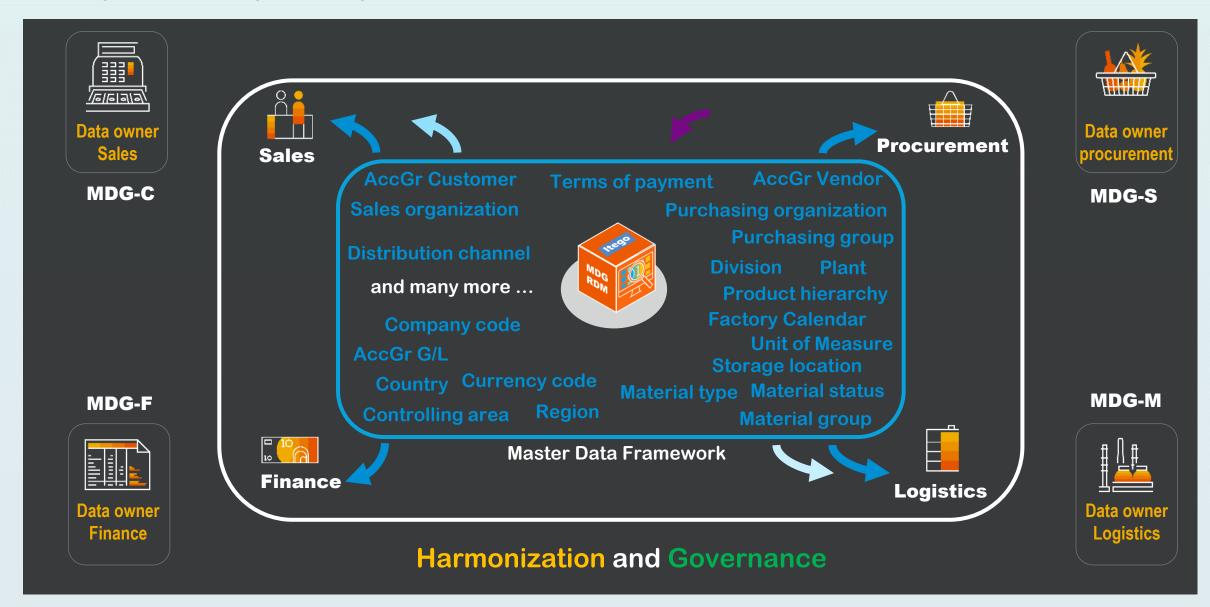
## **Itego Reference Data Management for SAP MDG**

Deliver Data and Process Quality step by step aligned with your MDG Roadmap



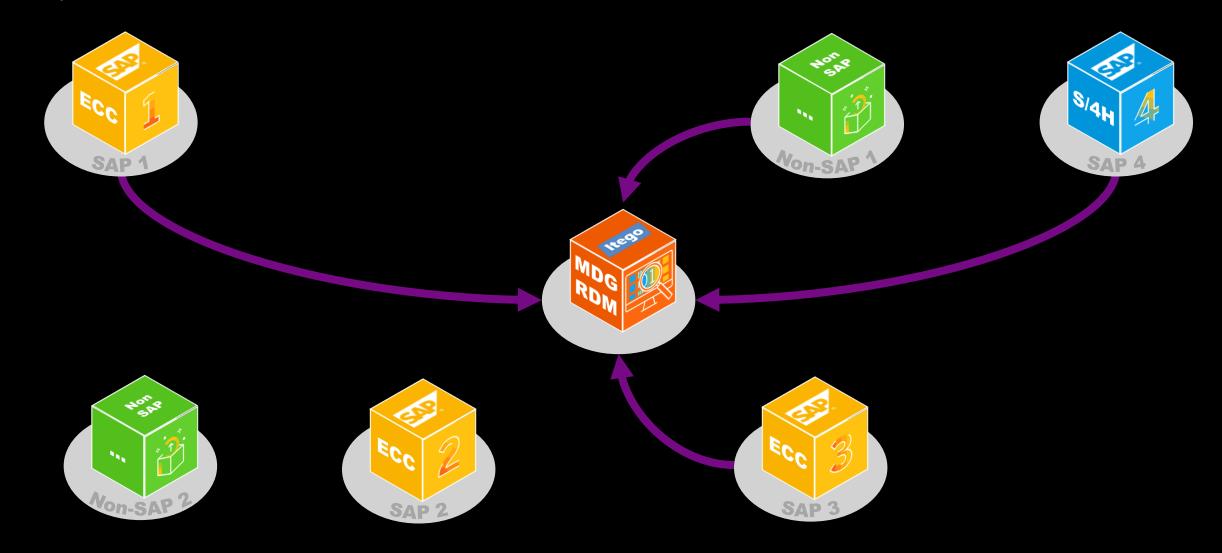
### **Itego Reference Data Management**

Creating and keeping the Single Source of Truth

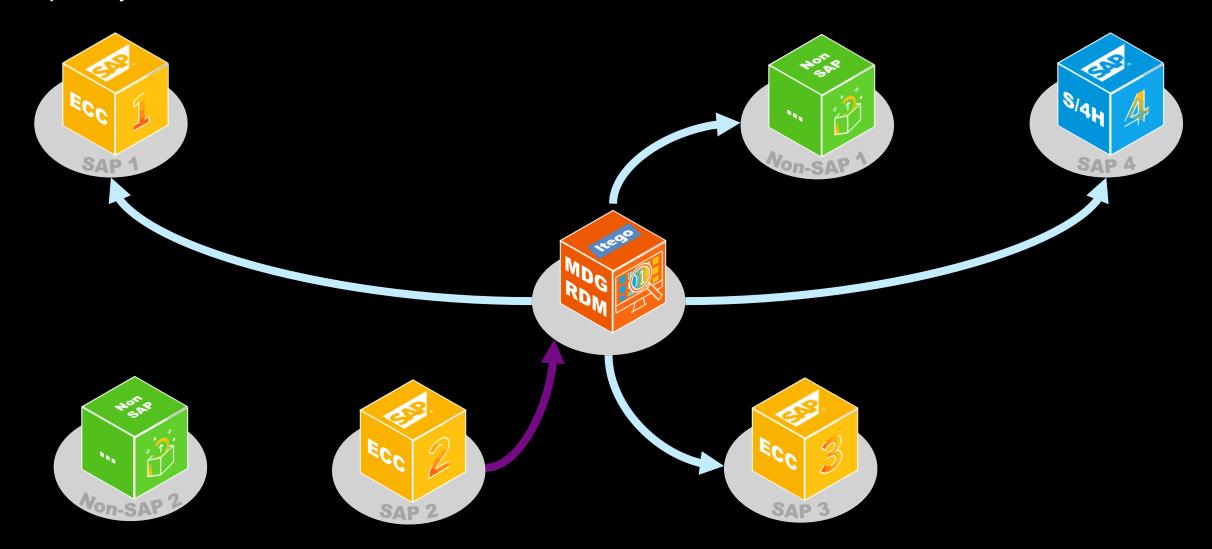




Step 1: Consolidation

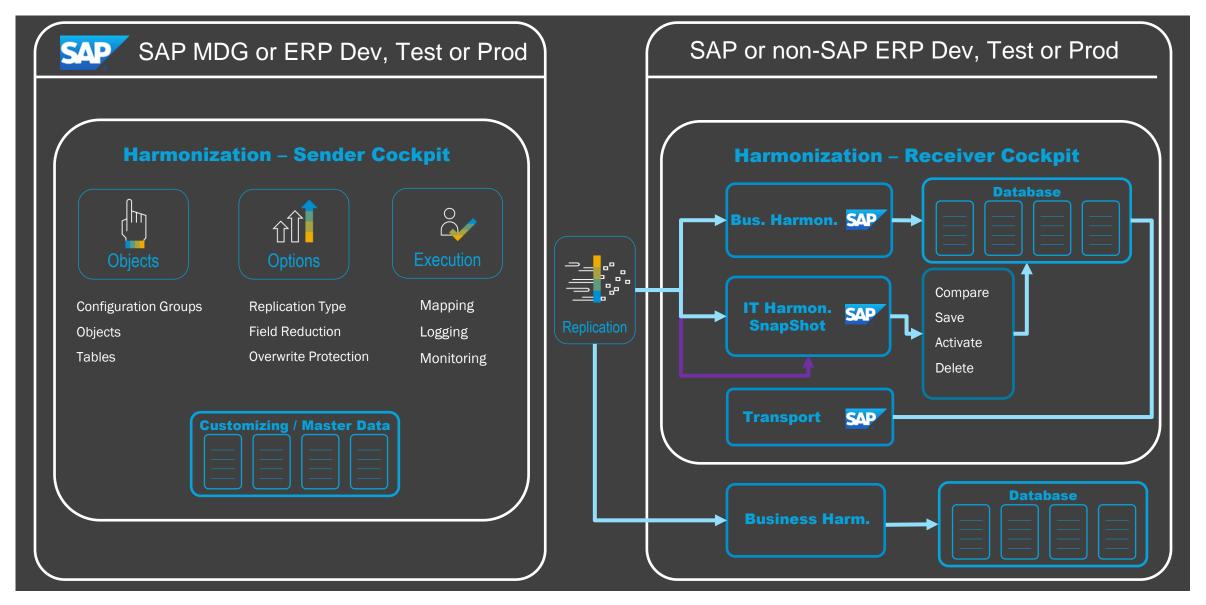


Step 2: Synchronization

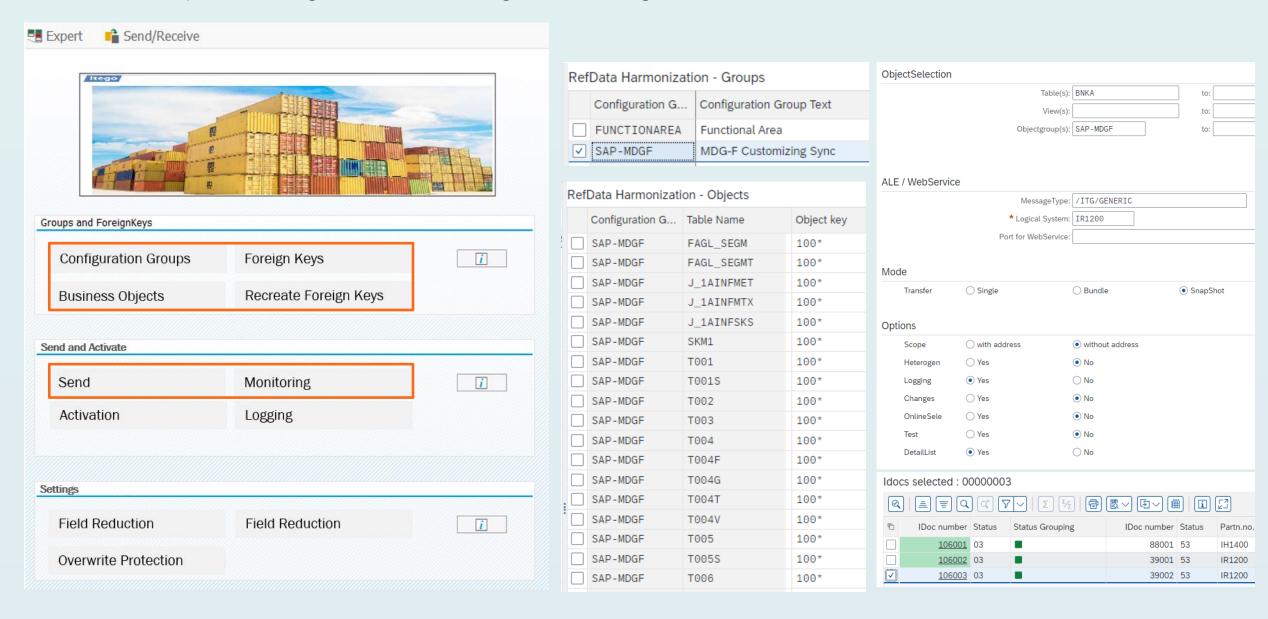


Harmonization Cockpits

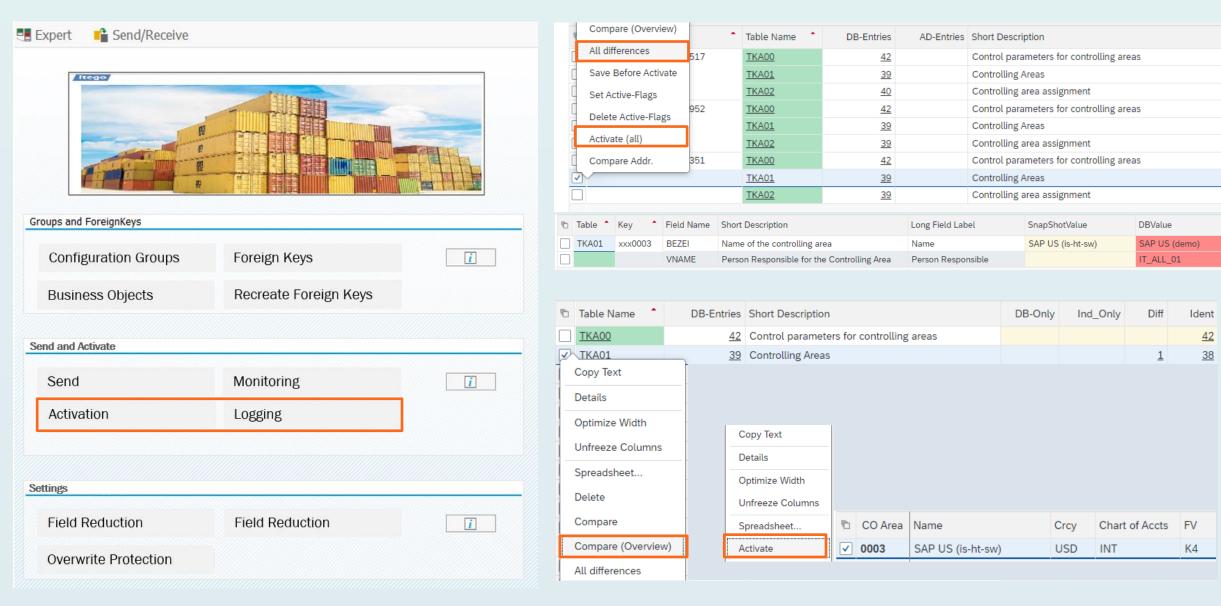




Sender Cockpit – Configuration, Sending, Monitoring

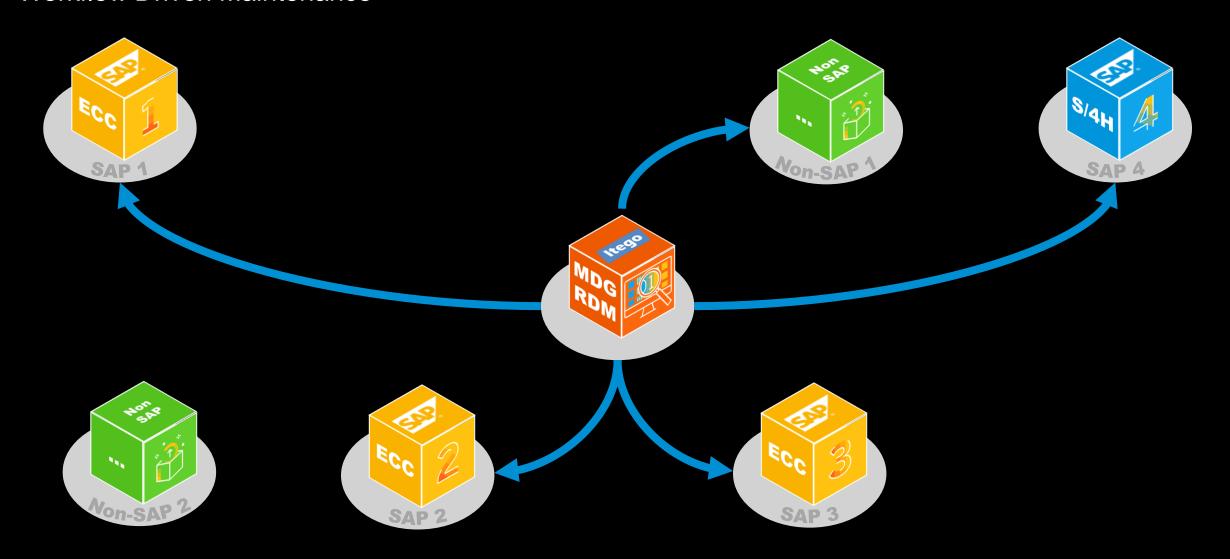


Receiver Cockpit - Controlled Consolidation (Comparison, Activation, Logging)





Workflow Driven Maintenance



Processes for all Objects





The data steward creates the data

#### **REQUEST & APPROVE**



Data specialis

The data specialist requests and completes the data



Data steward

The request is approved or rejected

#### **REQUEST, PROCESS & APPROVE**



Requester

A request for a change in the reference data is made



Data specialis

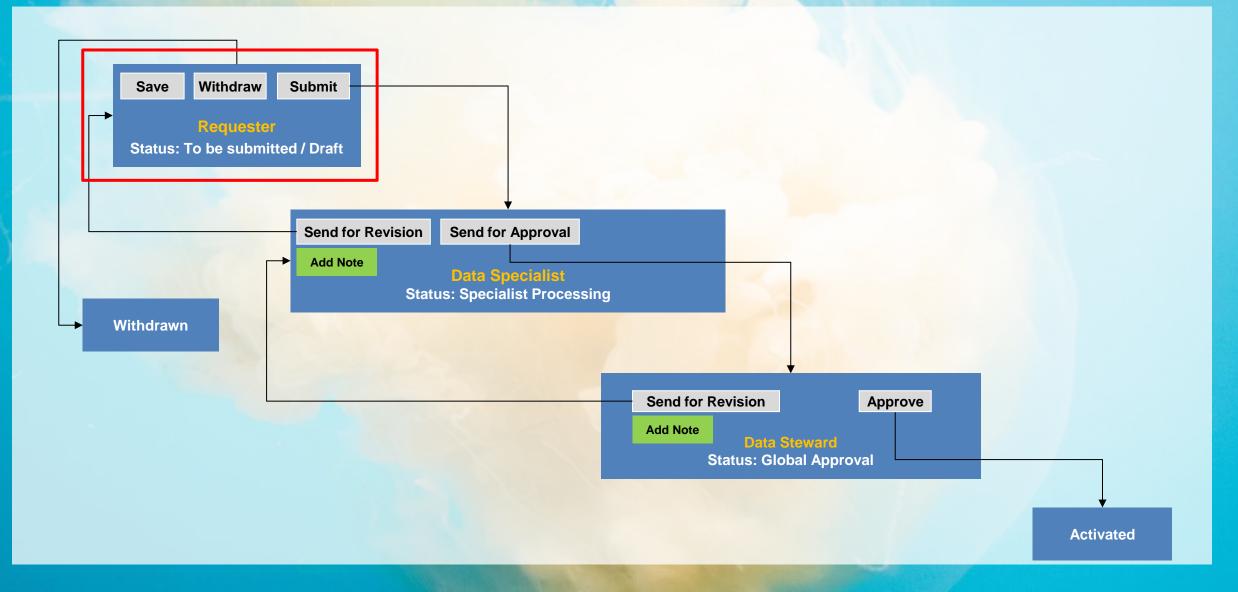
The data specialist enriches the data setup



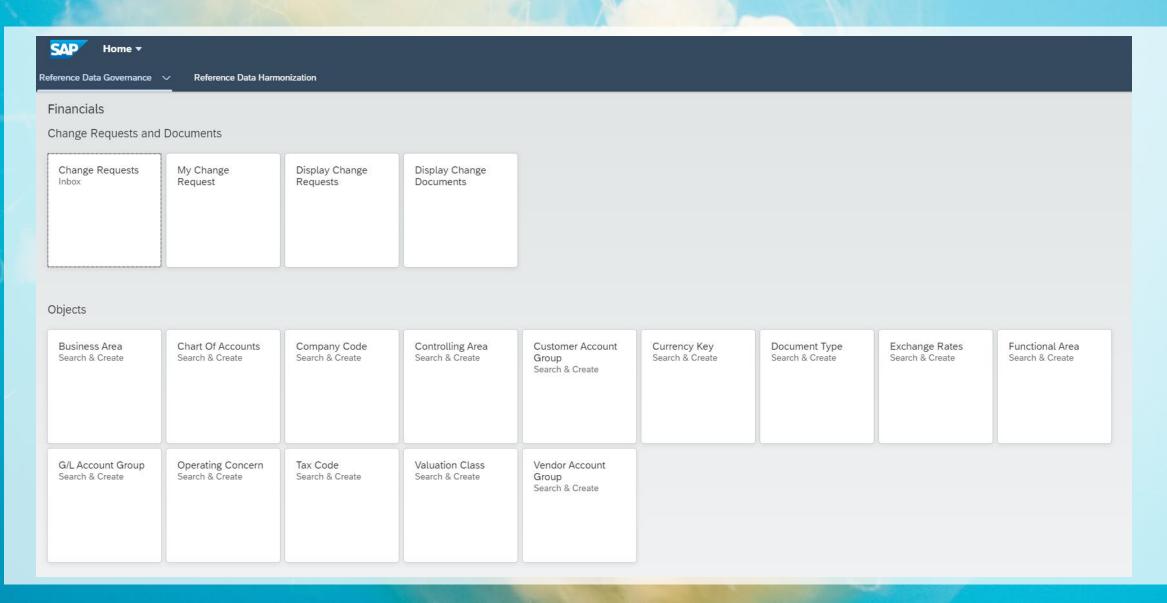
Data steward

The request is approved or rejected

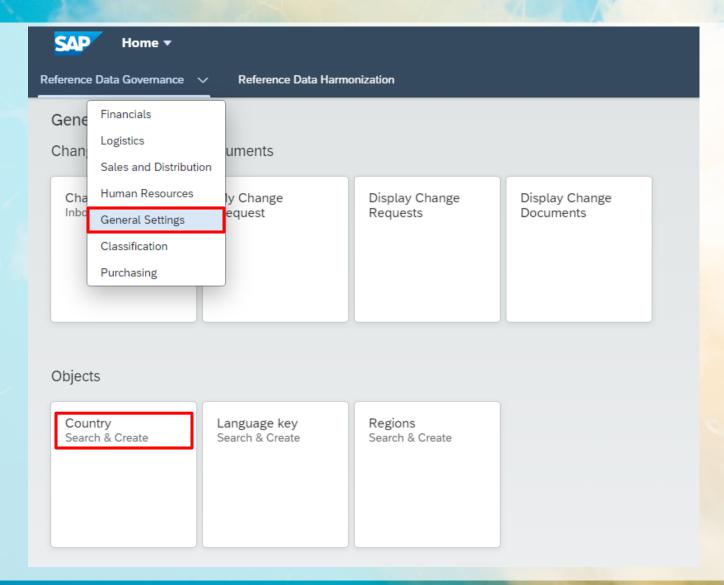
# Workflow: Request, Process & Approve



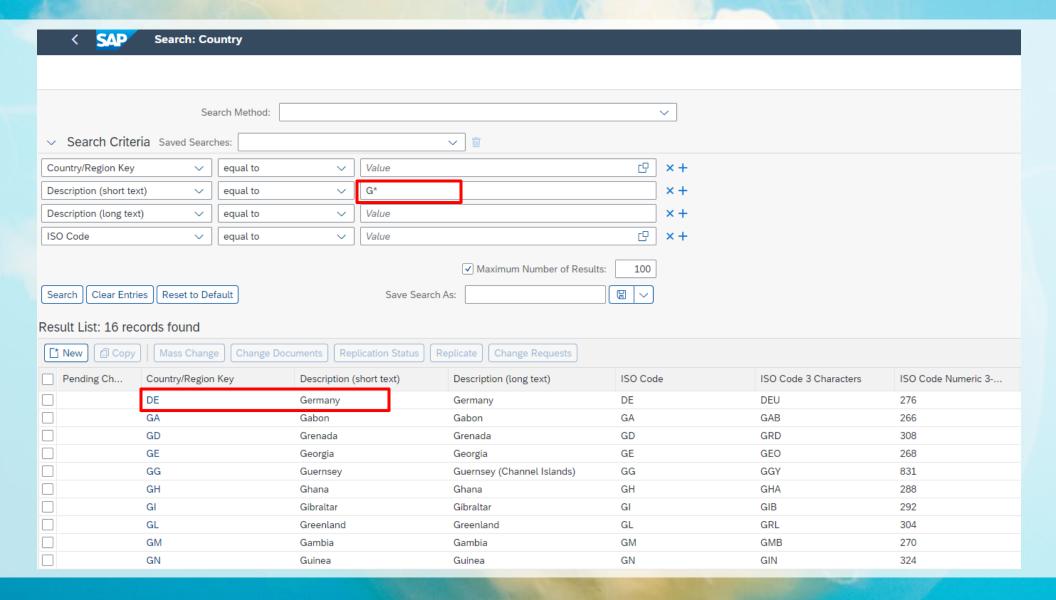
## **Demo: Short Overview**



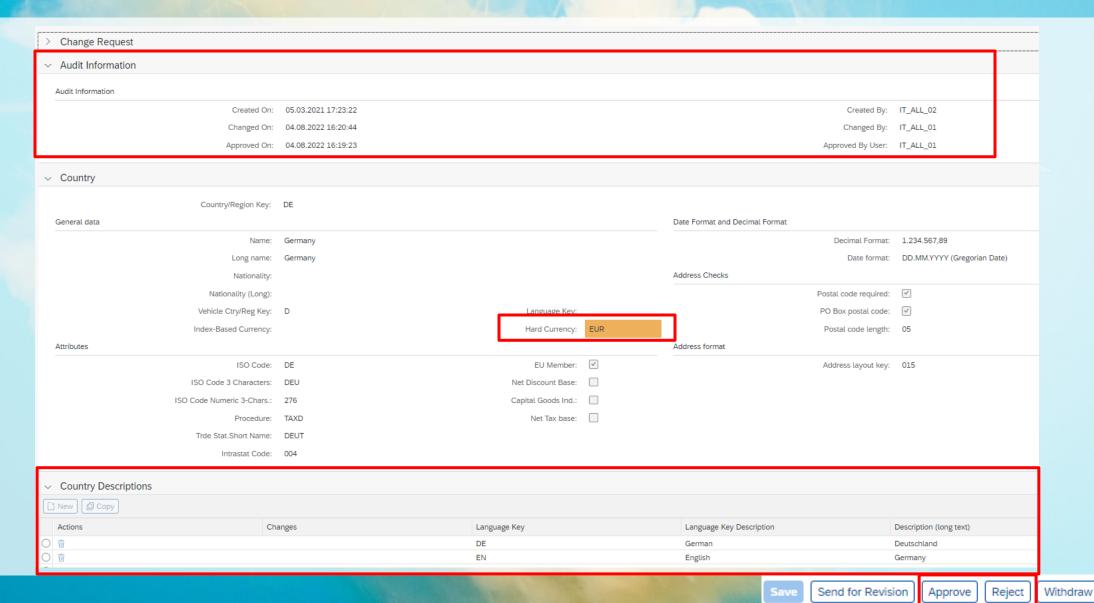
# Select or Search for Country



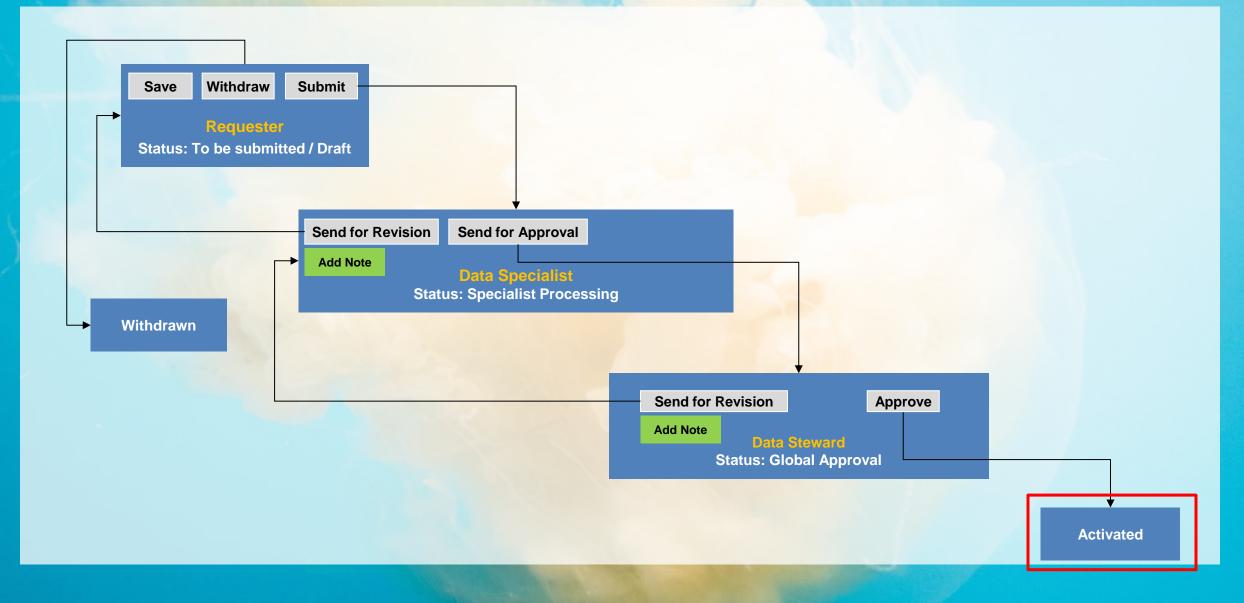
## Search and Change



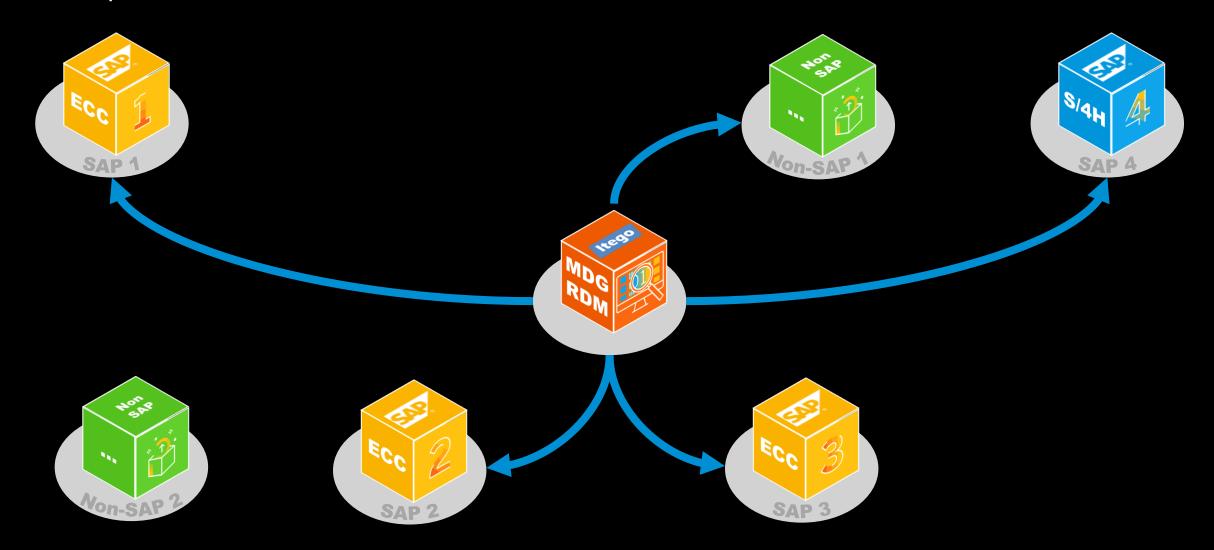
# Audit Information / Highlight Change / Descriptions / Governance



# Workflow: Request, Process & Approve

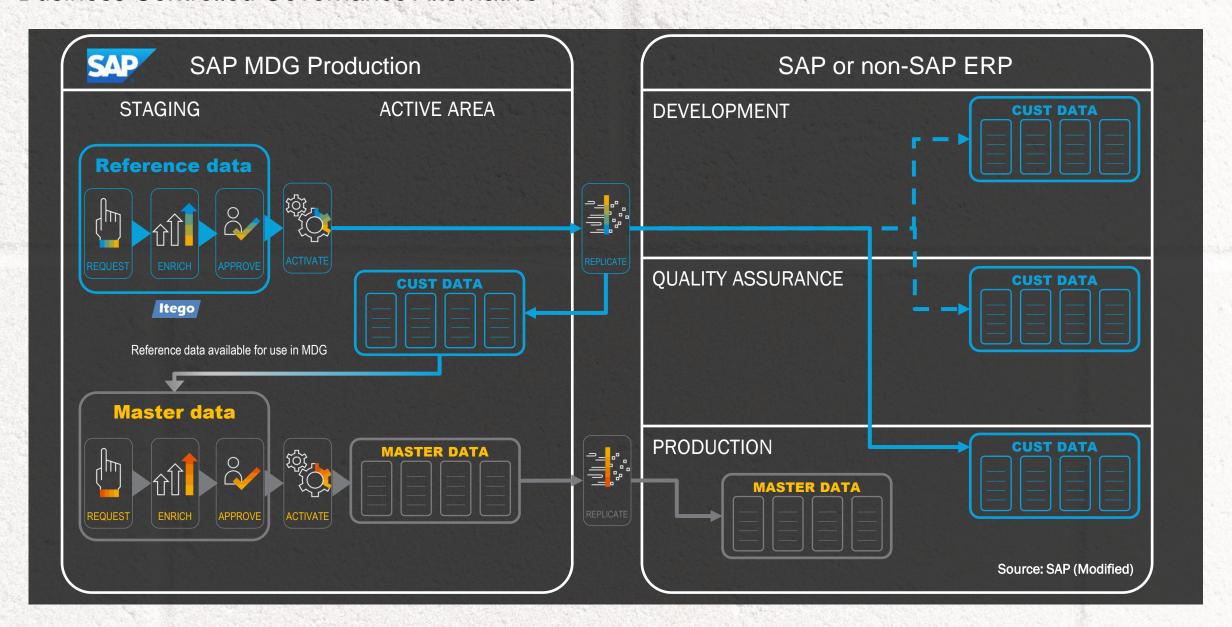


Data Replication



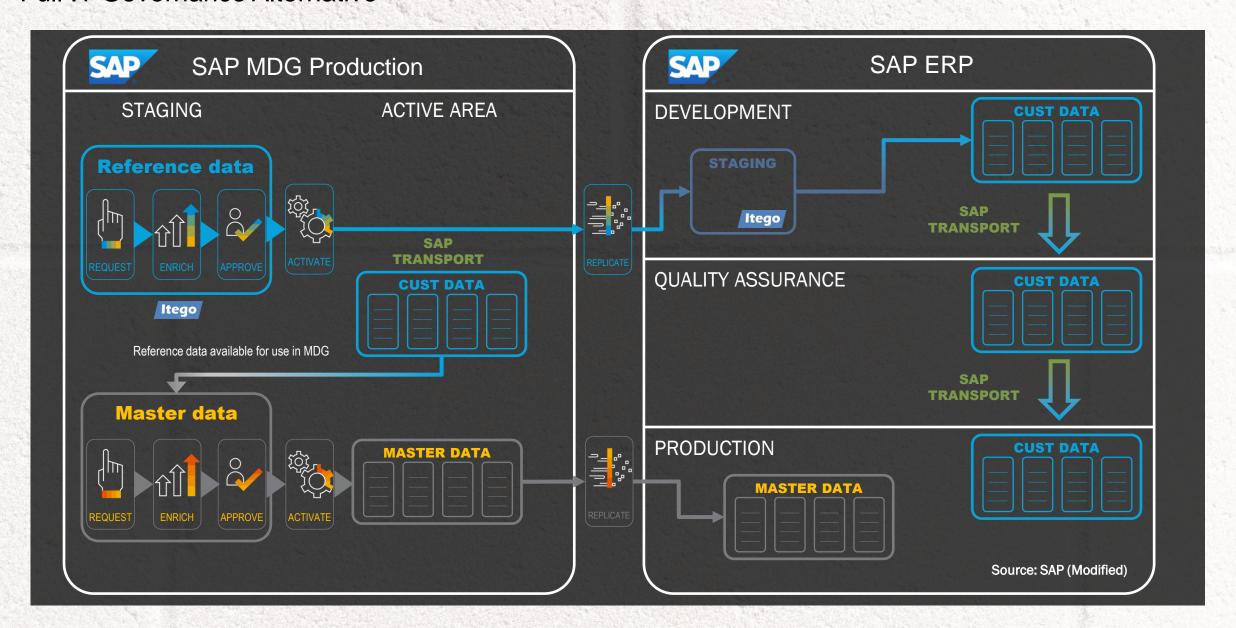
## **Itego Reference Data Management**

**Business Controlled Governance Alternative** 



## **Itego Reference Data Management**

**Full IT Governance Alternative** 



#### QAS PreProd Prod Dev **Business Driven** Harmonization and Governance SAP SAP SAP SAP S/4 (1) S/4 (1) S/4 (1) S/4 (1) Transport SAP MDG (incl. RDM) SAP SAP SAP SAP S/4 (2) S/4 (2) S/4 (2) S/4 (2) Transport SAP SAP SAP SAP **ERP (1)** ERP (1) SAP ERP (1) ERP (1) Solution Transport Manager SAP SAP SAP SAP **Technology Driven** MDG MDG MDG MDG Governance and Orchestration (incl. RDM) (incl. RDM) (incl. RDM) (incl. RDM) Transport

## Summary / FAQ / Q&A

## **Topics**

- Value Add and Use Cases
- Customers and who needs it and when?
- License Model and How to engage

#### Links

Itego Reference Data Management - Website

Blogs: RDM, MDF and Custom Objects, Solution Manager



Trusted data. Delivered.

E-Mail: info@itego.de



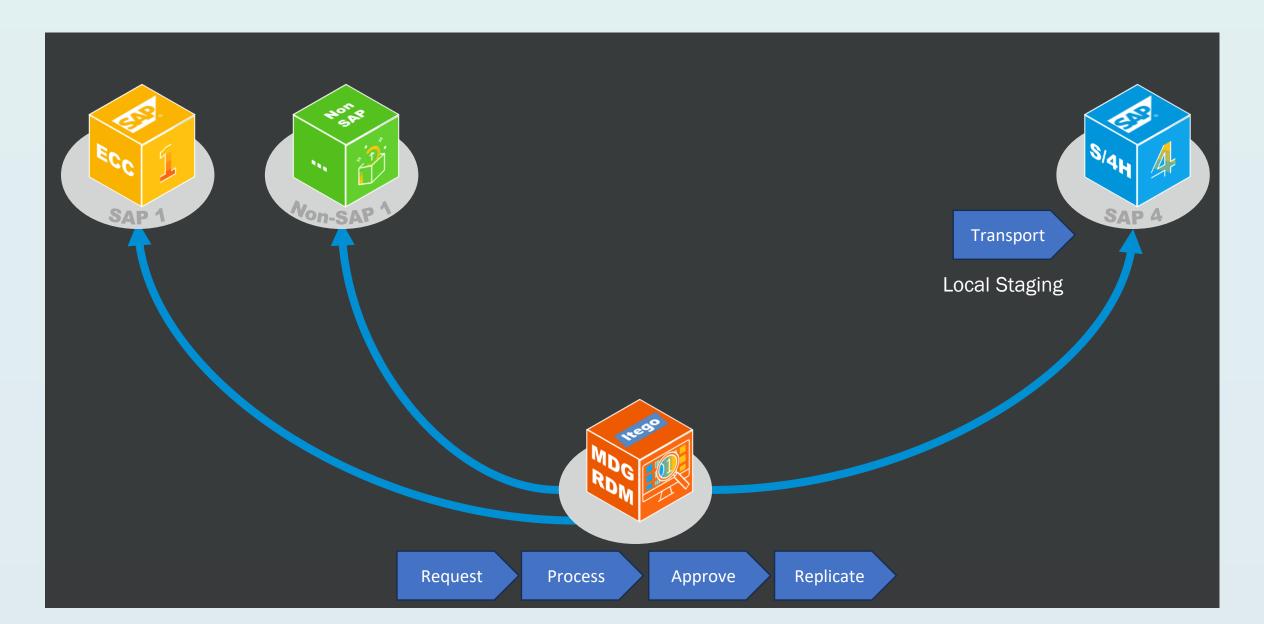


## Object Types

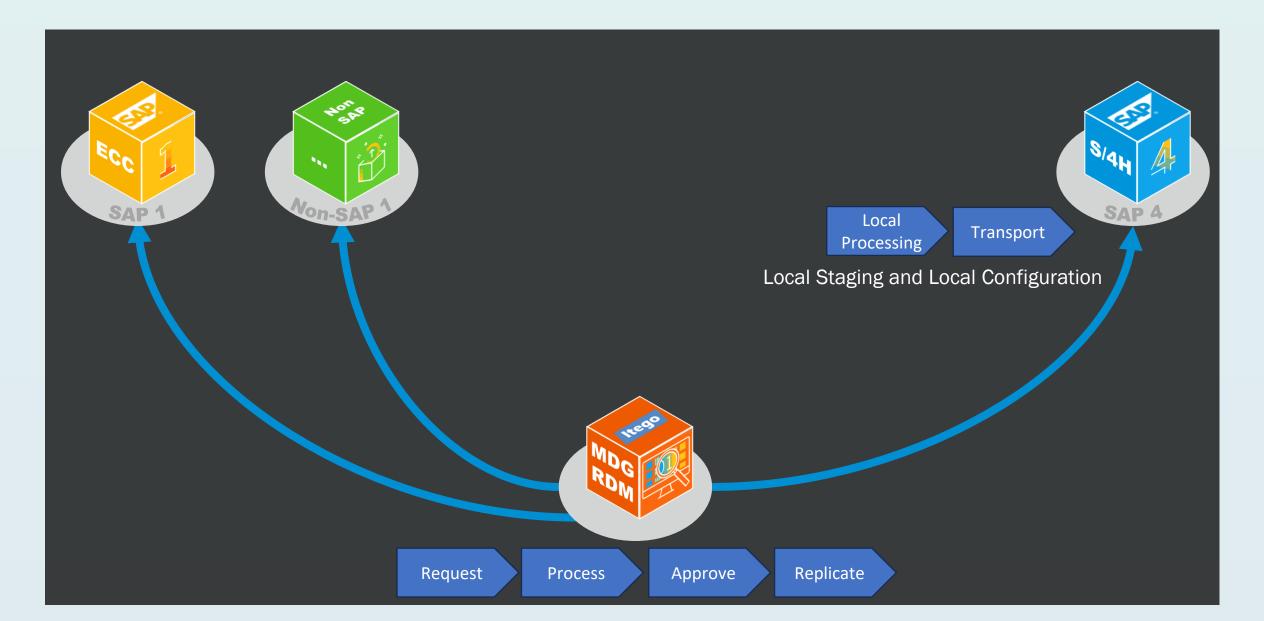
		Financials & HR &	& General Settings					
Business Area	Chart of Accounts	Company Code	Controlling Area	Customer Acc. Group	Currency			
Document Type	Exchange Rate	Functional Area	Gen.Ledger Acc. Group	Operating Concern	Personnel Area			
Tax Code	Valuation Class	Vendor Acc. Group	Country	Language	Region			
Logistics & Purchasing Sales & Distribution								

	Logistics &	Sales & Distribution			
BOM Usage	Division	Factory Calendar	Laboratory/Office	Distribution Channel	Incoterms
Location	Material Group	Material Status	Material Type	Payment Terms	Payment Term Details
MRP Area	MRP Controller	MRP Profile	MRP Type	Product Hierarchy	Sales Organization
Plant	Storage Location	Unit of Measure	Characteristics	Sales Group	Sales Office
Classes	Planning Scope	Purchasing Group	Purchasing Org.	Shipping Conditions	Shipping Type

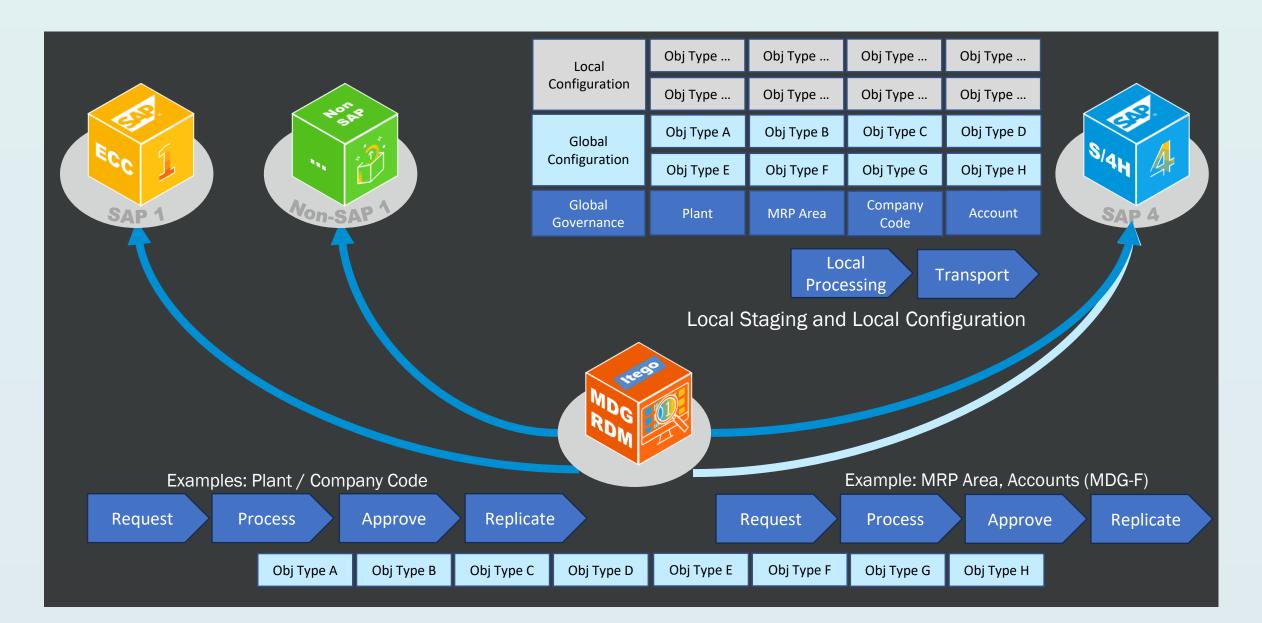
Process Driven Maintenance: Advanced Scenario (Full IT Governance Alternat.)



Process Driven Maintenance: Extended Scenario (Full IT Governance Alternat.)

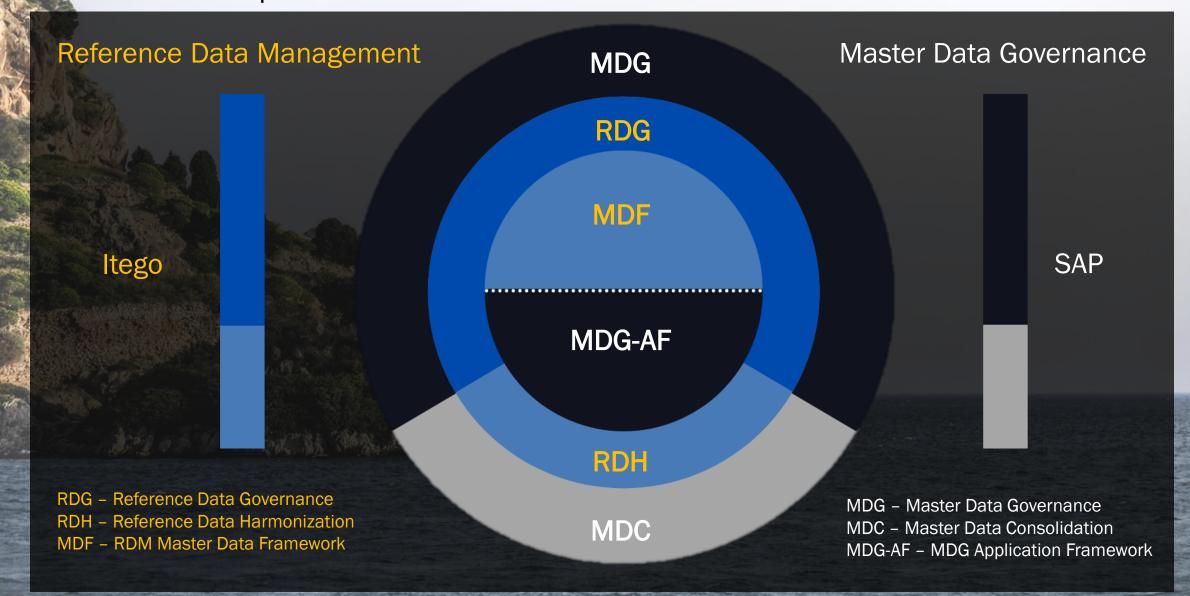


Process Driven Maintenance: Full Scenario (including Harmonization)



## **Itego Reference Data Management**

**How? Solution Components** 



**How? Solution Components** 

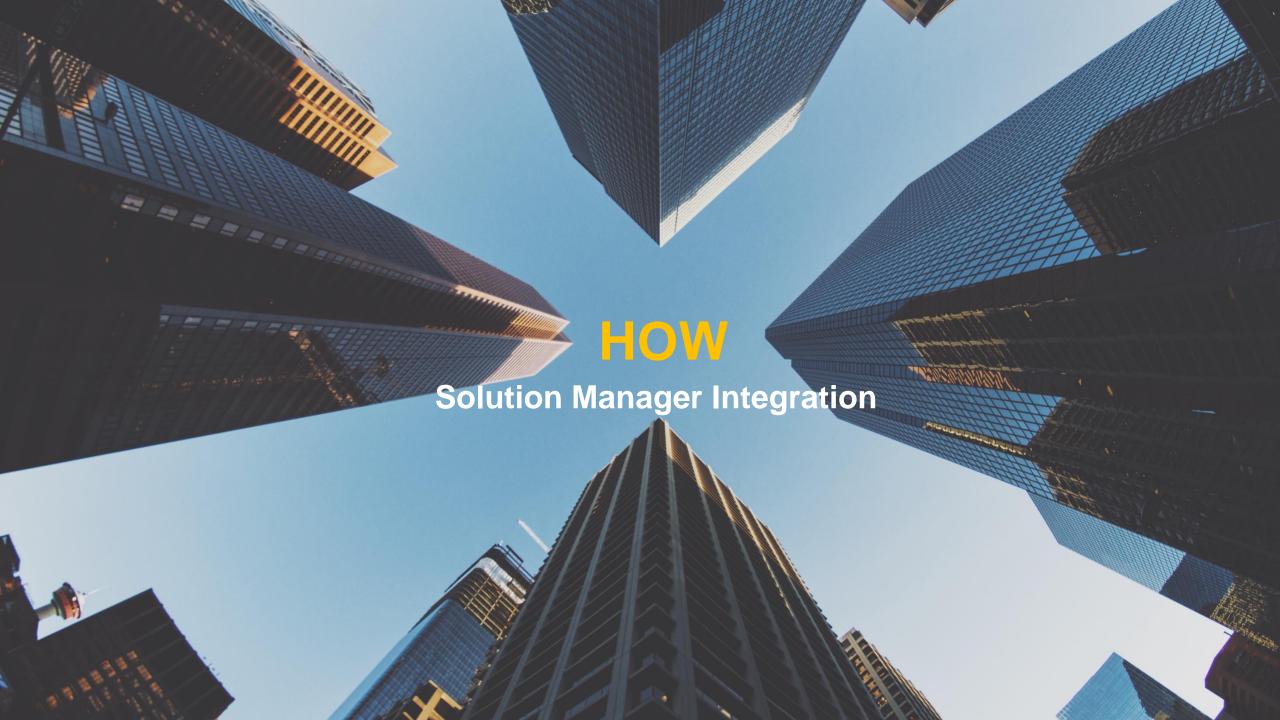
#### **Complete and Integrated MDG Application**

- Data Model with pre-delivered content
- Workflows for Reference Data Governance
- User Interfaces for Reference Data and Meta Data
- Data Replication to Local Staging Area in SAP or non-SAP

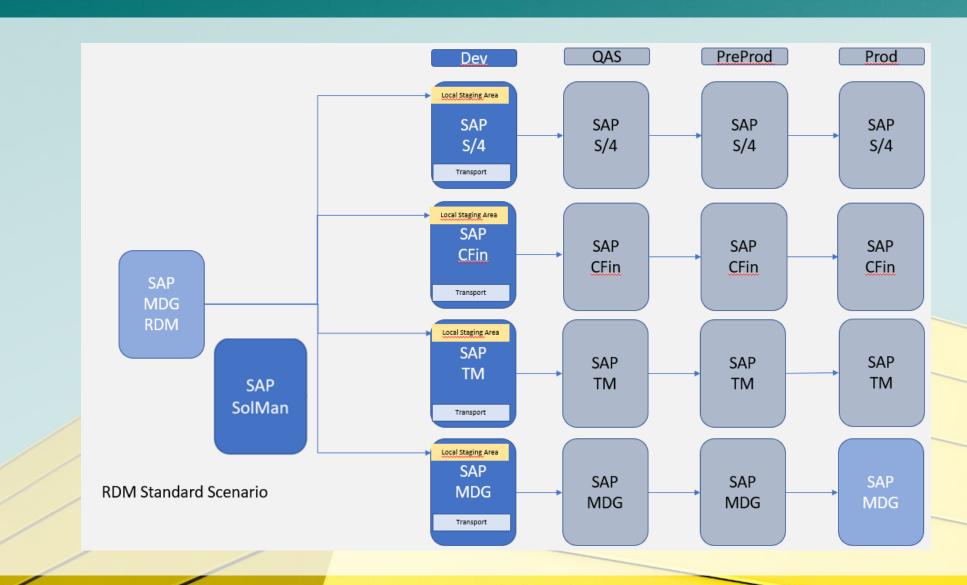
#### **Details**

- Flexible Data Model
- Rule Based Workflows
- User Interfaces (Web Dynpro)
- Data Transfer for Initial Load (XML or CSV)
- Data Replication with Monitoring for Reliability
- Change Documents, Change Request Monitoring

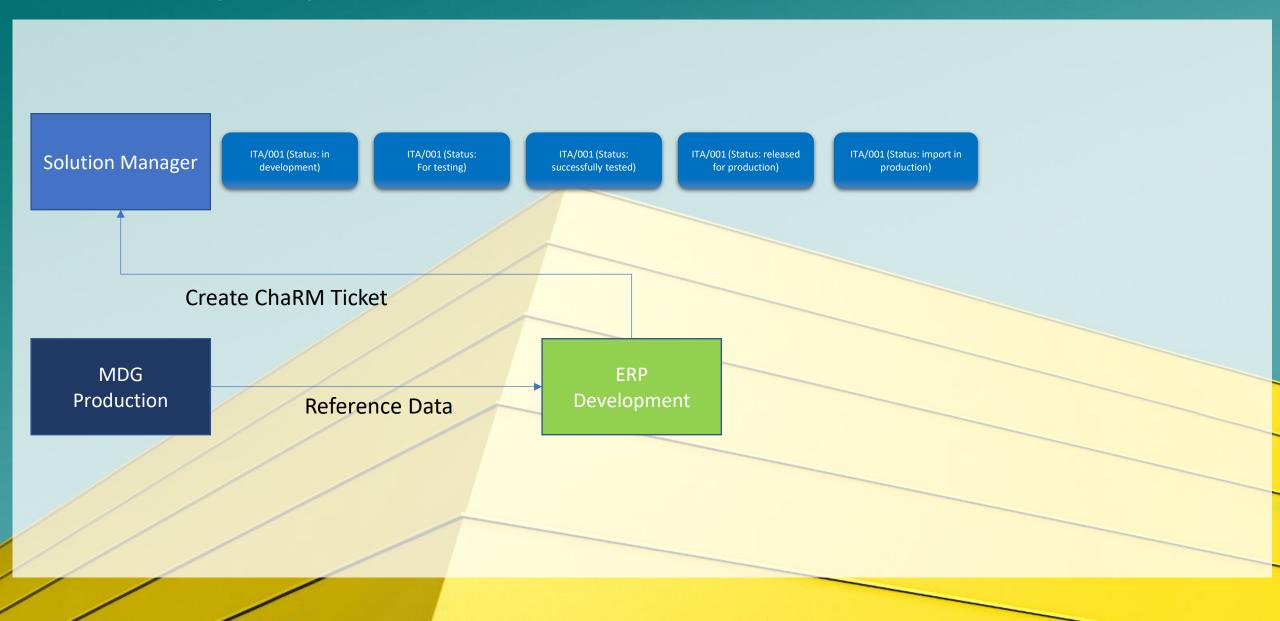




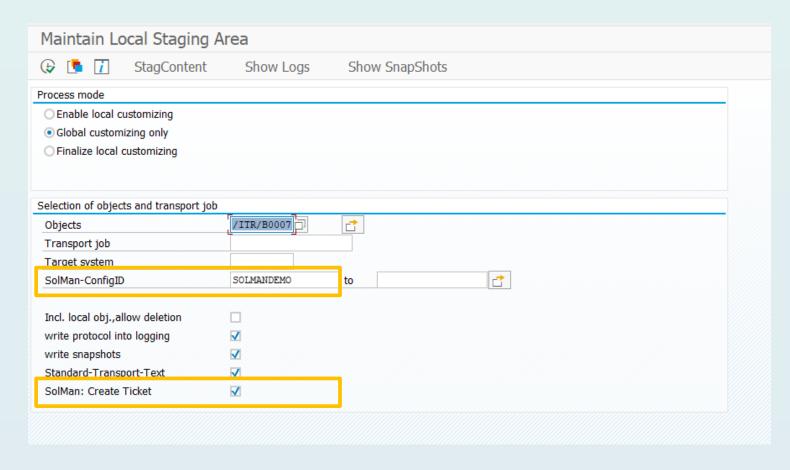
Full IT Governance Alternative, Standard Scenario with or without Solution Manager

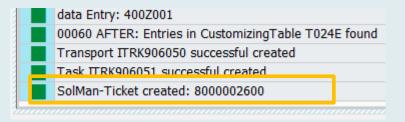


Solution Manager Integration: Create ChaRM Ticket

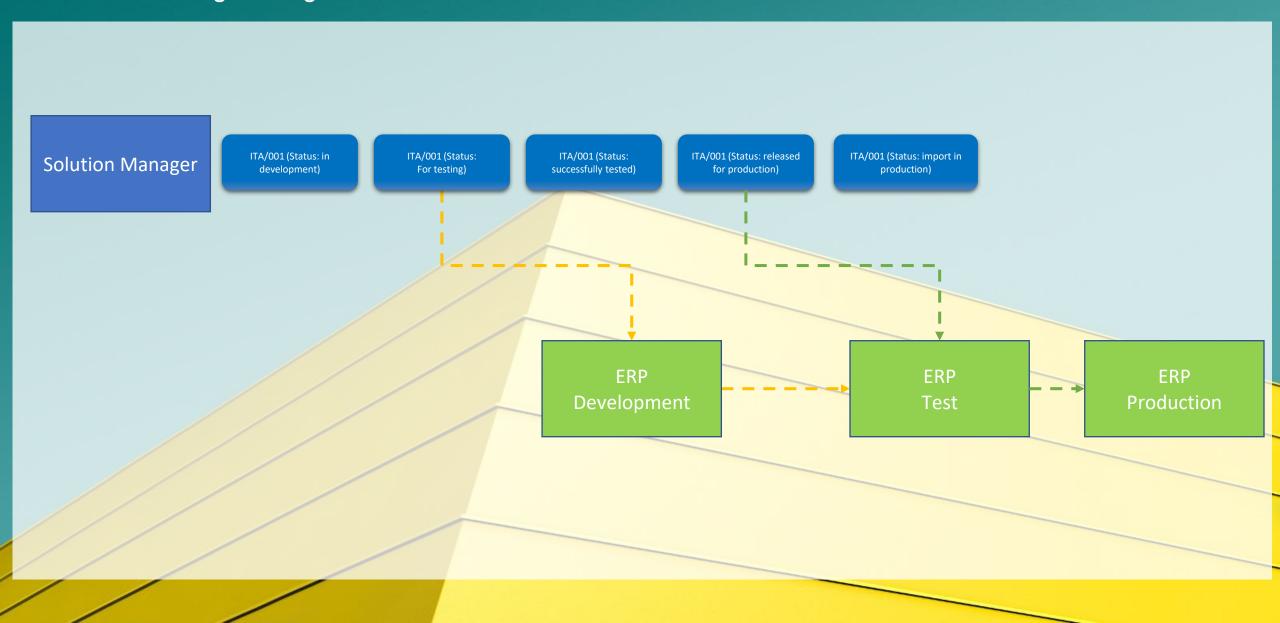


#### Create ChaRM Ticket from Local Staging Area

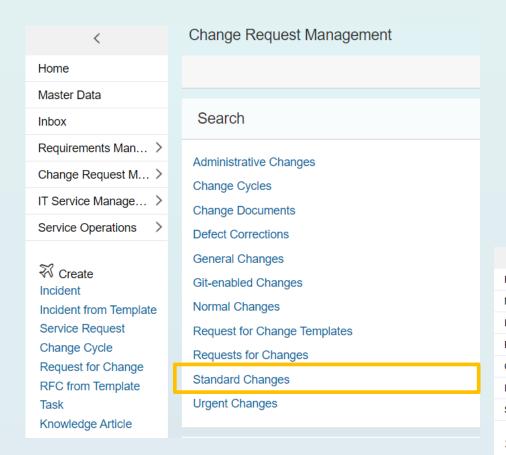


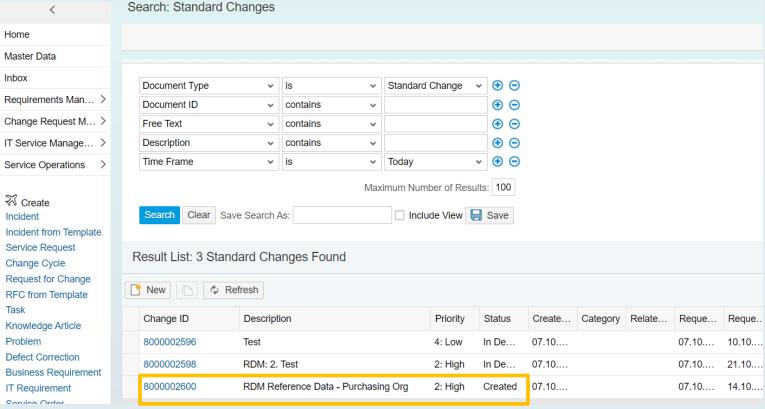


Solution Manager Integration: Process ChaRM Ticket

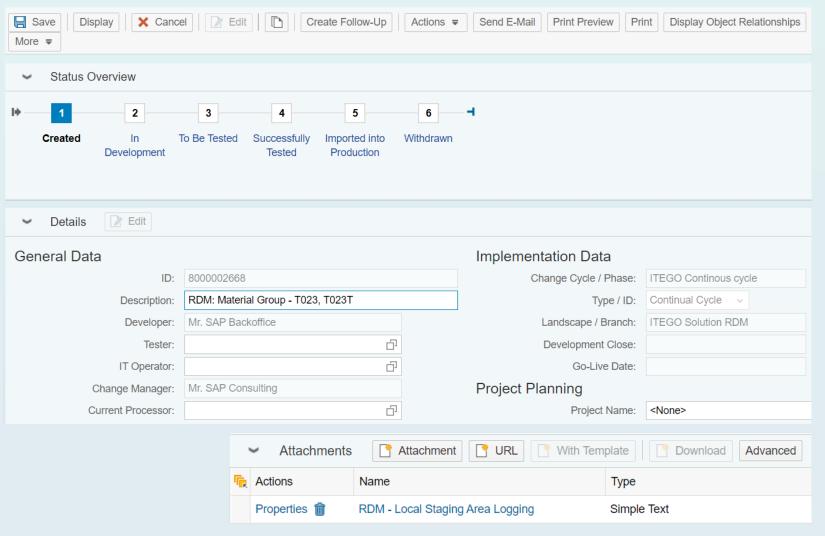


#### Process ChaRM Ticket in Solution Manager / 1





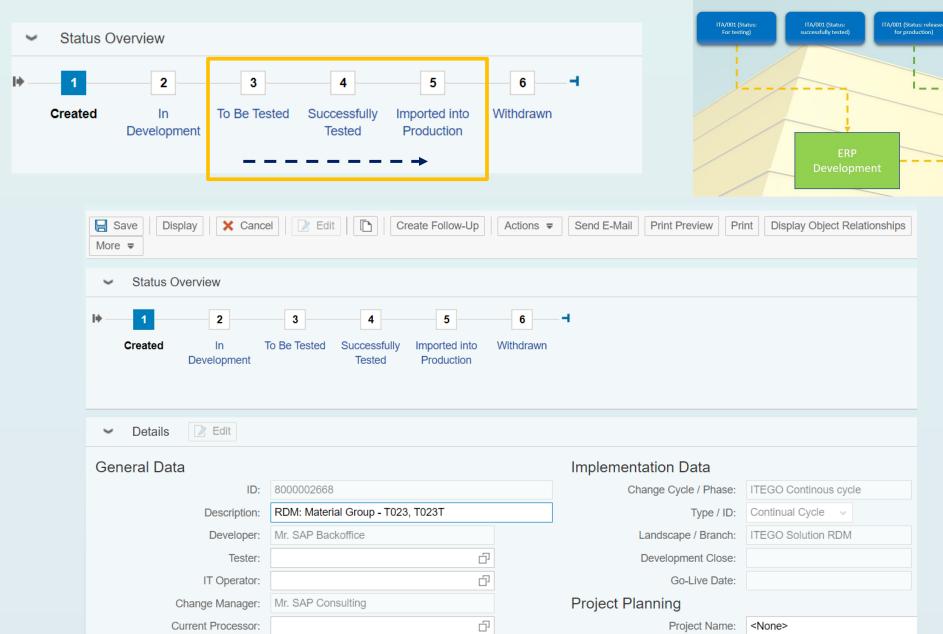
#### Process ChaRM Ticket in Solution Manager / 2



```
Logging started
Delta-Mode selected
Processing started for Object: /ITR/B1072 table: T023
Processing started for Object: /ITR/B1072 table: T023T
Snapshot created with index(es): RDM-T023-124725 table: T023
00023 BEFORE: Entries in CustomizingTable T023 found
Staging entries for /ITR/T023 found 00001
Insert entries for T023 found 00001
Update entries for T023 found 00000
Insert entries for /ITR/T023 processed: 00001
data Entry: 20009
00024 AFTER: Entries in CustomizingTable T023 found
Snapshot created with index(es): RDM-T023T-124726 table: T023T
00028 BEFORE: Entries in CustomizingTable T023T found
Staging entries for /ITR/T023T found 00002
Insert entries for T023T found 00002
Update entries for T023T found 00000
Insert entries for /ITR/T023T processed: 00002
data Entry: 200D09
data Entry: 200E09
00030 AFTER: Entries in CustomizingTable T023T found
Transport IR1K900451 successful created
Task IR1K900452 successful created
Transport IR1K900451 could not be released
End: 2022-10-27T12:47:25
______
```

Start: 2022-10-27T12:47:25

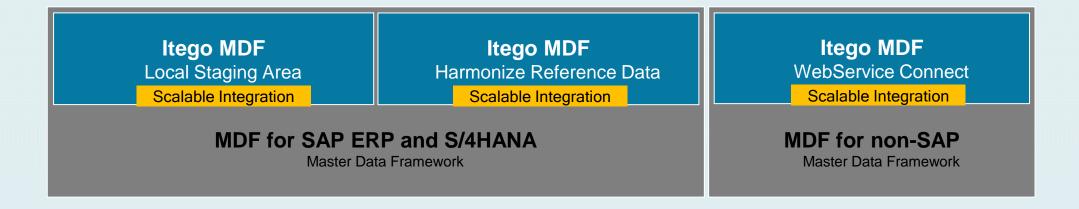
#### Process ChaRM Ticket in Solution Manager / 3

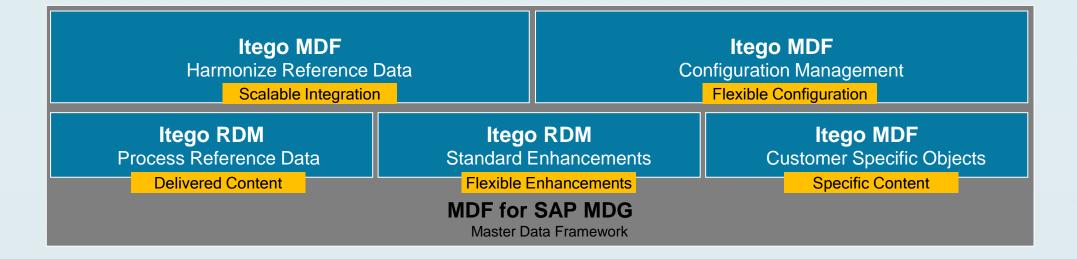


ITA/001 (Status: import in production)

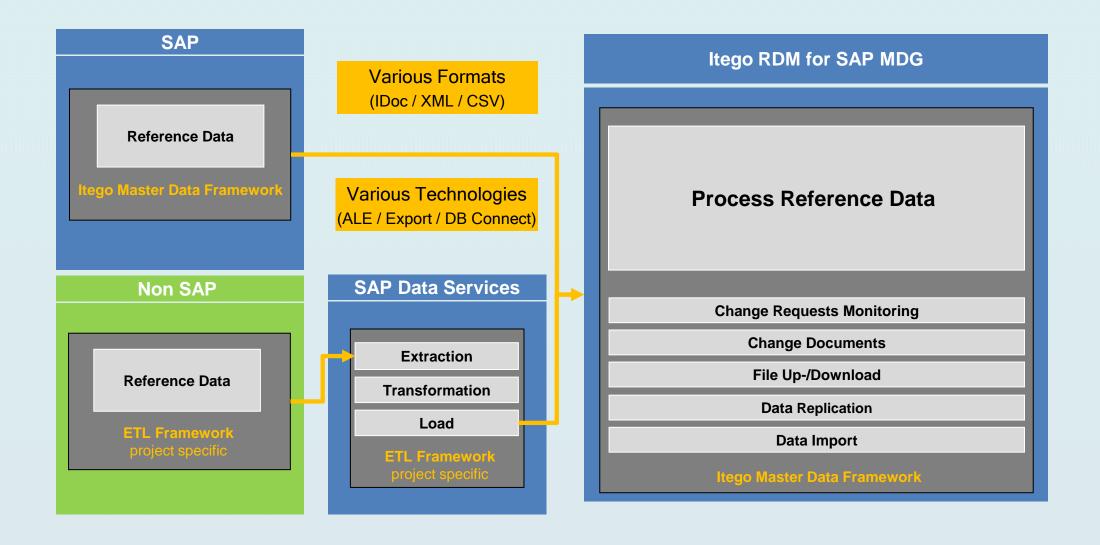


Scenarios and Solution Components

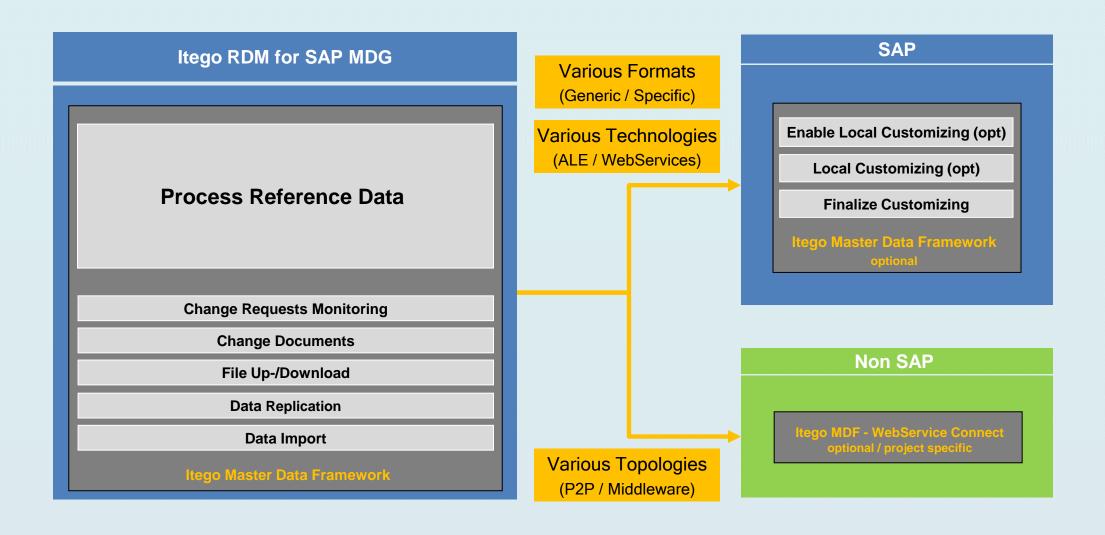




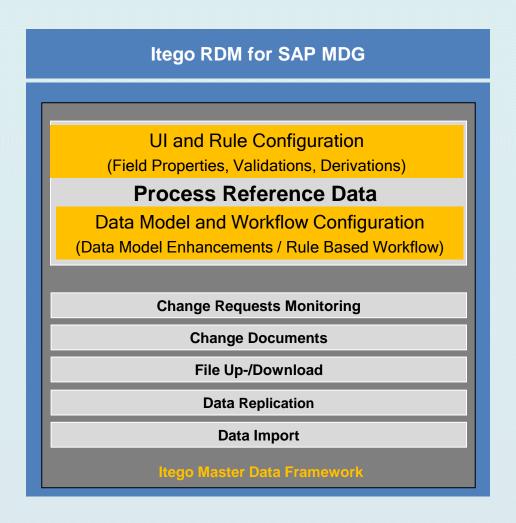
Flexibility for Data Load



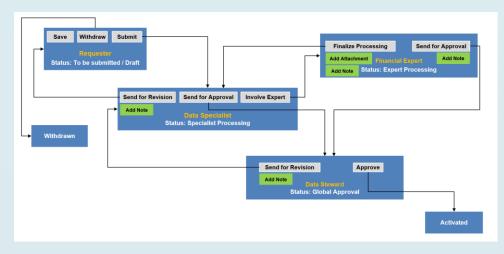
Scalability for Data Replication



Flexible Enhancements for Reference Data Processing







Guided User Interface (UI) and Rule Configuration

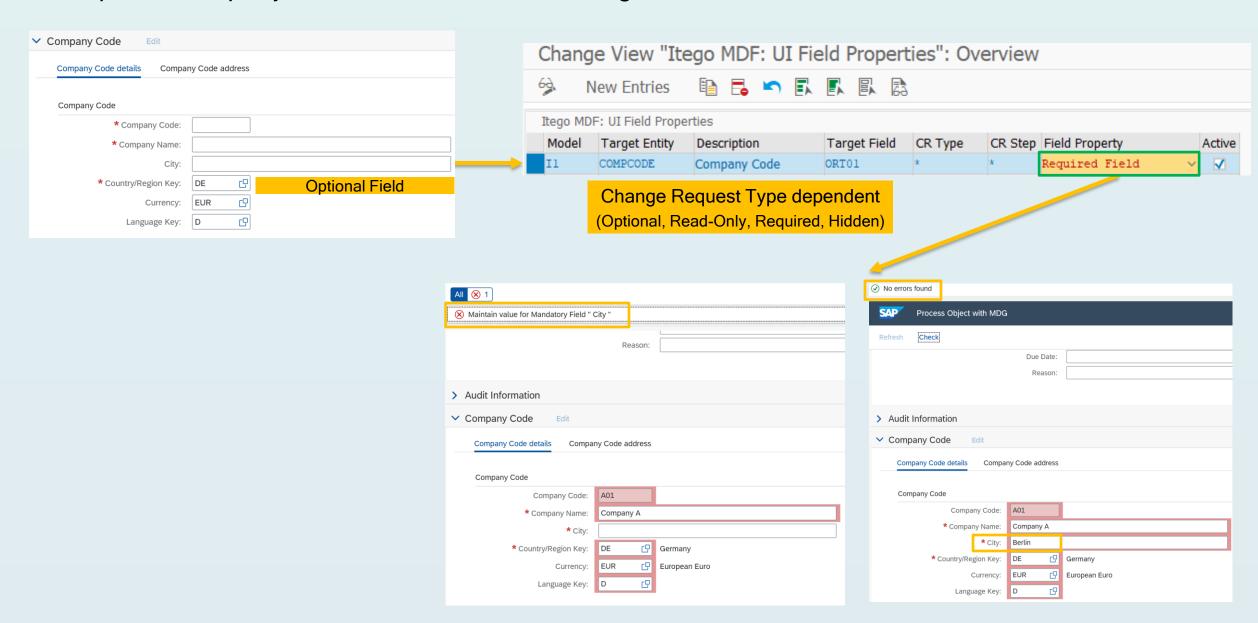
Master Data Framework General Settings **UI Field Properties** · 🔁 🕀 Configure Field Properties Rule Service Configuration Rule Definition Rule Type Definition Define Source Fields for Rules ☼ Define Values for Sources and Target Rules Service Extensibility Adapter Search UI Configuration Configure Search Criteria and Result List

User Interface (UI) Configuration
Maintenance UI: Field Properties

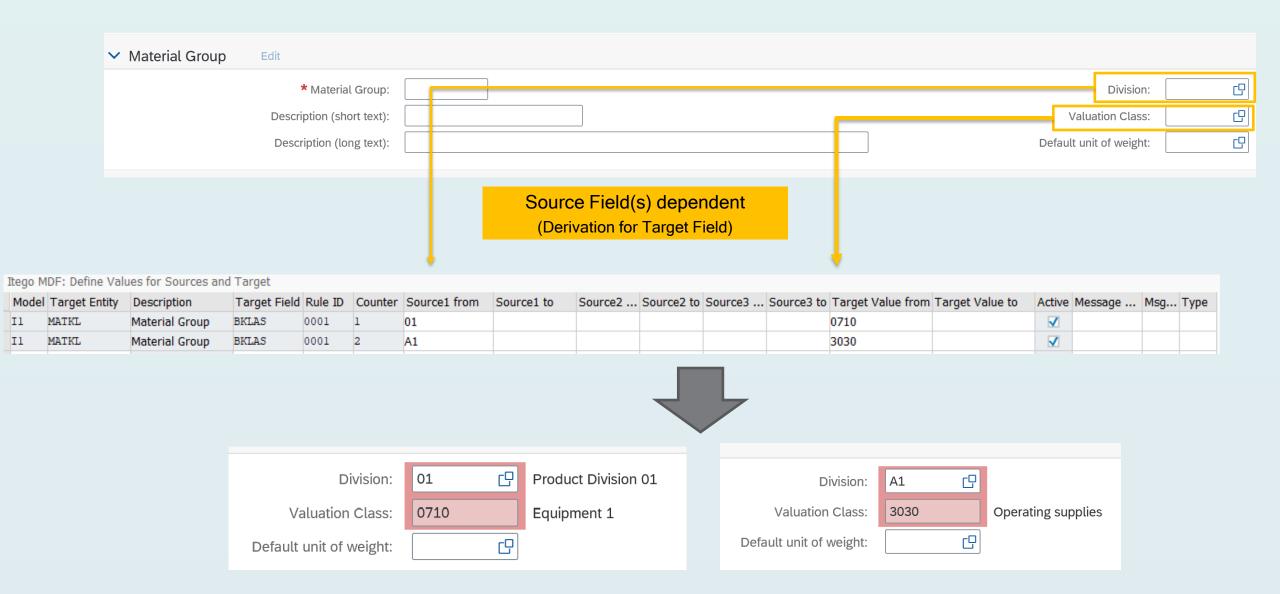
Rule Configuration (Validations, Derivations)

User Interface (UI) Configuration
Search UI: Search Attributes and Result List

Example 1: Company Code - User Interface Configuration

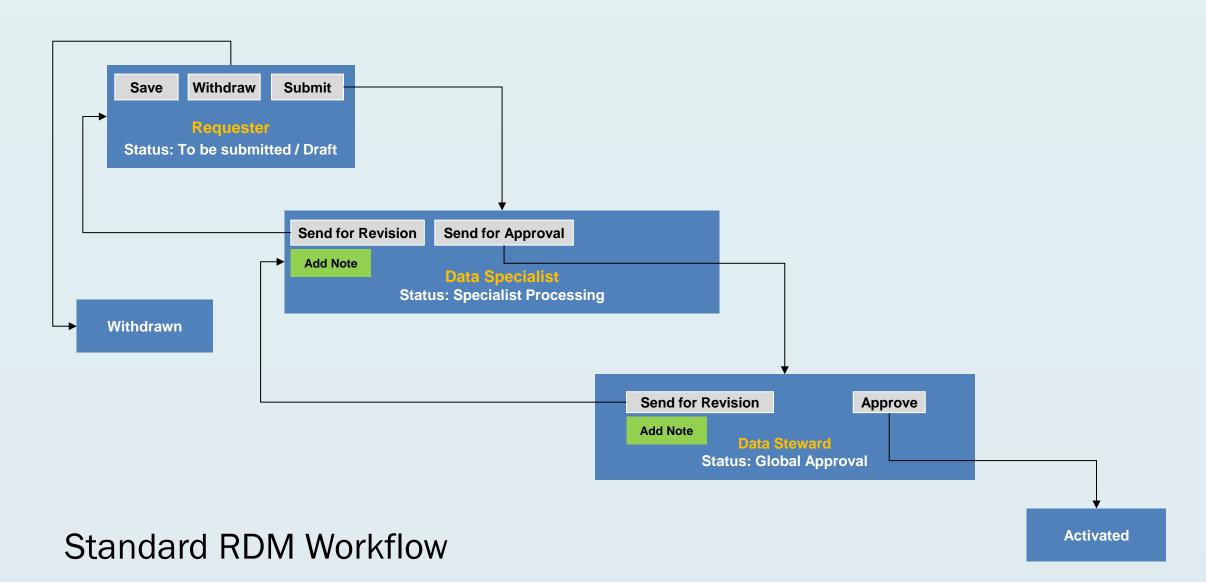


#### Example 2: Rule Configuration - Derivation



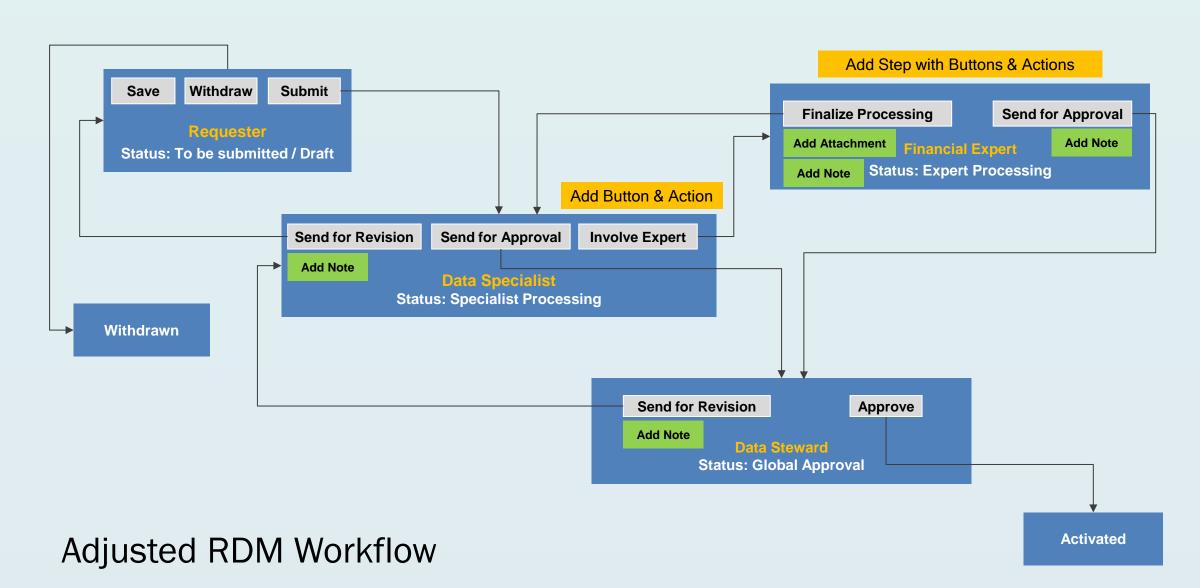
### Itego Master Data Framework & SAP MDG Appl. Framework

Workflow Configuration

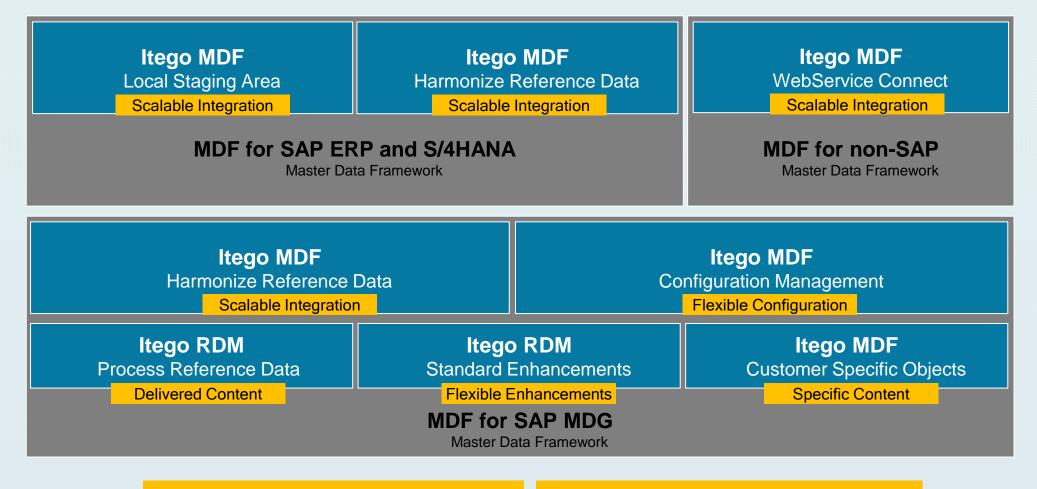


#### Itego Master Data Framework & SAP MDG Appl. Framework

Workflow Configuration



#### Summary



#### **Enabling Itego**

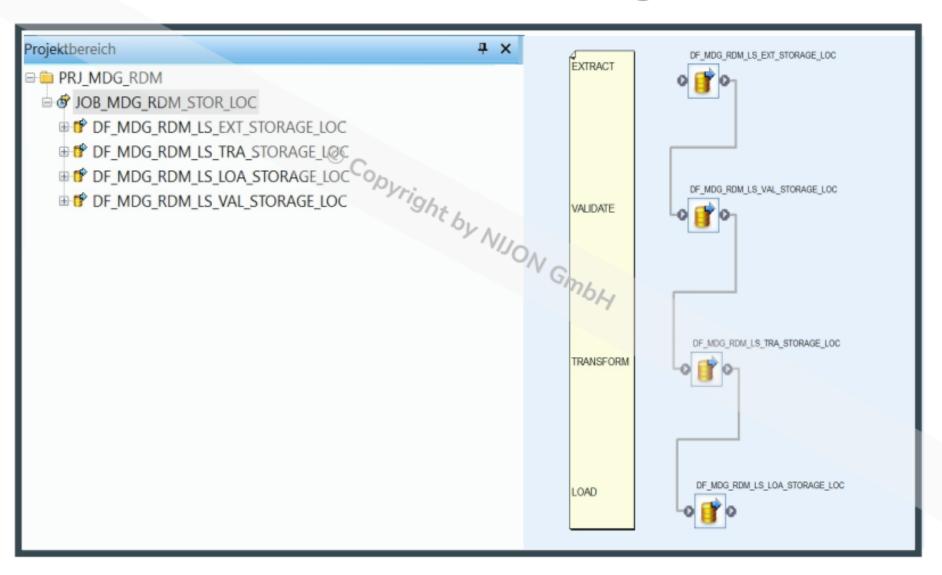
Deliver unmatched content
Deliver new content at unmatched rate / cost

#### **Enabling Customers and Partners**

Enhance and integrate with maximized flexibility Grow MDG and RDM scope as needed

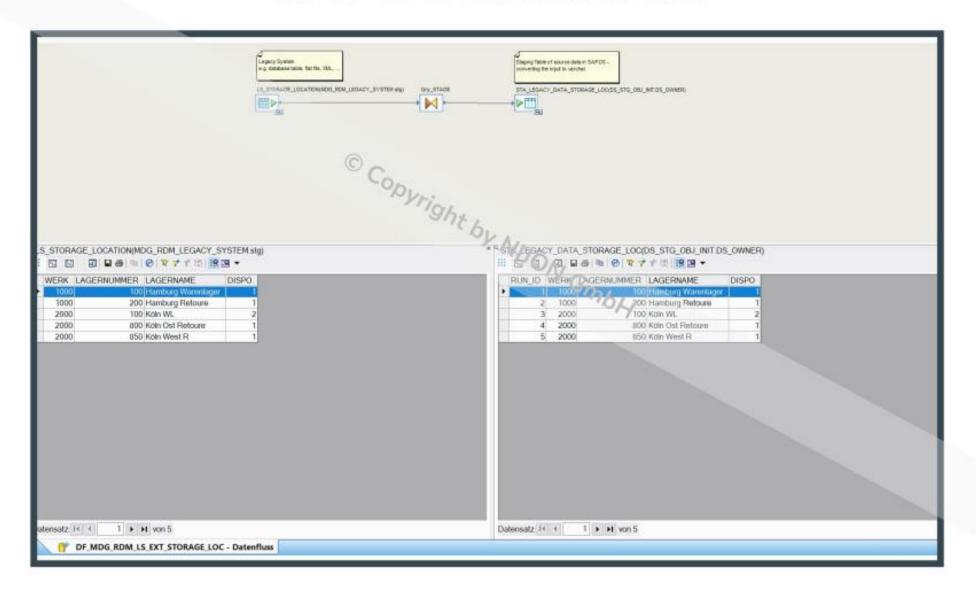


# SAP DS: Initial Load Storage Location



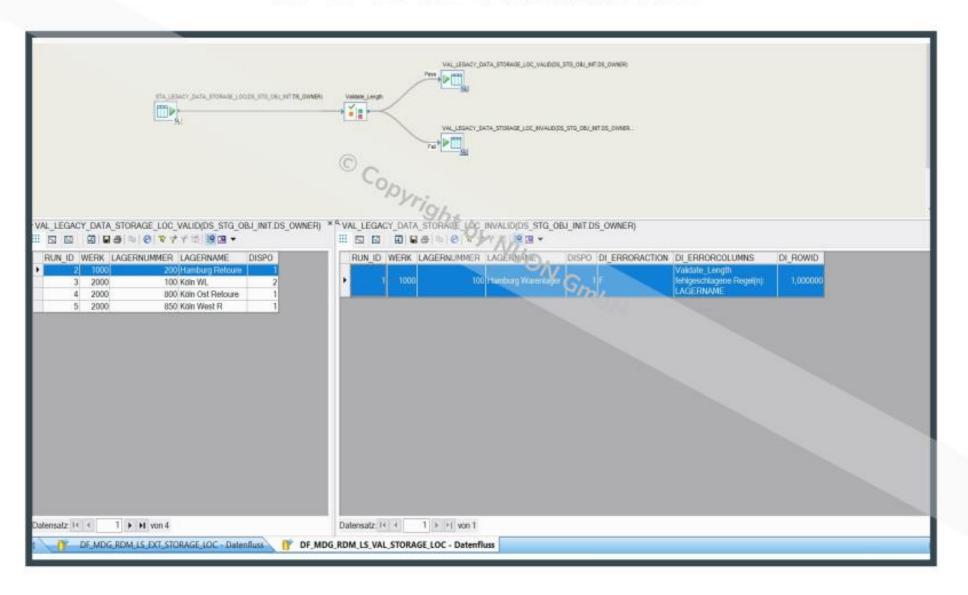


## **SAP DS: Extraction**



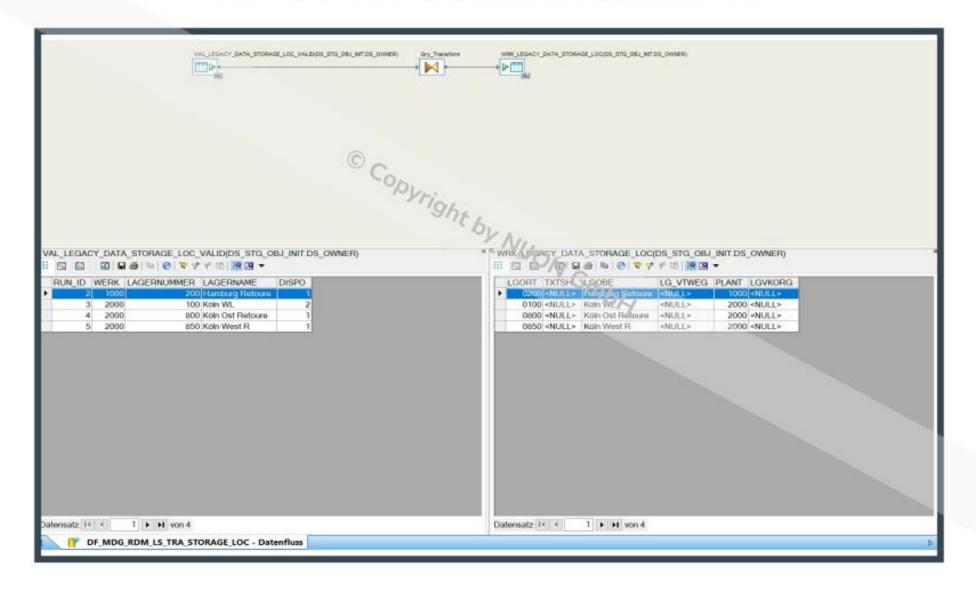


## **SAP DS: Validation**





## **SAP DS: Transformation**



## UUOU

# **SAP DS: Loading**

