

A man with a beard and short brown hair, wearing a white button-down shirt, is smiling and talking on a grey mobile phone. He is in an office environment with blurred background elements like windows and a plant.

**Itego**

**SAP**

## **Reference Data Management (RDM) for SAP MDG**

Why companies need it and how they use it

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A low-angle, upward-looking photograph of several tall, modern skyscrapers with glass facades, reaching towards a clear blue sky. The perspective creates a sense of height and scale, with the buildings' lines converging towards the top of the frame. The lighting suggests late afternoon or early morning, with some buildings showing warm, golden highlights.

**WHY**  
companies need it

# What is reference data?

## Definition

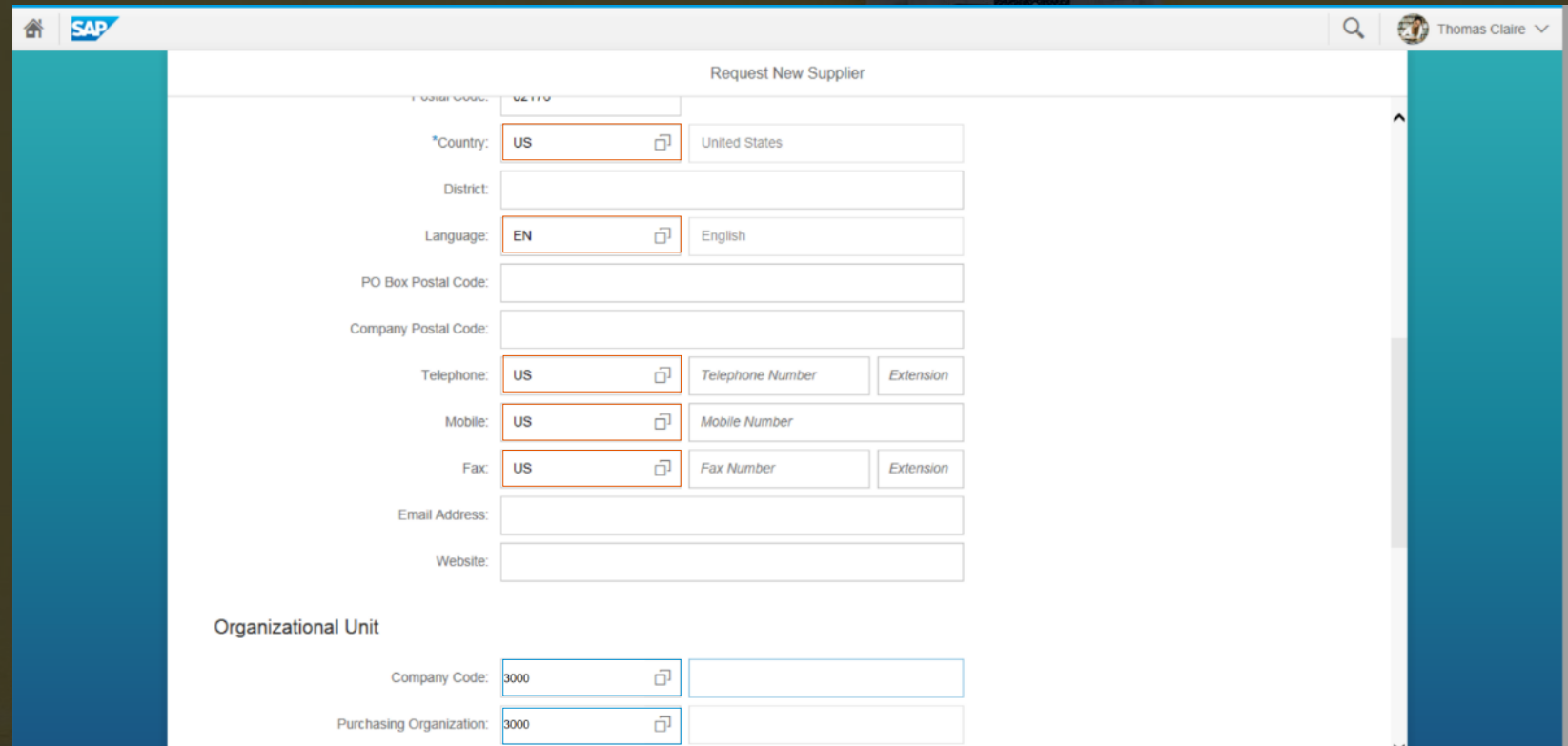
Reference data are data that define the set of permissible values to be used by other data fields (source Wikipedia)

### 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



The screenshot displays the SAP 'Request New Supplier' form. The form includes several fields where reference data is used, highlighted with orange boxes:

- \*Country:** US (United States)
- Language:** EN (English)
- Telephone:** US (Telephone Number)
- Mobile:** US (Mobile Number)
- Fax:** US (Fax Number)
- Company Code:** 3000
- Purchasing Organization:** 3000

The form also includes fields for District, PO Box Postal Code, Company Postal Code, Email Address, Website, and Extension for telephone, mobile, and fax numbers. The SAP logo and user name 'Thomas Claire' are visible in the top header.



# Itego Reference Data Management

What and Why? Data with High Impact

Low Frequency of change  
**but high impact!**

**FREQUENCY OF CHANGE**



**Reference data**



**Master data**



**Conditional master data**



**Transaction data**



**Reporting**



**Logs**

## Examples

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

**DEGREE OF SHARING**

Source: SAP



# Itego RDM – Customer Feedback

## Challenges with Reference Data based on

- Complex organizations and system landscapes
- Insufficient working solutions (SAP or non-SAP)
- Data Replication and Interface Complexity

## Collected from these industries

- |                 |                       |                         |
|-----------------|-----------------------|-------------------------|
| • Automotive    | • Retail              | • Pharma                |
| • High Tech     | • Utilities           | • Chemicals             |
| • Manufacturing | • Oil, Gas and Energy | • Telecommunications    |
| • Engineering   | • Food and Beverages  | • Aerospace and Defense |





# 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





A low-angle, upward-looking photograph of several tall skyscrapers in a city, likely New York City, with the CN Tower visible in the bottom left. The buildings are made of glass and steel, reflecting the sky. The perspective creates a sense of height and scale. The sky is a clear, pale blue.

**HOW**  
companies use it



# Itego Reference Data Management for SAP MDG

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



**Quick Fixes / Reporting**

**Harmonization**

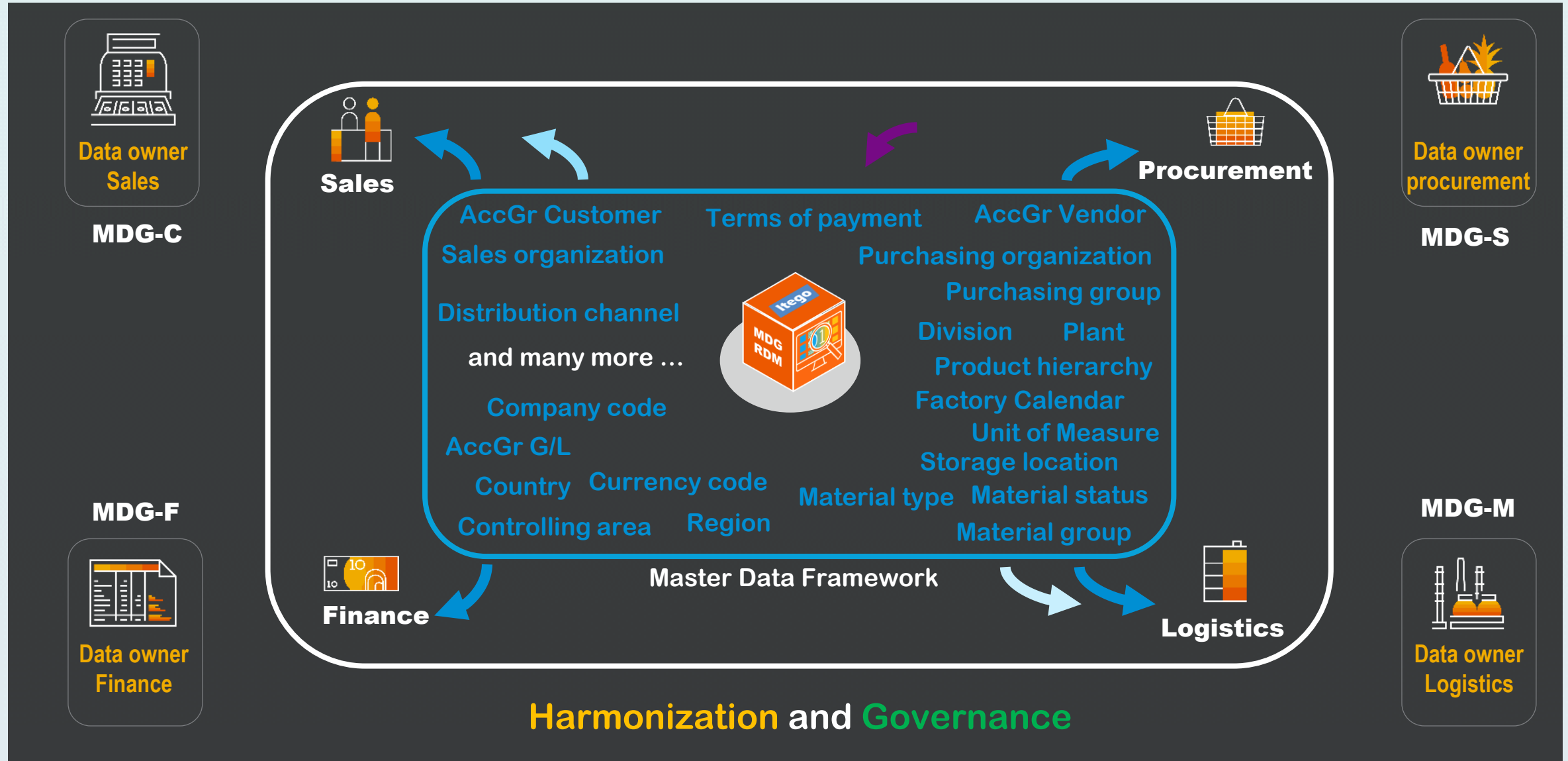


**Governance**



# Itego Reference Data Management

Creating and keeping the Single Source of Truth





A low-angle, upward-looking photograph of several tall skyscrapers in a city, likely New York City, with the CN Tower visible in the bottom left. The buildings are made of glass and steel, reflecting the sky. The perspective creates a sense of height and scale. The sky is a clear, pale blue.

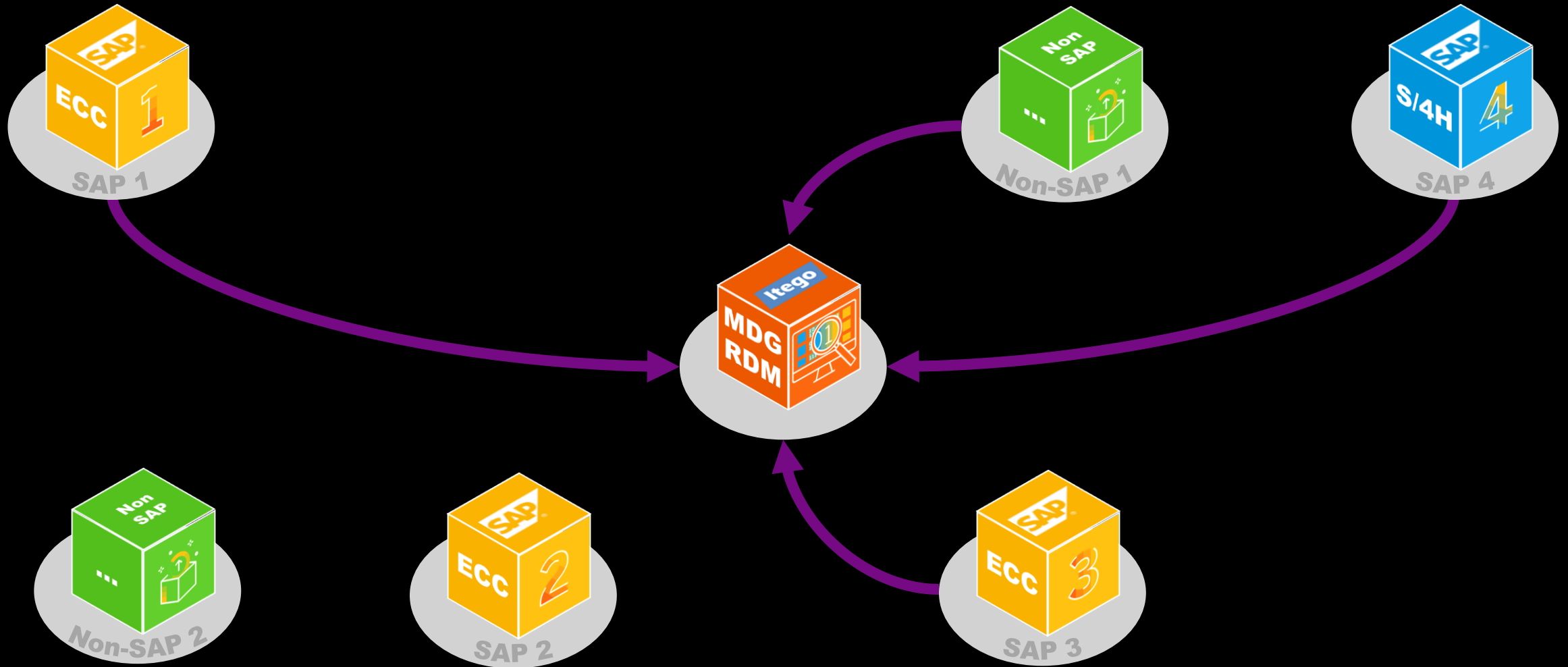
# HOW

## RDM Harmonization



# Itego Reference Data Harmonization

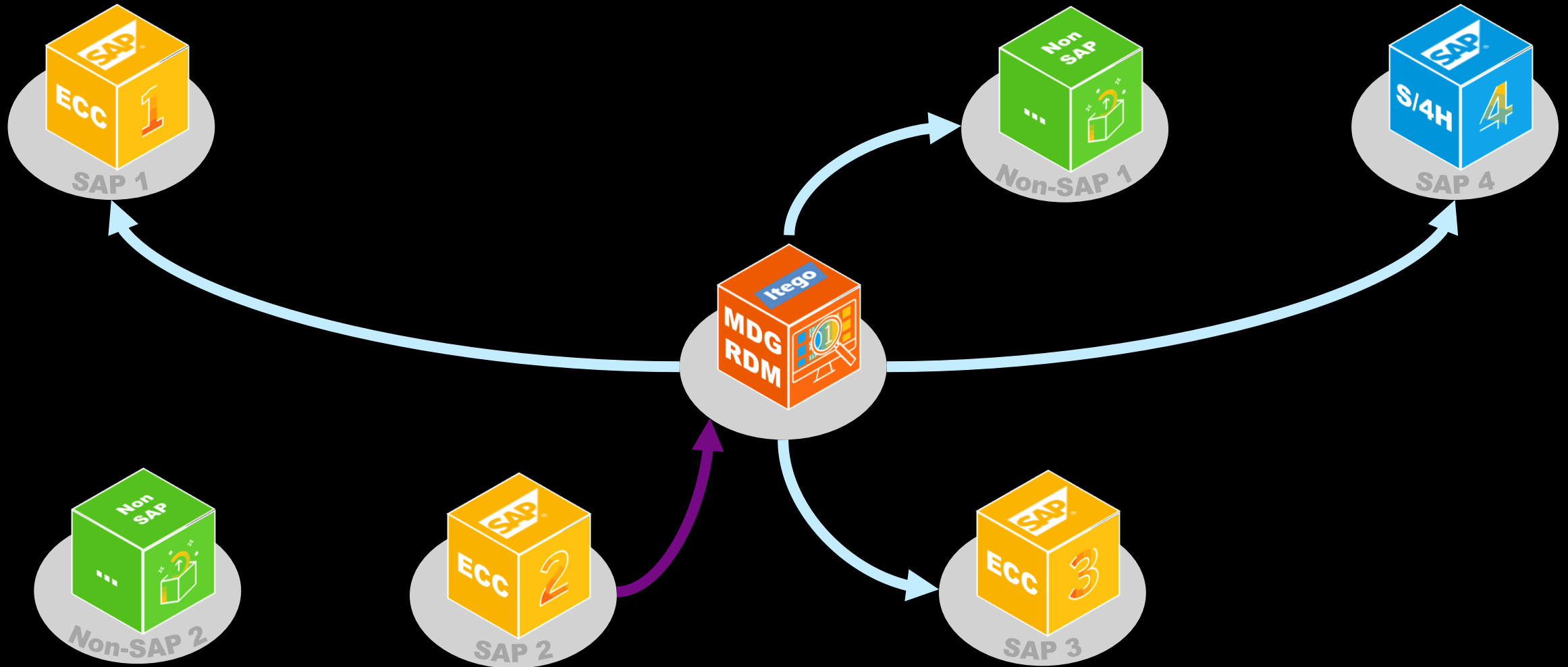
## Step 1: Consolidation





# Itego Reference Data Harmonization

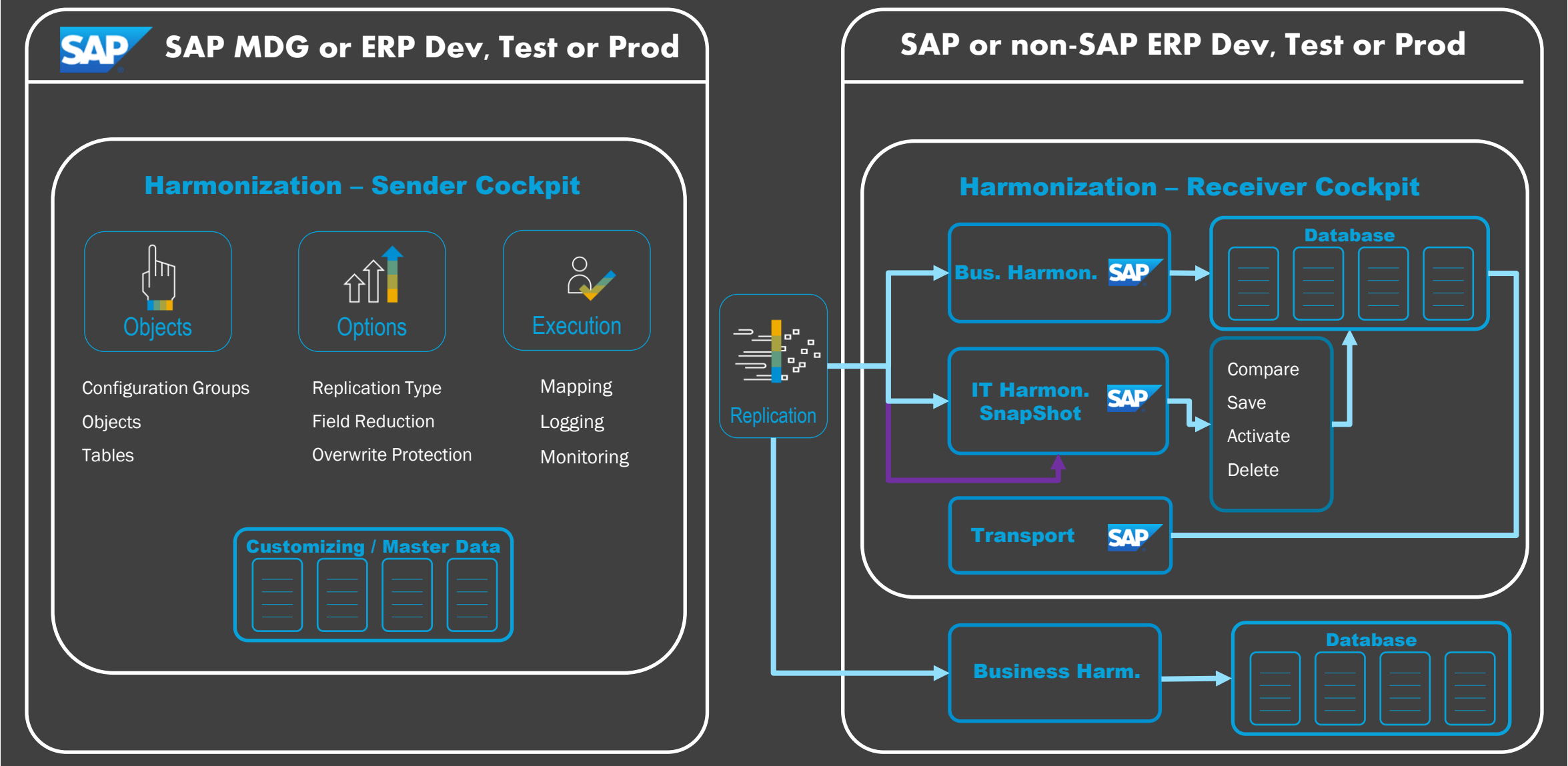
## Step 2: Synchronization





# Itego Reference Data Harmonization

## Harmonization Cockpits





## Sender Cockpit – Configuration, Sending, Monitoring

RefData Harmonization - Groups		
	Configuration G...	Configuration Group Text
<input type="checkbox"/>	FUNCTIONAREA	Functional Area
<input checked="" type="checkbox"/>	SAP-MDGF	MDG-F Customizing Sync

RefData Harmonization - Objects			
	Configuration G...	Table Name	Object key
<input type="checkbox"/>	SAP-MDGF	FAGL_SEGM	100*
<input type="checkbox"/>	SAP-MDGF	FAGL_SEGMT	100*
<input type="checkbox"/>	SAP-MDGF	J_1AINFMET	100*
<input type="checkbox"/>	SAP-MDGF	J_1AINFMTX	100*
<input type="checkbox"/>	SAP-MDGF	J_1AINFSKS	100*
<input type="checkbox"/>	SAP-MDGF	SKM1	100*
<input type="checkbox"/>	SAP-MDGF	T001	100*
<input type="checkbox"/>	SAP-MDGF	T001S	100*
<input type="checkbox"/>	SAP-MDGF	T002	100*
<input type="checkbox"/>	SAP-MDGF	T003	100*
<input type="checkbox"/>	SAP-MDGF	T004	100*
<input type="checkbox"/>	SAP-MDGF	T004F	100*
<input type="checkbox"/>	SAP-MDGF	T004G	100*
<input type="checkbox"/>	SAP-MDGF	T004T	100*
<input type="checkbox"/>	SAP-MDGF	T004V	100*
<input type="checkbox"/>	SAP-MDGF	T005	100*
<input type="checkbox"/>	SAP-MDGF	T005S	100*
<input type="checkbox"/>	SAP-MDGF	T006	100*

<b>ObjectSelection</b>					
Table(s):	BNKA				
View(s):					
Objectgroup(s):	SAP-MDGF				
<b>ALE / Webservice</b>					
MessageType:	/ITG/Generic				
* Logical System:	IR1200				
Port for Webservice:					
<b>Mode</b>					
<input type="radio"/> Transfer	<input type="radio"/> Single				
<input type="radio"/> Bundle	<input checked="" type="radio"/> SnapShot				
<b>Options</b>					
Scope	<input type="radio"/> with address <input checked="" type="radio"/> without address				
Heterogen	<input type="radio"/> Yes <input checked="" type="radio"/> No				
Logging	<input checked="" type="radio"/> Yes <input type="radio"/> No				
Changes	<input type="radio"/> Yes <input checked="" type="radio"/> No				
OnlineSele	<input type="radio"/> Yes <input checked="" type="radio"/> No				
Test	<input type="radio"/> Yes <input checked="" type="radio"/> No				
DetailList	<input checked="" type="radio"/> Yes <input type="radio"/> No				
<b>Idocs selected : 00000003</b>					
<input type="button" value="🔍"/> <input type="button" value="☰"/> <input type="button" value="🔍"/> <input type="button" value="🔍"/> <input type="button" value="📄"/> <input type="button" value="Σ"/> <input type="button" value="Σ"/> <input type="button" value="🖨️"/> <input type="button" value="📅"/> <input type="button" value="📅"/> <input type="button" value="🏠"/> <input type="button" value="👤"/> <input type="button" value="↺"/>					
IDoc number	Status	Status Grouping	IDoc number	Status	Partn.no.
<input type="checkbox"/> 106001	03	■	88001	53	IH1400
<input type="checkbox"/> 106002	03	■	39001	53	IR1200
<input checked="" type="checkbox"/> 106003	03	■	39002	53	IR1200




# Itego Reference Data Harmonization

## Receiver Cockpit – Controlled Consolidation (Comparison, Activation, Logging)

Expert

Send/Receive



Groups and ForeignKeys

Configuration Groups

Foreign Keys

Business Objects

Recreate Foreign Keys

Send and Activate

Send

Monitoring

Activation

Logging

Settings

Field Reduction

Field Reduction

Overwrite Protection

Compare (Overview)

All differences

Save Before Activate

Set Active-Flags

Delete Active-Flags

Activate (all)

Compare Addr.

	Table Name	DB-Entries	AD-Entries	Short Description
517	TKA00	42		Control parameters for controlling areas
	TKA01	39		Controlling Areas
	TKA02	40		Controlling area assignment
952	TKA00	42		Control parameters for controlling areas
	TKA01	39		Controlling Areas
	TKA02	39		Controlling area assignment
351	TKA00	42		Control parameters for controlling areas
<input checked="" type="checkbox"/>	TKA01	39		Controlling Areas
<input type="checkbox"/>	TKA02	39		Controlling area assignment

Table	Key	Field Name	Short Description	Long Field Label	SnapShotValue	DBValue
<input type="checkbox"/> TKA01	xxx0003	BEZEI	Name of the controlling area	Name	SAP US (is-ht-sw)	SAP US (demo)
<input type="checkbox"/>		VNAME	Person Responsible for the Controlling Area	Person Responsible		IT_ALL_01

Table Name	DB-Entries	Short Description	DB-Only	Ind_Only	Diff	Ident
<input type="checkbox"/> TKA00	42	Control parameters for controlling areas				42
<input checked="" type="checkbox"/> TKA01	39	Controlling Areas			1	38

Copy Text

Details

Optimize Width

Unfreeze Columns

Spreadsheet...

Delete

Compare

Compare (Overview)

All differences

Copy Text

Details

Optimize Width

Unfreeze Columns

Spreadsheet...

Activate

CO Area	Name	Crcy	Chart of Accts	FV
<input checked="" type="checkbox"/> 0003	SAP US (is-ht-sw)	USD	INT	K4



A low-angle, upward-looking photograph of several tall skyscrapers with glass facades, converging towards the top of the frame against a clear blue sky. The perspective creates a sense of height and scale.

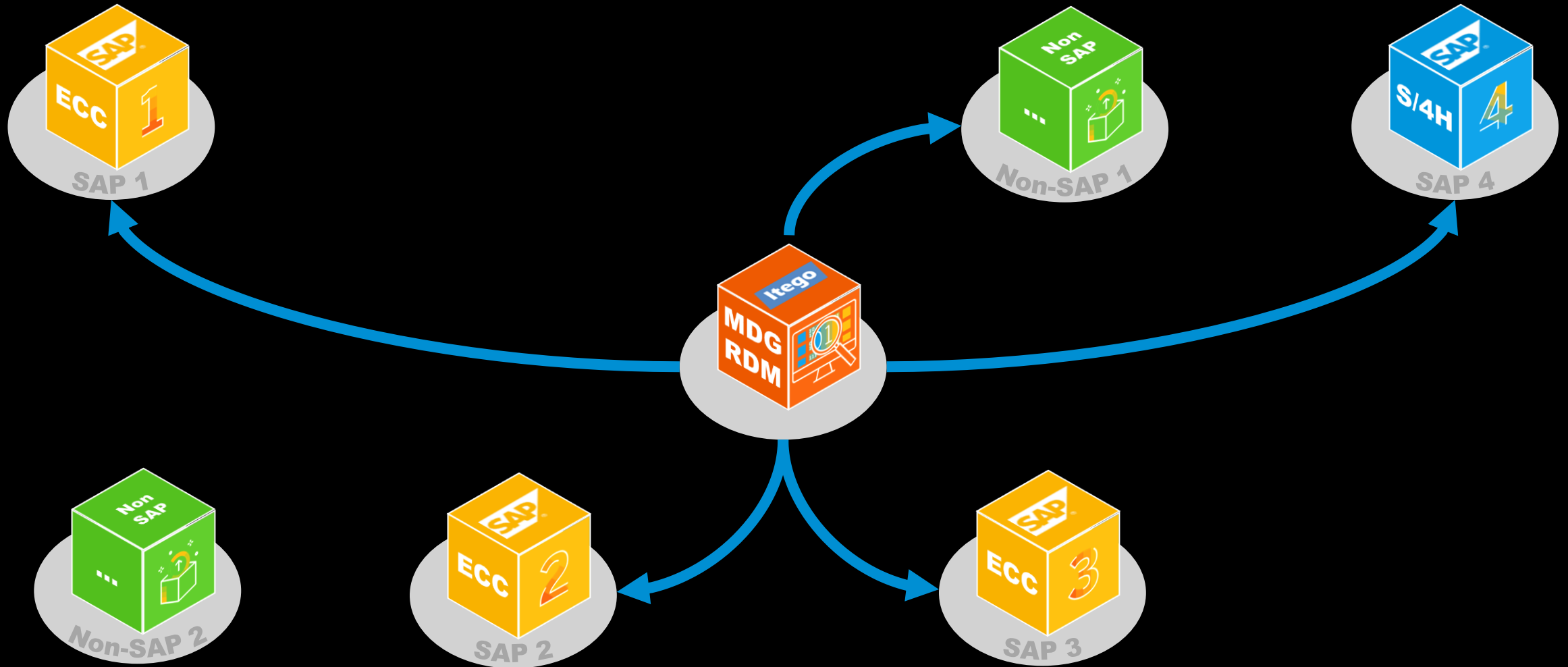
# HOW

## RDM Governance



# Itego Reference Data Governance

Workflow Driven Maintenance



# Itego Reference Data Governance

Processes for all Objects

## CREATE



**Data steward**

The data steward creates the data

## REQUEST & APPROVE



**Data specialist**

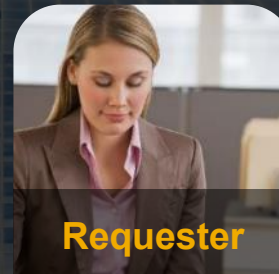
The data specialist requests and completes the data



**Data steward**

The request is approved or rejected

## REQUEST, PROCESS & APPROVE



**Requester**

A request for a change in the reference data is made



**Data specialist**

The data specialist enriches the data setup



**Data steward**

The request is approved or rejected



```
graph TD; subgraph Requester_Box [Requester  
Status: To be submitted / Draft]; Save; Withdraw; Submit; end; subgraph DS_Box [Data Specialist  
Status: Specialist Processing]; SendRev1[Send for Revision]; SendApp1[Send for Approval]; AddNote1[Add Note]; end; subgraph DS_Box2 [Data Steward  
Status: Global Approval]; SendRev2[Send for Revision]; Approve; AddNote2[Add Note]; end; Withdrawn; Activated; Requester_Box -- Save --> Requester_Box; Requester_Box -- Withdraw --> Withdrawn; Requester_Box -- Submit --> DS_Box; DS_Box -- Send for Revision --> Requester_Box; DS_Box -- Send for Approval --> DS_Box2; DS_Box -- Add Note --> DS_Box; DS_Box2 -- Send for Revision --> DS_Box; DS_Box2 -- Approve --> Activated; DS_Box2 -- Add Note --> DS_Box2;
```

The flowchart illustrates the Request for Data Access process, starting with the Requester and moving through the Data Specialist and Data Steward stages.

**Requester (Status: To be submitted / Draft)**

- Buttons: Save, Withdraw, Submit
- Flow: Save leads to the Requester box; Withdraw leads to the Withdrawn box; Submit leads to the Data Specialist box.

**Data Specialist (Status: Specialist Processing)**

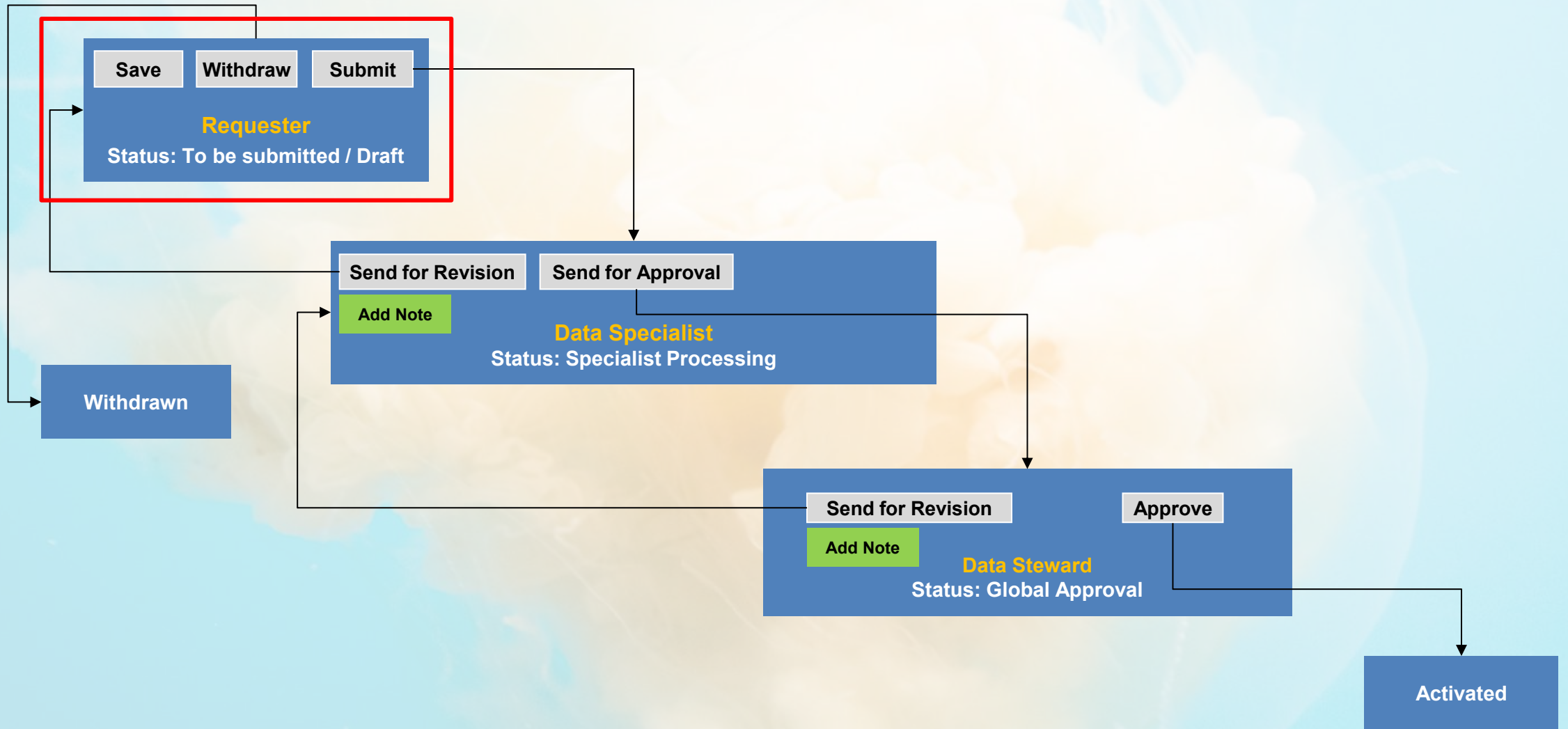
- Buttons: Send for Revision, Send for Approval, Add Note
- Flow: Send for Revision leads back to the Requester box; Send for Approval leads to the Data Steward box; Add Note leads to the Data Specialist box.

**Data Steward (Status: Global Approval)**


- Buttons: Send for Revision, Approve, Add Note
- Flow: Send for Revision leads back to the Data Specialist box; Approve leads to the Activated box; Add Note leads to the Data Steward box.

**Withdrawn**

**Activated**



# Demo: Short Overview

 Home ▾

Reference Data Governance ▾    Reference Data Harmonization

Financials

Change Requests and Documents

Change Requests  
Inbox

My Change  
Request

Display Change  
Requests

Display Change  
Documents

Objects

Business Area  
Search & Create

Chart Of Accounts  
Search & Create

Company Code  
Search & Create

Controlling Area  
Search & Create

Customer Account  
Group  
Search & Create

Currency Key  
Search & Create

Document Type  
Search & Create

Exchange Rates  
Search & Create

Functional Area  
Search & Create

G/L Account Group  
Search & Create

Operating Concern  
Search & Create

Tax Code  
Search & Create

Valuation Class  
Search & Create

Vendor Account  
Group  
Search & Create



# Select or Search for Country

The screenshot displays the SAP Reference Data Governance interface. At the top, the SAP logo and 'Home' dropdown are visible. Below this, the 'Reference Data Governance' and 'Reference Data Harmonization' tabs are shown. A dropdown menu is open, listing various business areas: Financials, Logistics, Sales and Distribution, Human Resources, General Settings (highlighted with a red box), Classification, and Purchasing. In the 'Objects' section, three cards are displayed: 'Country Search & Create' (highlighted with a red box), 'Language key Search & Create', and 'Regions Search & Create'. The background of the interface is light gray, and the overall design is clean and professional.

SAP Home ▾

Reference Data Governance ▾ Reference Data Harmonization

General Settings

Country Search & Create

Language key Search & Create

Regions Search & Create

# Search and Change

< **SAP** Search: Country

Search Method:

Search Criteria Saved Searches:

Country/Region Key	equal to	<input type="text" value="Value"/>	✕ +
Description (short text)	equal to	<input type="text" value="G*"/>	✕ +
Description (long text)	equal to	<input type="text" value="Value"/>	✕ +
ISO Code	equal to	<input type="text" value="Value"/>	✕ +

☒ Maximum Number of Results:

Save Search As:

Result List: 16 records found

<input type="checkbox"/>	Pending Ch...	Country/Region Key	Description (short text)	Description (long text)	ISO Code	ISO Code 3 Characters	ISO Code Numeric 3-...
<input type="checkbox"/>		DE	Germany	Germany	DE	DEU	276
<input type="checkbox"/>		GA	Gabon	Gabon	GA	GAB	266
<input type="checkbox"/>		GD	Grenada	Grenada	GD	GRD	308
<input type="checkbox"/>		GE	Georgia	Georgia	GE	GEO	268
<input type="checkbox"/>		GG	Guernsey	Guernsey (Channel Islands)	GG	GGY	831
<input type="checkbox"/>		GH	Ghana	Ghana	GH	GHA	288
<input type="checkbox"/>		GI	Gibraltar	Gibraltar	GI	GIB	292
<input type="checkbox"/>		GL	Greenland	Greenland	GL	GRL	304
<input type="checkbox"/>		GM	Gambia	Gambia	GM	GMB	270
<input type="checkbox"/>		GN	Guinea	Guinea	GN	GIN	324



# Audit Information / Highlight Change / Descriptions / Governance

> Change Request

▼ Audit Information

Audit Information

Created On: 05.03.2021 17:23:22

Changed On: 04.08.2022 16:20:44

Approved On: 04.08.2022 16:19:23

Created By: IT\_ALL\_02

Changed By: IT\_ALL\_01

Approved By User: IT\_ALL\_01

▼ Country

Country/Region Key: DE

General data

Name: Germany

Long name: Germany

Nationality:

Nationality (Long):

Vehicle Ctry/Reg Key: D

Index-Based Currency:

Language Key:

Hard Currency: EUR

Attributes

ISO Code: DE

ISO Code 3 Characters: DEU

ISO Code Numeric 3-Chars.: 276

Procedure: TAXD

Trade Stat.Short Name: DEUT

Intrastat Code: 004

EU Member: ☒

Net Discount Base: ☐

Capital Goods Ind.: ☐

Net Tax base: ☐

Date Format and Decimal Format

Decimal Format: 1.234.567,89

Date format: DD.MM.YYYY (Gregorian Date)

Address Checks

Postal code required: ☒

PO Box postal code: ☒

Postal code length: 05

Address format

Address layout key: 015

▼ Country Descriptions

New Copy

Actions	Changes	Language Key	Language Key Description	Description (long text)
<input type="radio"/>		DE	German	Deutschland
<input type="radio"/>		EN	English	Germany

Save

Send for Revision

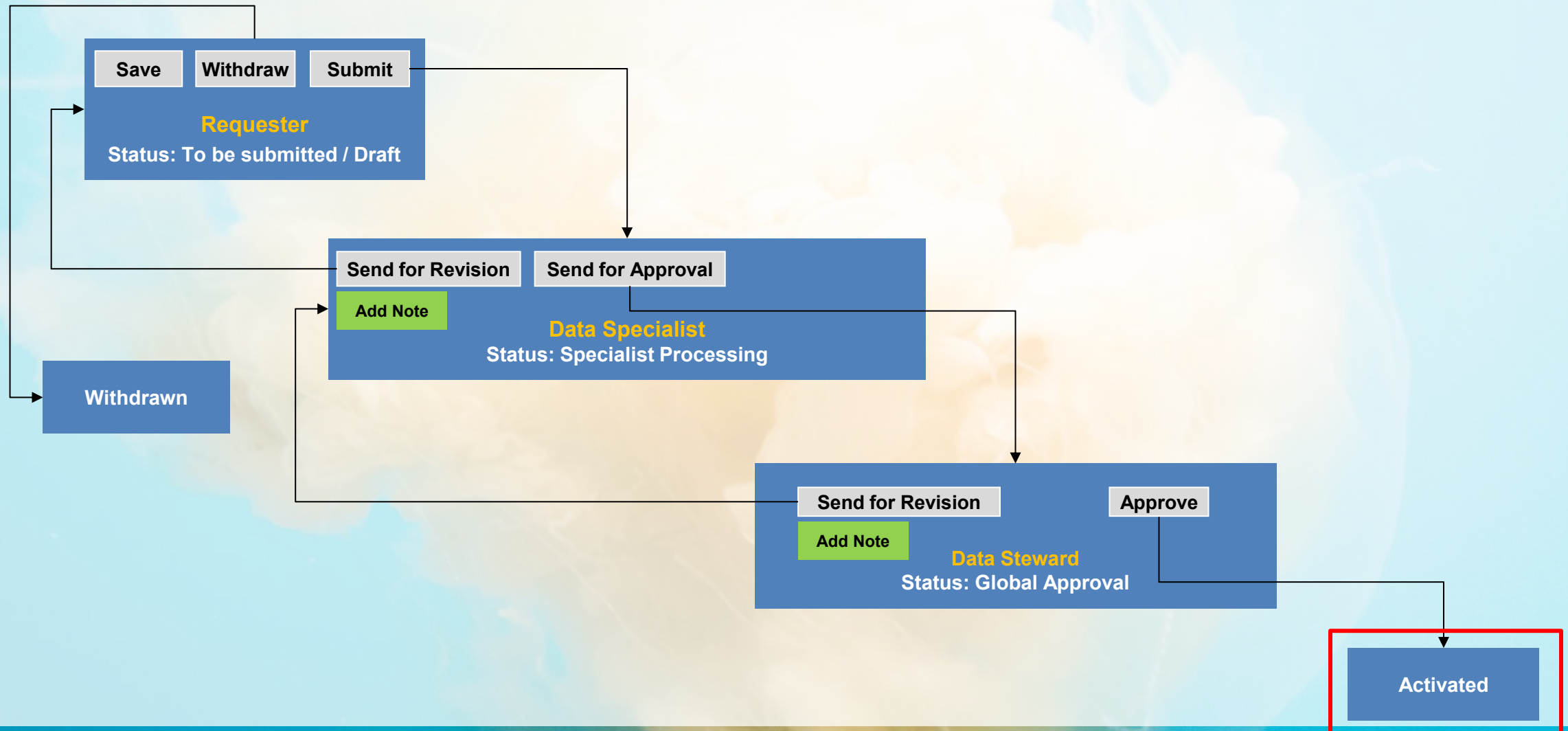
Approve

Reject

Withdraw

Cancel

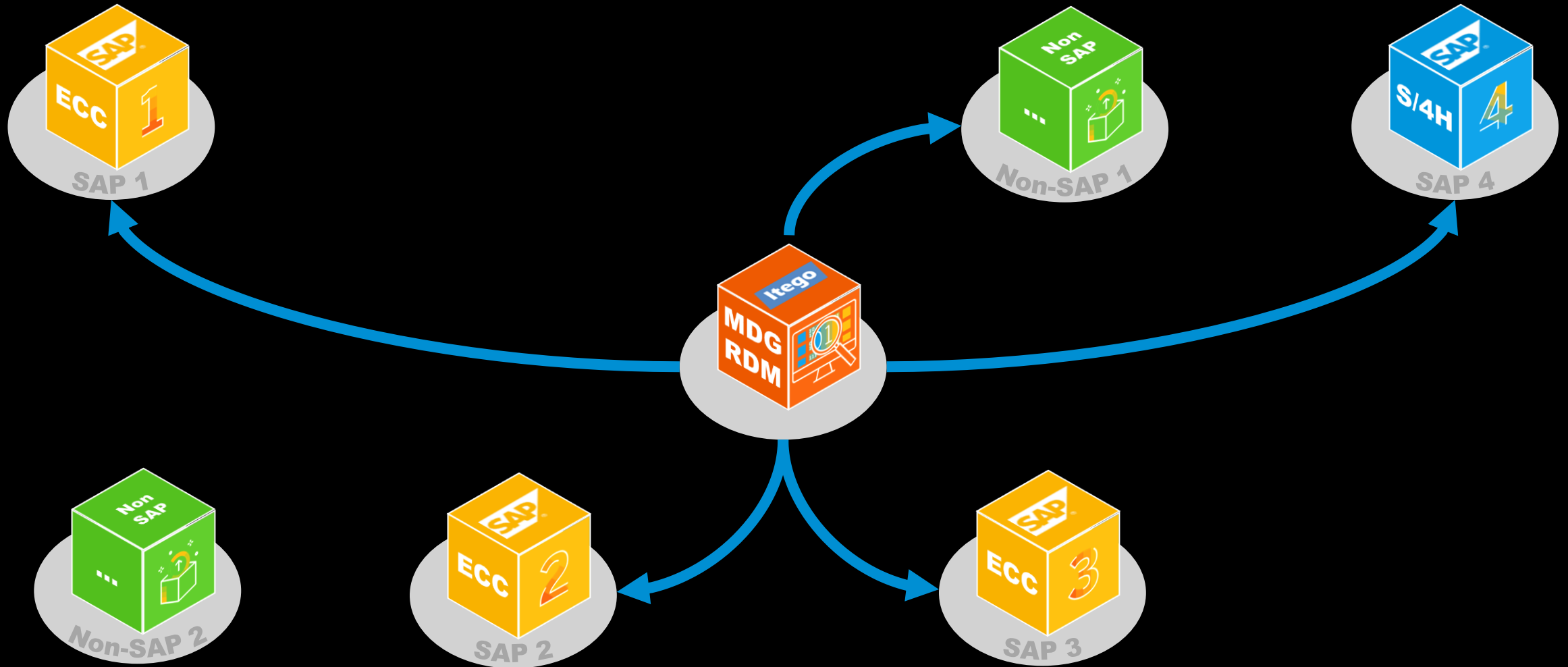
# Workflow: Request, Process & Approve





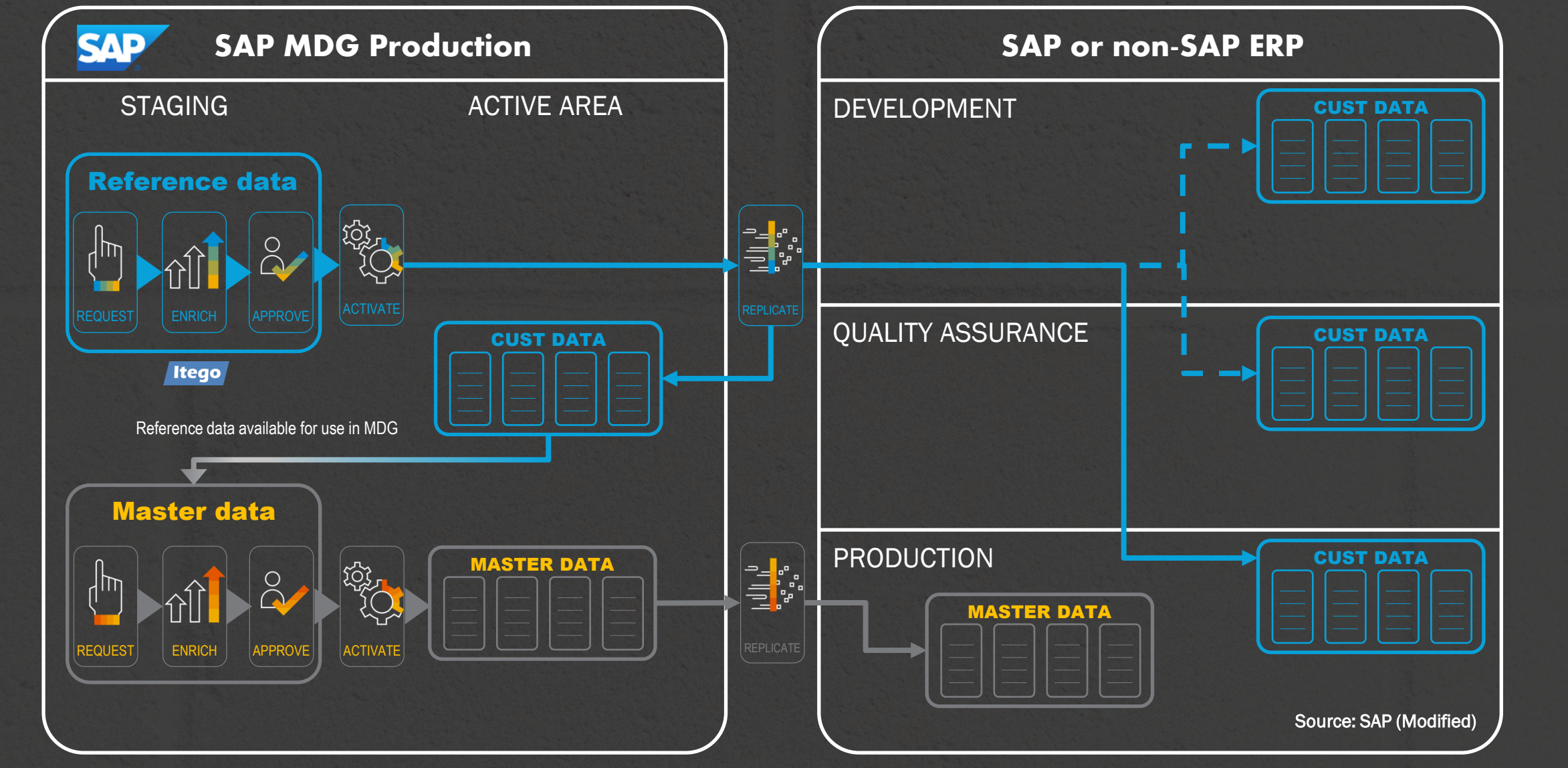
# Itego Reference Data Governance

## Data Replication



# Itego Reference Data Management

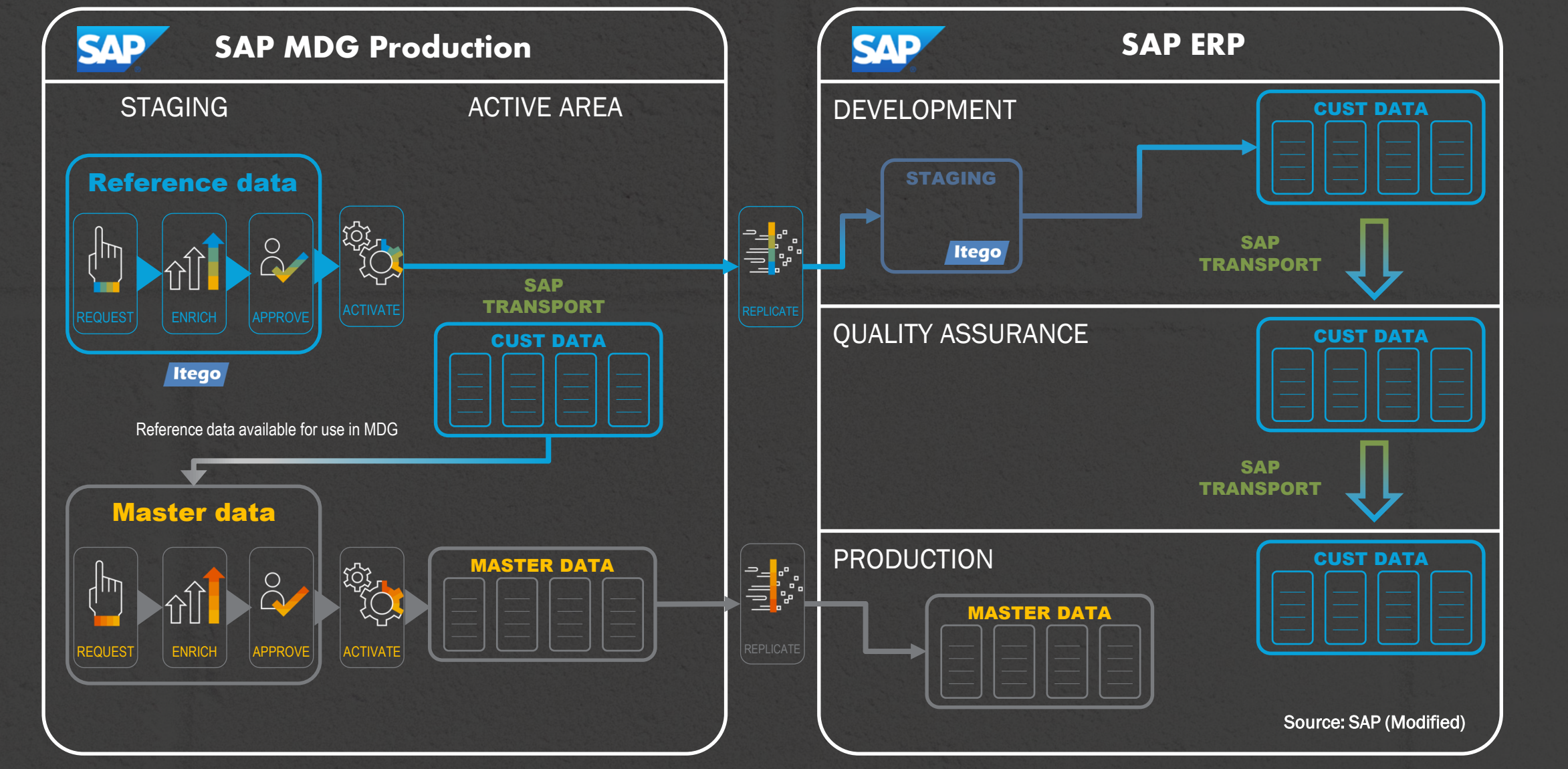
Business Controlled Governance Alternative





# Itego Reference Data Management

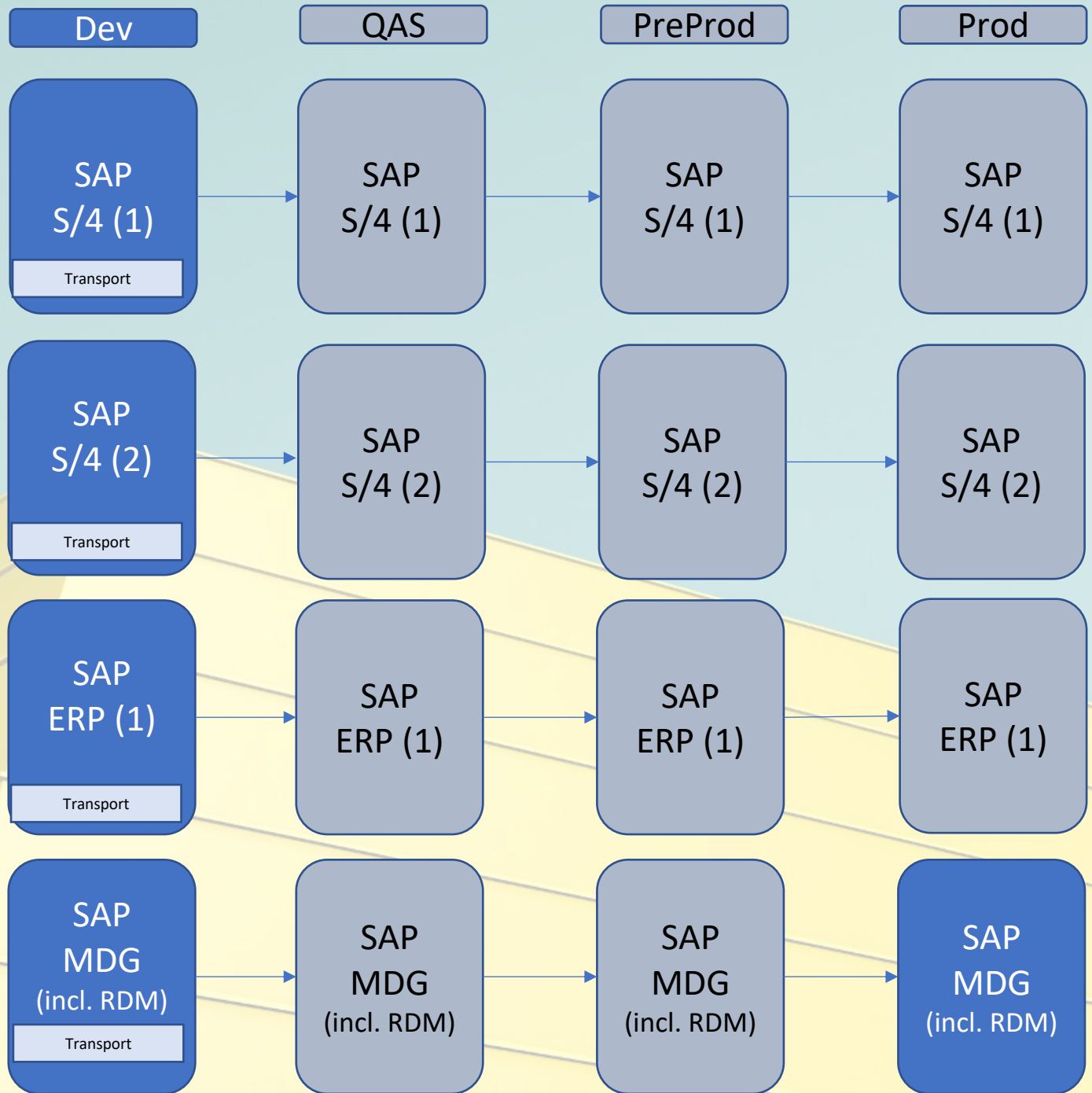
Full IT Governance Alternative



Business Driven  
Harmonization and Governance



Technology Driven  
Governance and Orchestration





# 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](#)



# Itego

Trusted data. Delivered.

E-Mail: [info@itego.de](mailto:info@itego.de)



# Itego Reference Data Governance

## Object Types

### Financials, HR, General Settings

Business Area	Chart of Accounts	Company Code	Company ID	Controlling Area
Customer Acc. Group	Currency	Document Type	Exchange Rate	Functional Area
Gen.Ledger Acc. Group	Operating Concern	Posting Period Variant	Tax Code	Valuation Class
Vendor Acc. Group	Personnel Area	Country & Region	Holiday Cal & Pub. Hol.	Language

### Logistics and Purchasing

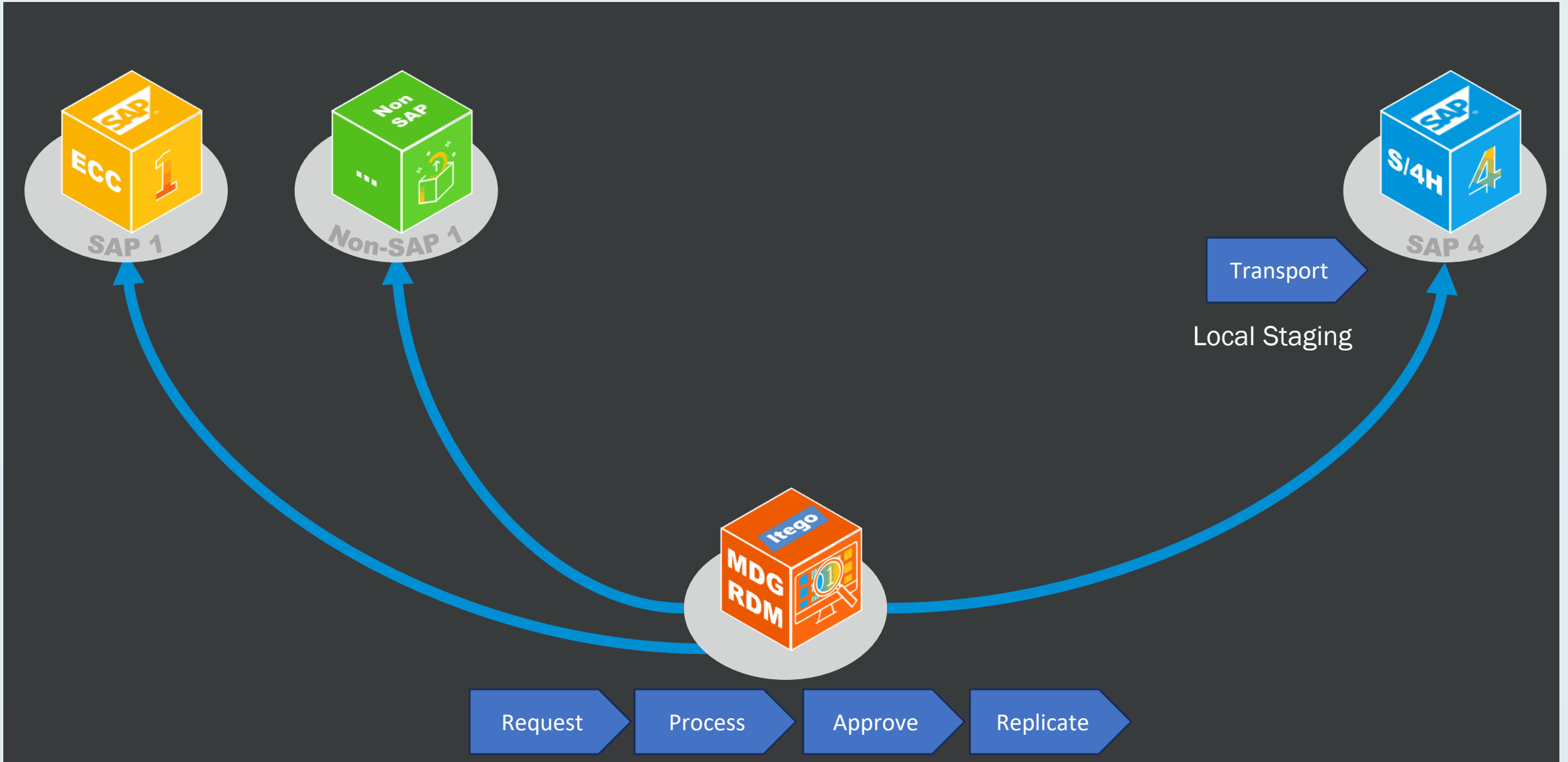
BOM Usage	Division	Factory Calendar	Laboratory/Office
Location	Material Group	Material Status	Material Type
MRP Area	MRP Controller	MRP Profile	MRP Type
Plant	Storage Location	Unit of Measure	Characteristics
Classes	Planning Scope	Purchasing Group	Purchasing Org.

### Sales & Distribution

Distribution Channel	Incoterms
Payment Terms	Product Hierarchy
Sales Group	Sales Organization
Sales Office	Shipping Conditions
Shipping Type	Shipping Point

# Itego Reference Data Governance

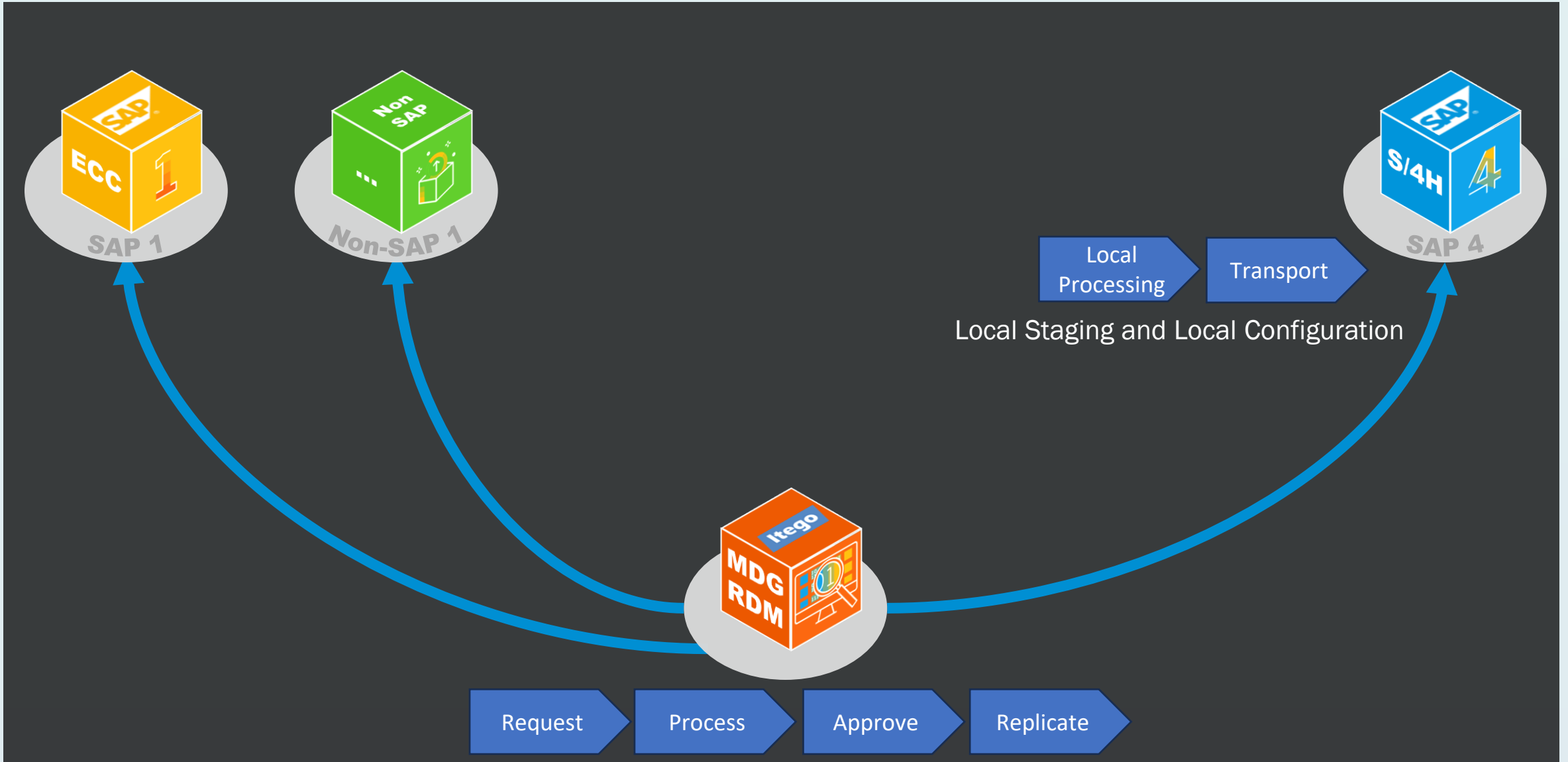
Process Driven Maintenance: Advanced Scenario (Full IT Governance Alternat.)





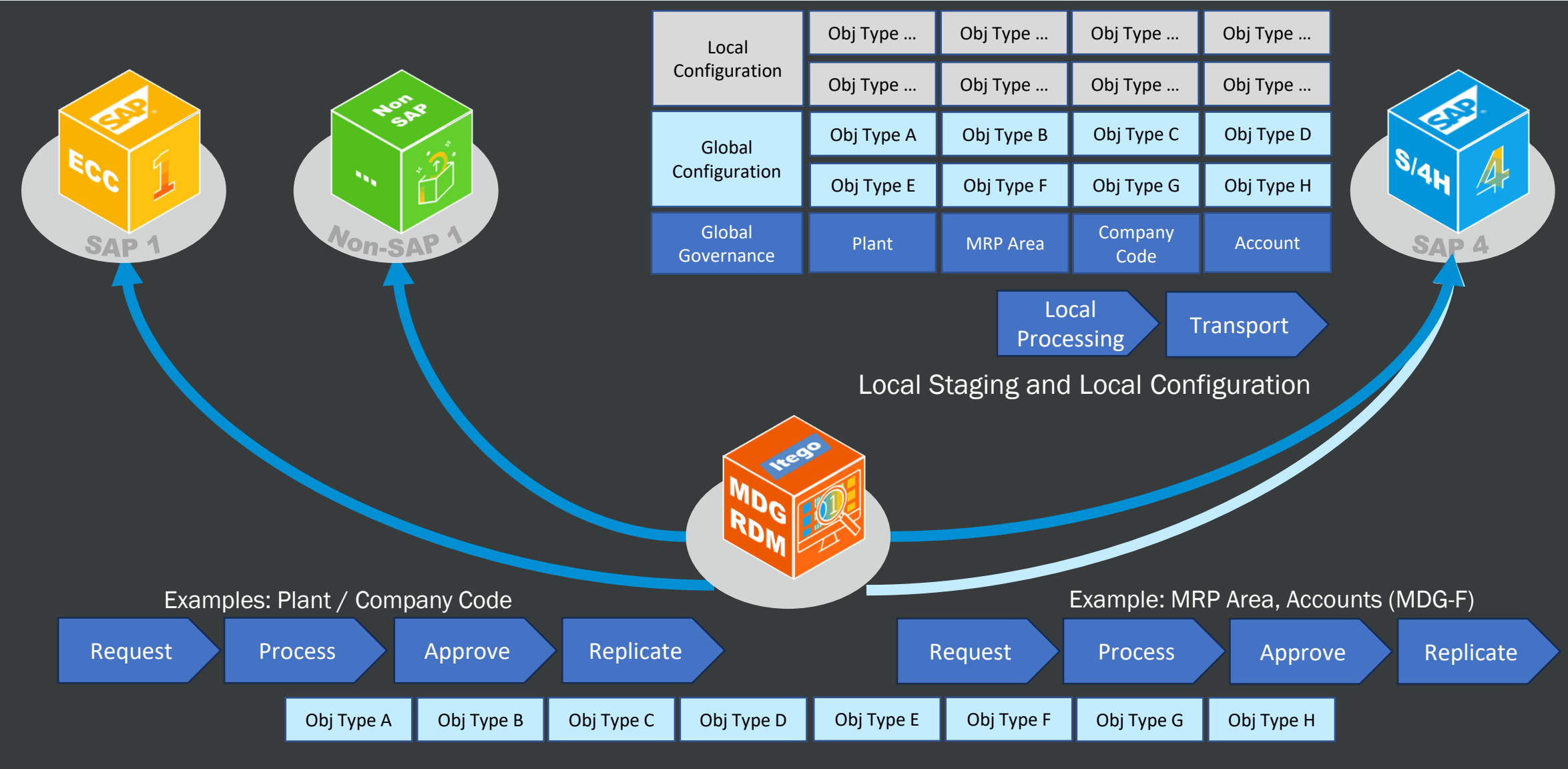
# Itego Reference Data Governance

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



# Itego Reference Data Governance

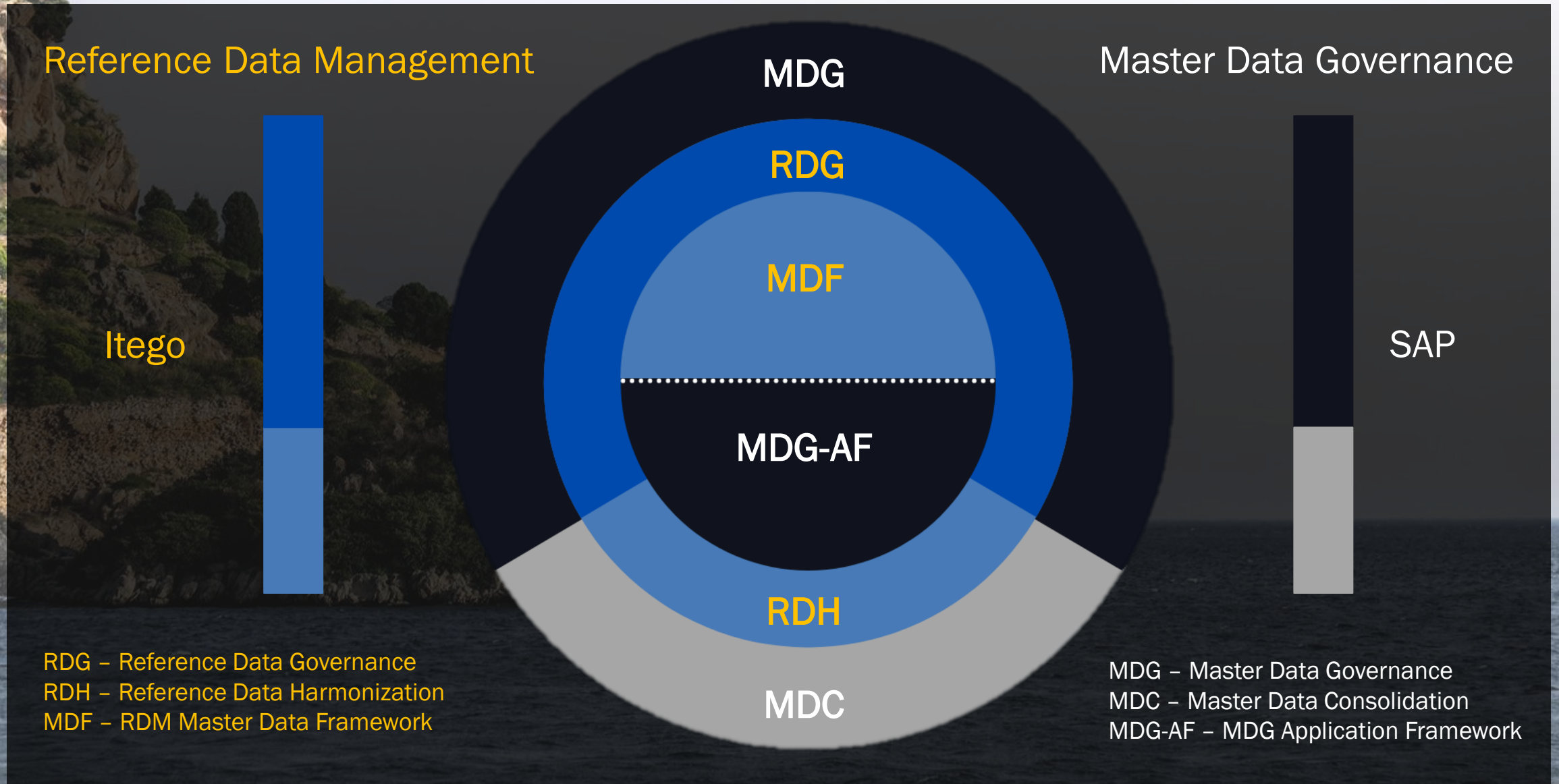
Process Driven Maintenance: Full Scenario (including Harmonization)





# Itego Reference Data Management

How? Solution Components



# Itego Reference Data Management

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

**SAP® Certified**  
Integration with SAP S/4HANA®



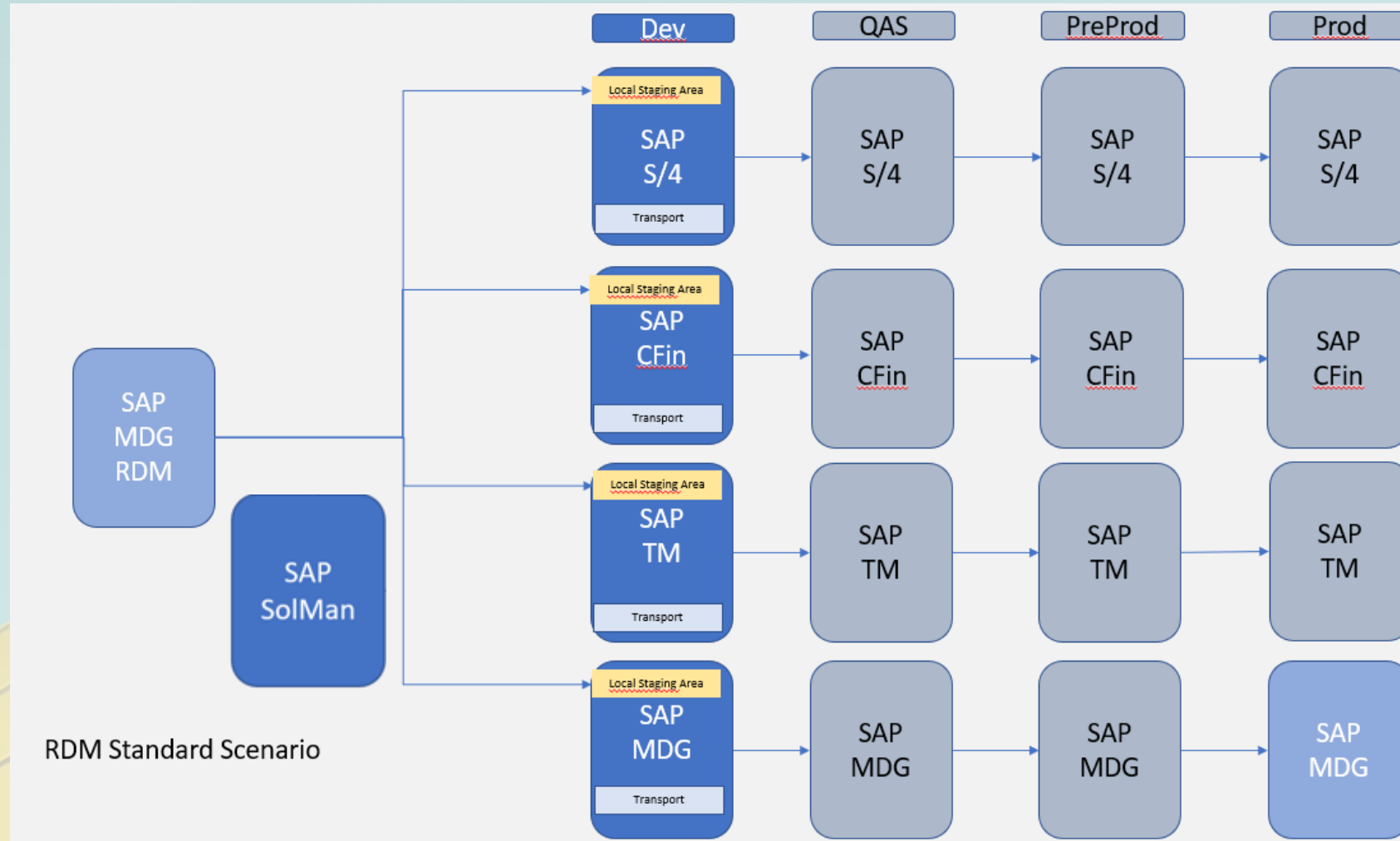
A low-angle, upward-looking photograph of several tall skyscrapers with glass facades, converging towards the top of the frame against a clear blue sky. The perspective creates a sense of height and scale.

# HOW

## Solution Manager Integration

# Itego Reference Data Management

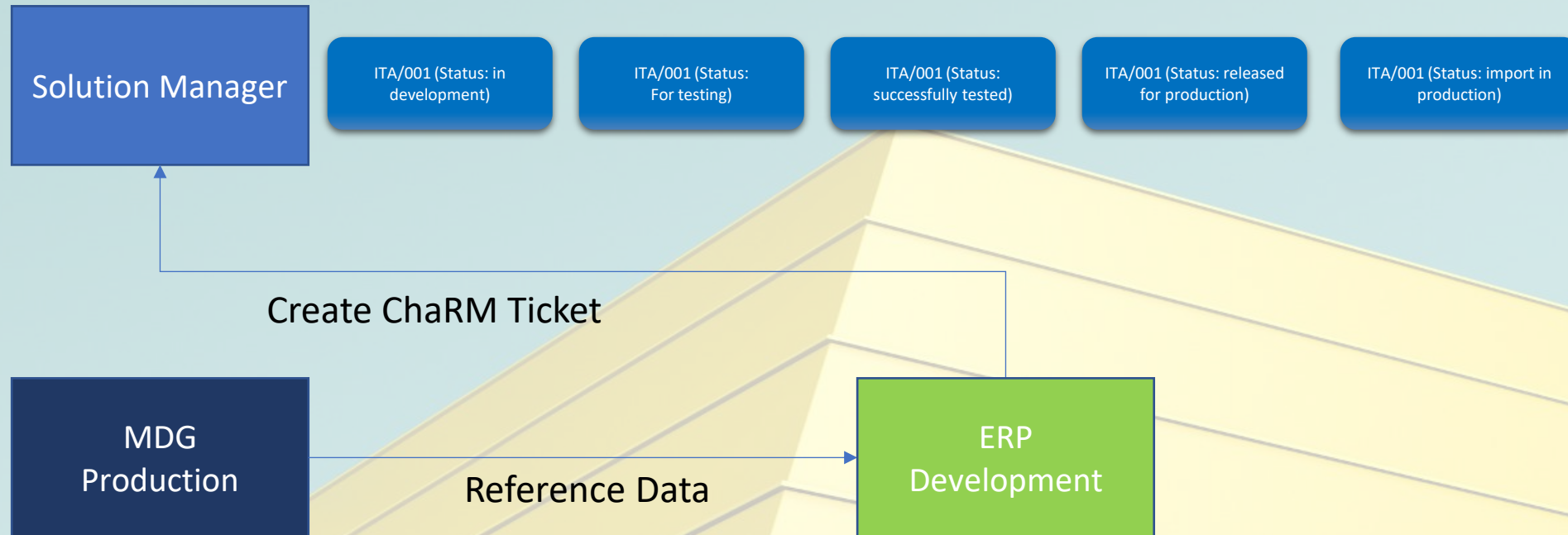
Full IT Governance Alternative, Standard Scenario with or without Solution Manager








# Itego Reference Data Management

## Solution Manager Integration: Create ChaRM Ticket



## Create ChaRM Ticket from Local Staging Area

### Maintain Local Staging Area

 StagContent Show Logs Show SnapShots

#### Process mode

☐ Enable local customizing

☒ Global customizing only

☐ Finalize local customizing

#### Selection of objects and transport job

Objects

Transport job

Target system

SolMan-ConfigID  to

Incl. local obj.,allow deletion ☐

write protocol into logging ☒

write snapshots ☒

Standard-Transport-Text ☒

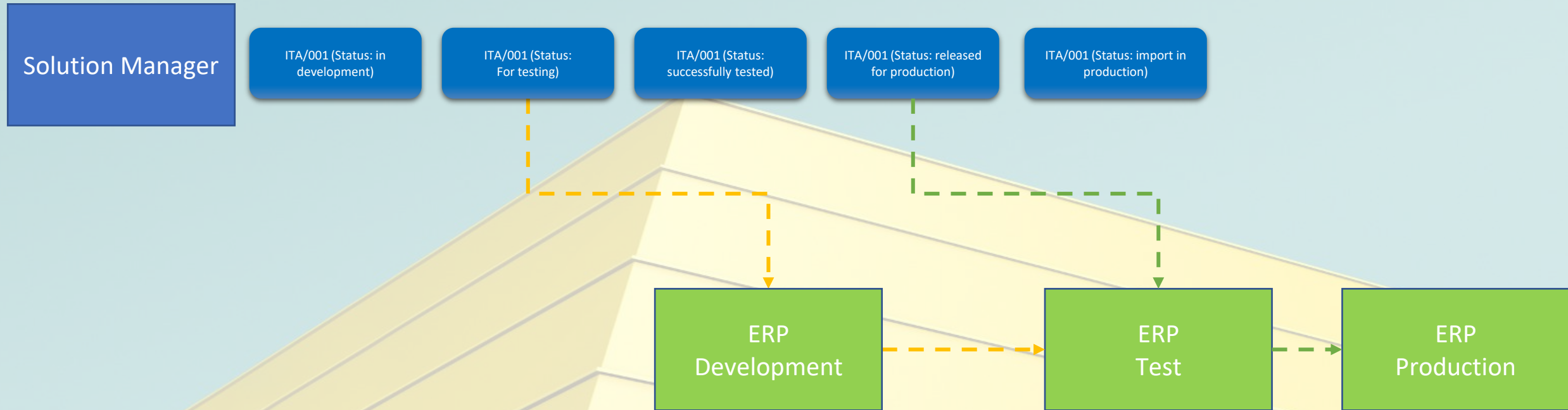
SolMan: Create Ticket ☒

data Entry: 400Z001
00060 AFTER: Entries in CustomizingTable T024E found
Transport ITRK906050 successful created
Task ITRK906051 successful created
SolMan-Ticket created: 8000002600



# Itego Reference Data Management

## Solution Manager Integration: Process ChaRM Ticket



# Process ChaRM Ticket in Solution Manager / 1

<

Home

Master Data

Inbox

Requirements Man... >

Change Request M... >

IT Service Manage... >

Service Operations >

Create Incident

Incident from Template

Service Request

Change Cycle

Request for Change

RFC from Template

Task

Knowledge Article

Change Request Management

Search

Administrative Changes

Change Cycles

Change Documents

Defect Corrections

General Changes

Git-enabled Changes

Normal Changes

Request for Change Templates

Requests for Changes

Standard Changes

Urgent Changes

<

Home

Master Data

Inbox

Requirements Man... >

Change Request M... >

IT Service Manage... >

Service Operations >

Create Incident

Incident from Template

Service Request

Change Cycle

Request for Change

RFC from Template

Task

Knowledge Article

Problem

Defect Correction

Business Requirement

IT Requirement

Service Order

Search: Standard Changes

Document Type

is

Standard Change

+ -

Document ID

contains

+ -

Free Text

contains

+ -

Description

contains

+ -

Time Frame

is

Today

+ -

Maximum Number of Results: 100

Search

Clear

Save Search As:

☐ Include View

Save

Result List: 3 Standard Changes Found

New

Refresh

Change ID	Description	Priority	Status	Create...	Category	Relate...	Reque...	Reque...
8000002596	Test	4: Low	In De...	07.10....			07.10....	10.10....
8000002598	RDM: 2. Test	2: High	In De...	07.10....			07.10....	21.10....
8000002600	RDM Reference Data - Purchasing Org	2: High	Created	07.10....			07.10....	14.10....



# Process ChaRM Ticket in Solution Manager / 2

Save

Display

Cancel

Edit

Create Follow-Up

Actions

Send E-Mail

Print Preview

Print

Display Object Relationships

More

Status Overview

1

2

3

4

5

6

Created

In Development

To Be Tested

Successfully Tested

Imported into Production

Withdrawn

Details

Edit

General Data

ID:

8000002668

Description:

RDM: Material Group - T023, T023T

Developer:

Mr. SAP Backoffice

Tester:

IT Operator:

Change Manager:

Mr. SAP Consulting

Current Processor:

Implementation Data

Change Cycle / Phase:

ITEGO Continuous cycle

Type / ID:

Continual Cycle

Landscape / Branch:

ITEGO Solution RDM

Development Close:

Go-Live Date:

Project Planning

Project Name:

<None>

Attachments

Attachment

URL

With Template

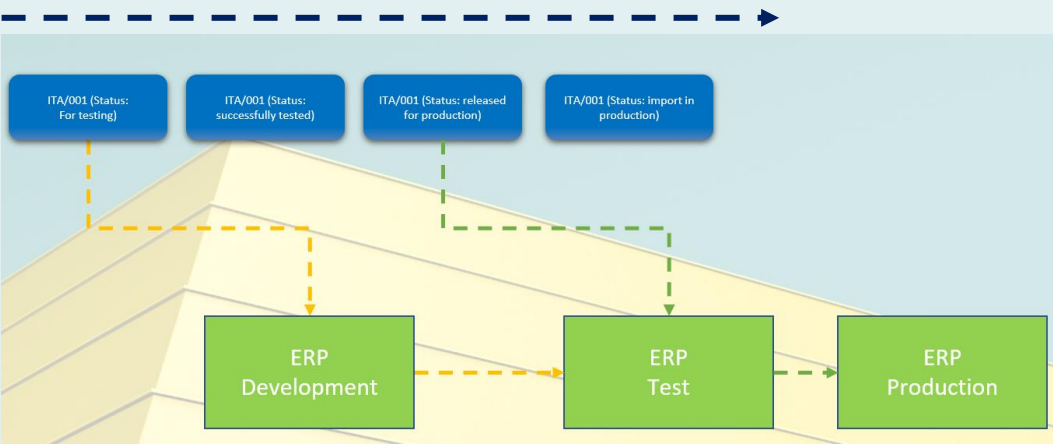
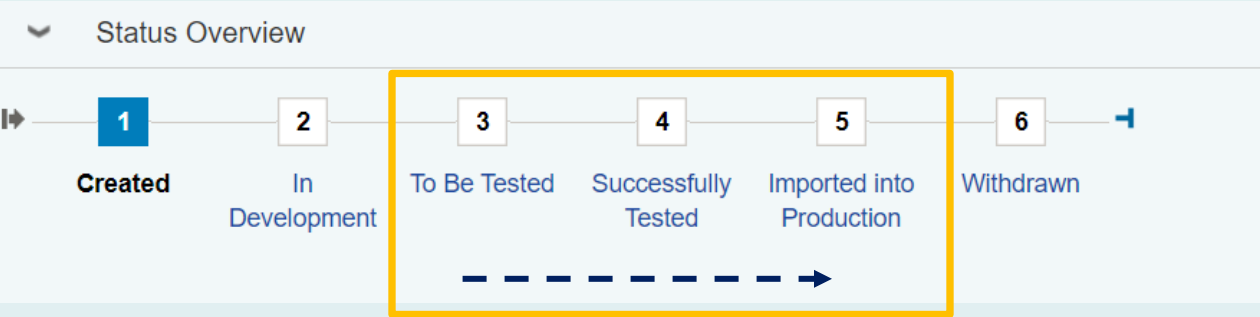
Download

Advanced

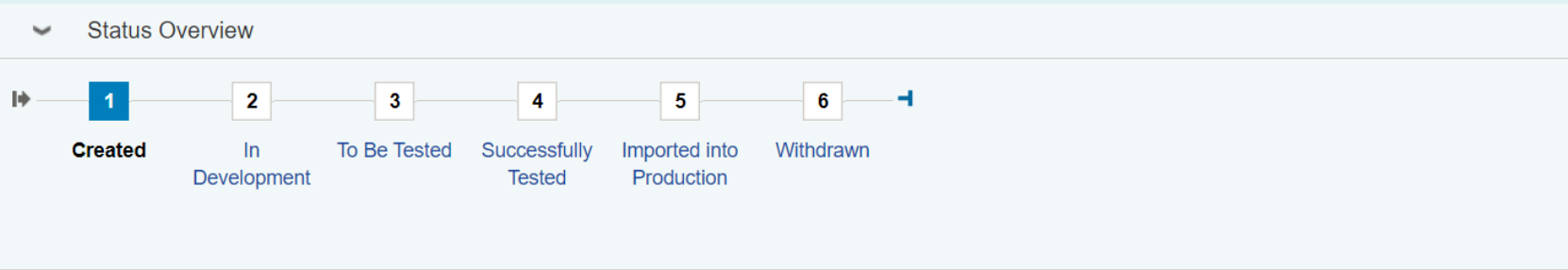
Actions	Name	Type
Properties	RDM - Local Staging Area Logging	Simple Text

```
-----
Start: 2022-10-27T12:47:25
-----
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-T023-124726 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
-----
```

# Process ChaRM Ticket in Solution Manager / 3



Save Display Cancel Edit Create Follow-Up Actions Send E-Mail Print Preview Print Display Object Relationships



Details Edit

General Data

ID: 8000002668

Description: RDM: Material Group - T023, T023T

Developer: Mr. SAP Backoffice

Tester:

IT Operator:

Change Manager: Mr. SAP Consulting

Current Processor:

Implementation Data

Change Cycle / Phase: ITEGO Continous cycle

Type / ID: Continual Cycle

Landscape / Branch: ITEGO Solution RDM

Development Close:

Go-Live Date:

Project Planning

Project Name: <None>



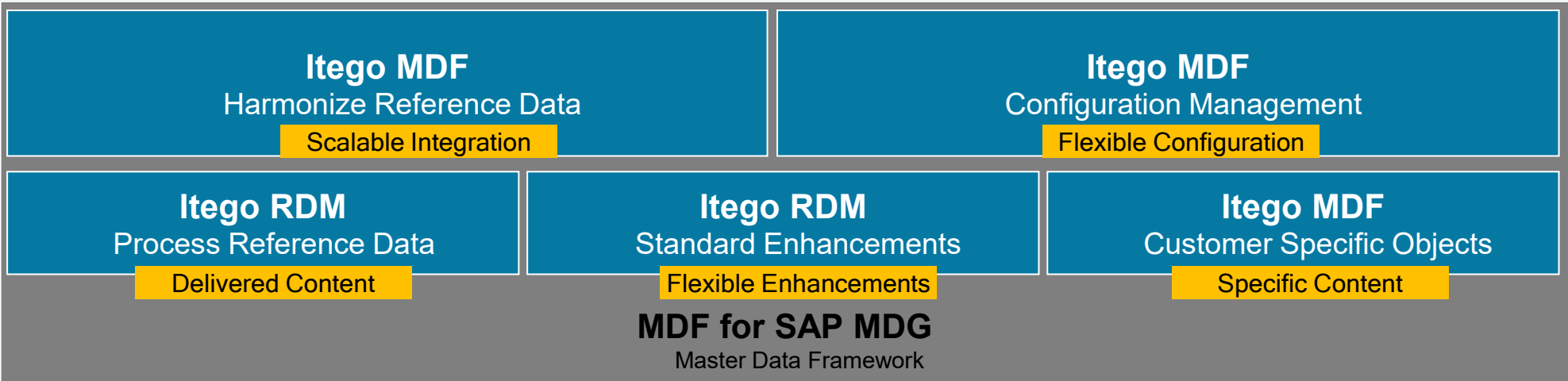
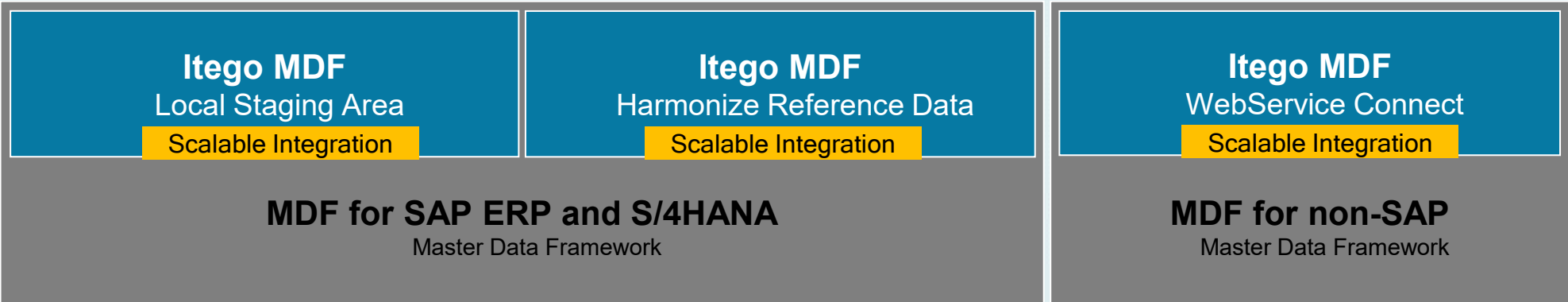
A low-angle, upward-looking photograph of several tall skyscrapers with glass facades, converging towards the top of the frame against a clear blue sky. The perspective creates a sense of height and scale.

# HOW

## Master Data Framework

# Itego Master Data Framework

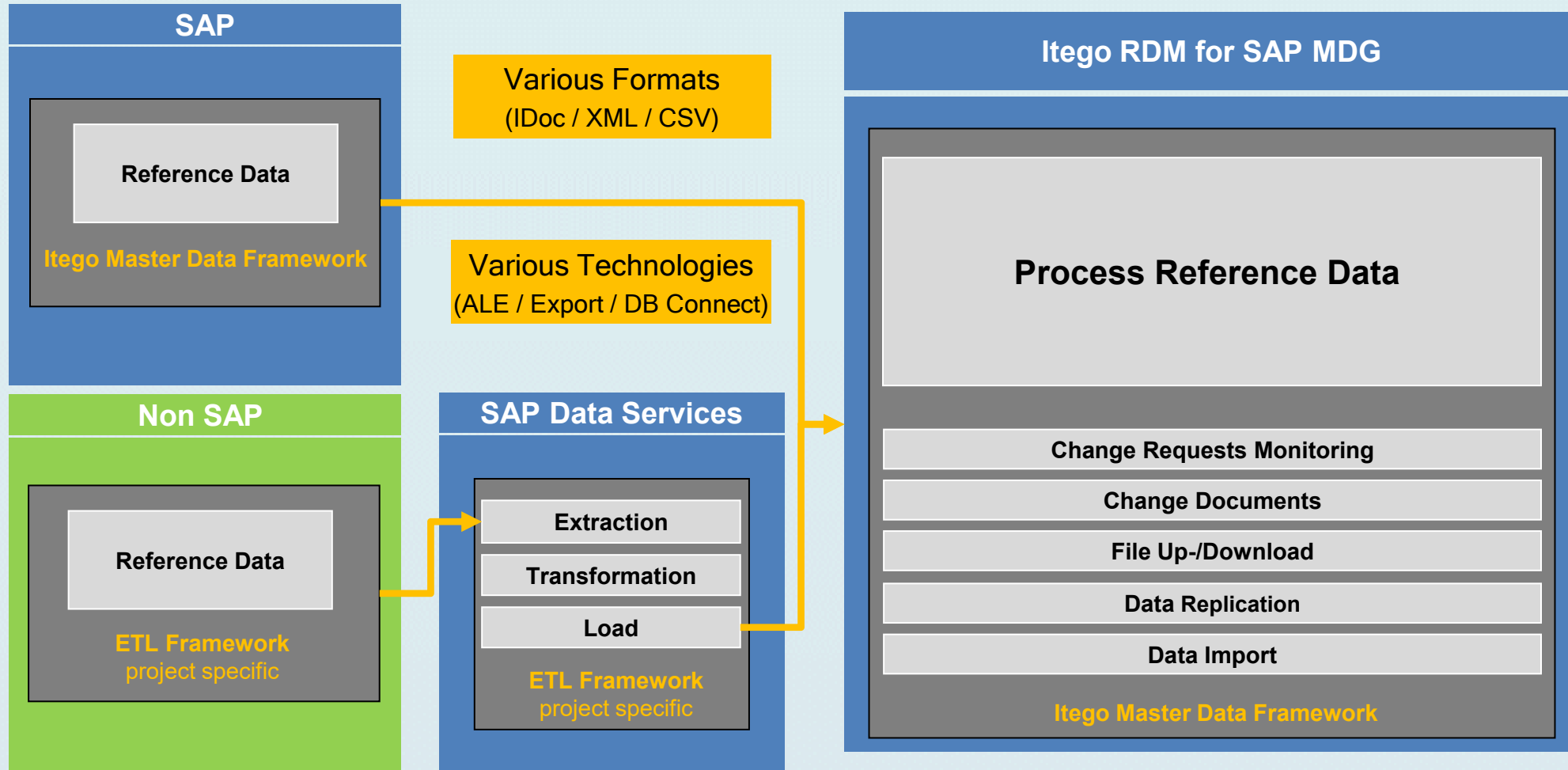
## Scenarios and Solution Components





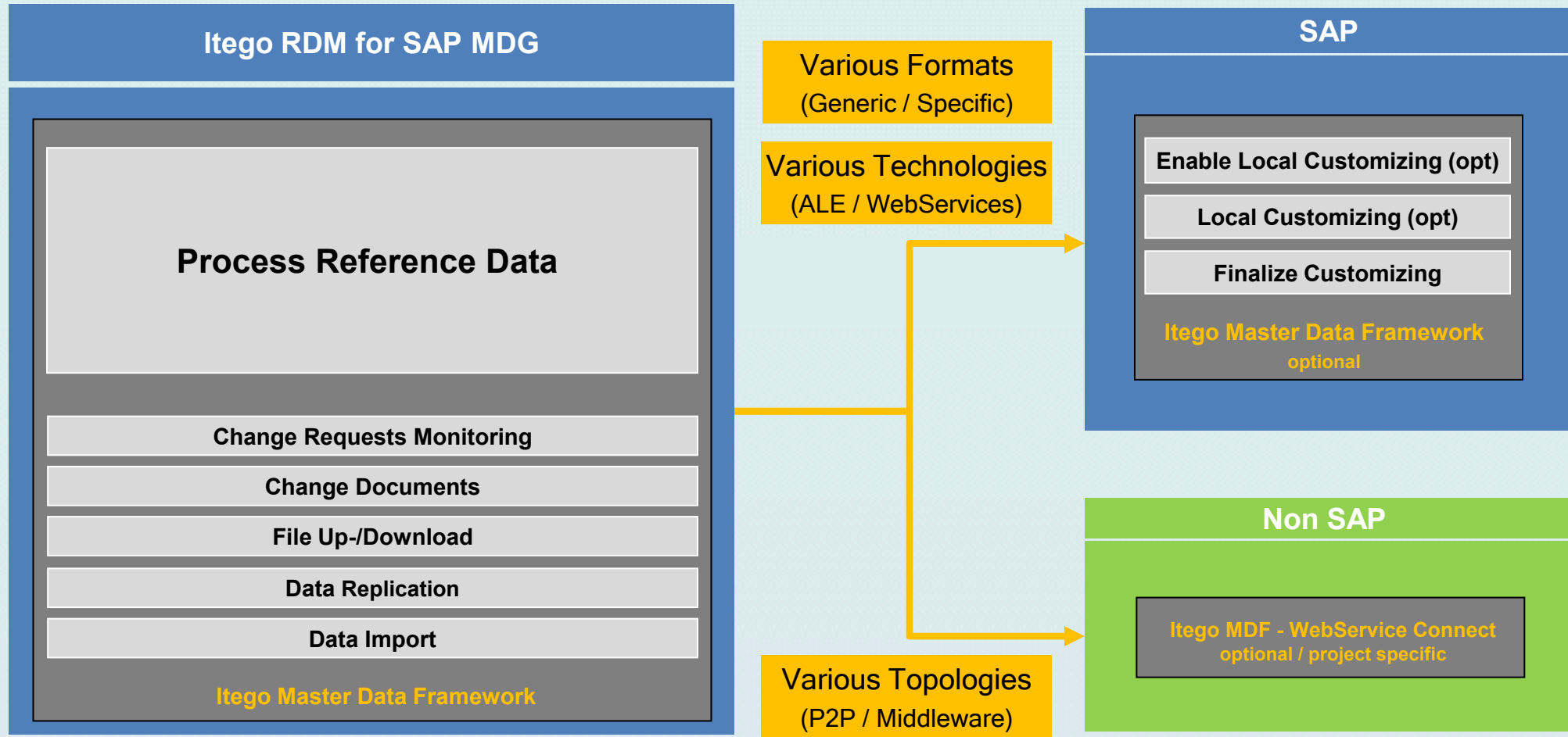
# Itego Master Data Framework

## Flexibility for Data Load



# Itego Master Data Framework

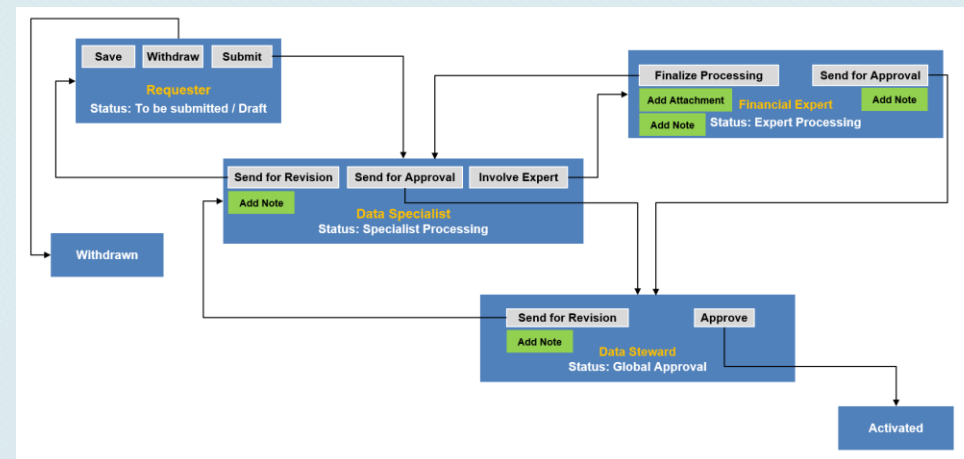
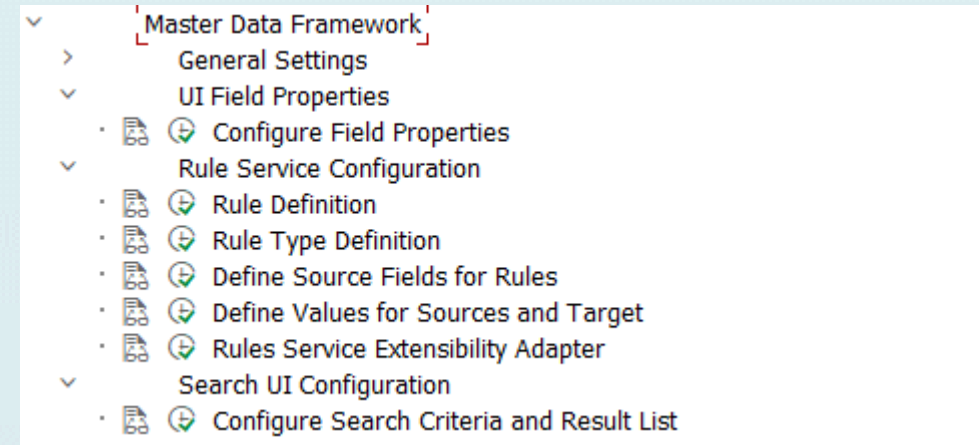
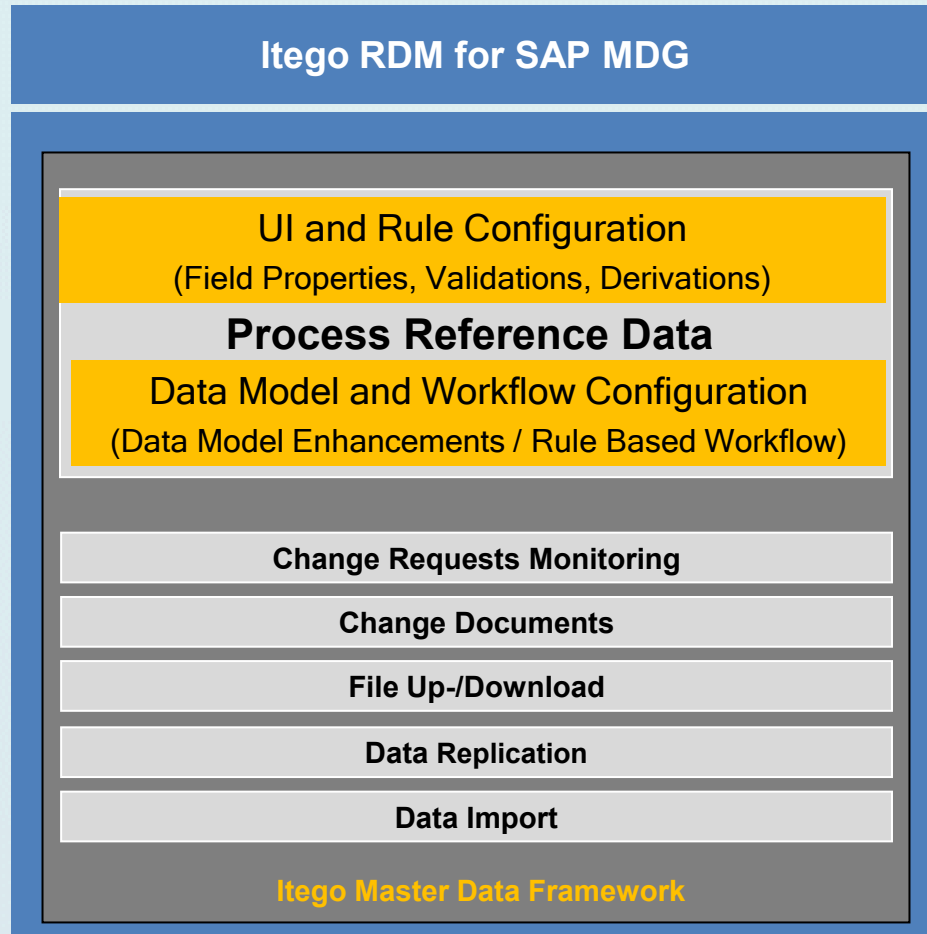
## Scalability for Data Replication





# Itego Master Data Framework

## Flexible Enhancements for Reference Data Processing



# Itego Master Data Framework

## 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

# Itego Master Data Framework

## Example 1: Company Code - User Interface Configuration

Company Code

Company Code details

Company Code address

Company Code

\* Company Code:

\* Company Name:

City:

\* Country/Region Key:

DE

Currency:

EUR

Language Key:

D

Optional Field

Change View "Itego MDF: UI Field Properties": Overview

New Entries

Itego MDF: UI Field Properties

Model	Target Entity	Description	Target Field	CR Type	CR Step	Field Property	Active
I1	COMP CODE	Company Code	ORT01	*	*	Required Field	<input checked="" type="checkbox"/>

Change Request Type dependent  
(Optional, Read-Only, Required, Hidden)

All

1

Maintain value for Mandatory Field " City "

Reason:

Audit Information

Company Code

Edit

Company Code details

Company Code address

Company Code

Company Code:

A01

\* Company Name:

Company A

\* City:

\* Country/Region Key:

DE

Germany

Currency:

EUR

European Euro

Language Key:

D

No errors found

SAP

Process Object with MDG

Refresh

Check

Due Date:

Reason:

Audit Information

Company Code

Edit

Company Code details

Company Code address

Company Code

Company Code:

A01

\* Company Name:

Company A

\* City:

Berlin

\* Country/Region Key:

DE

Germany

Currency:

EUR

European Euro

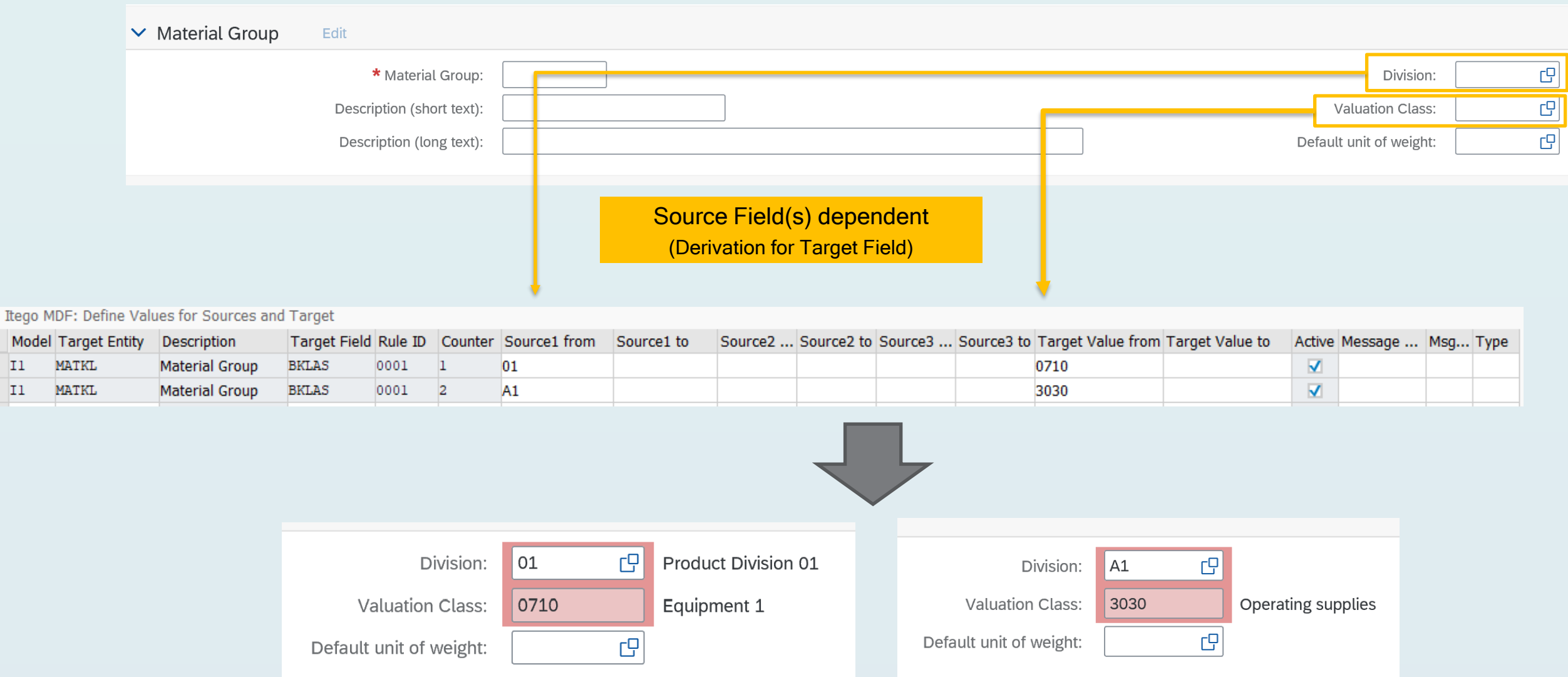
Language Key:

D



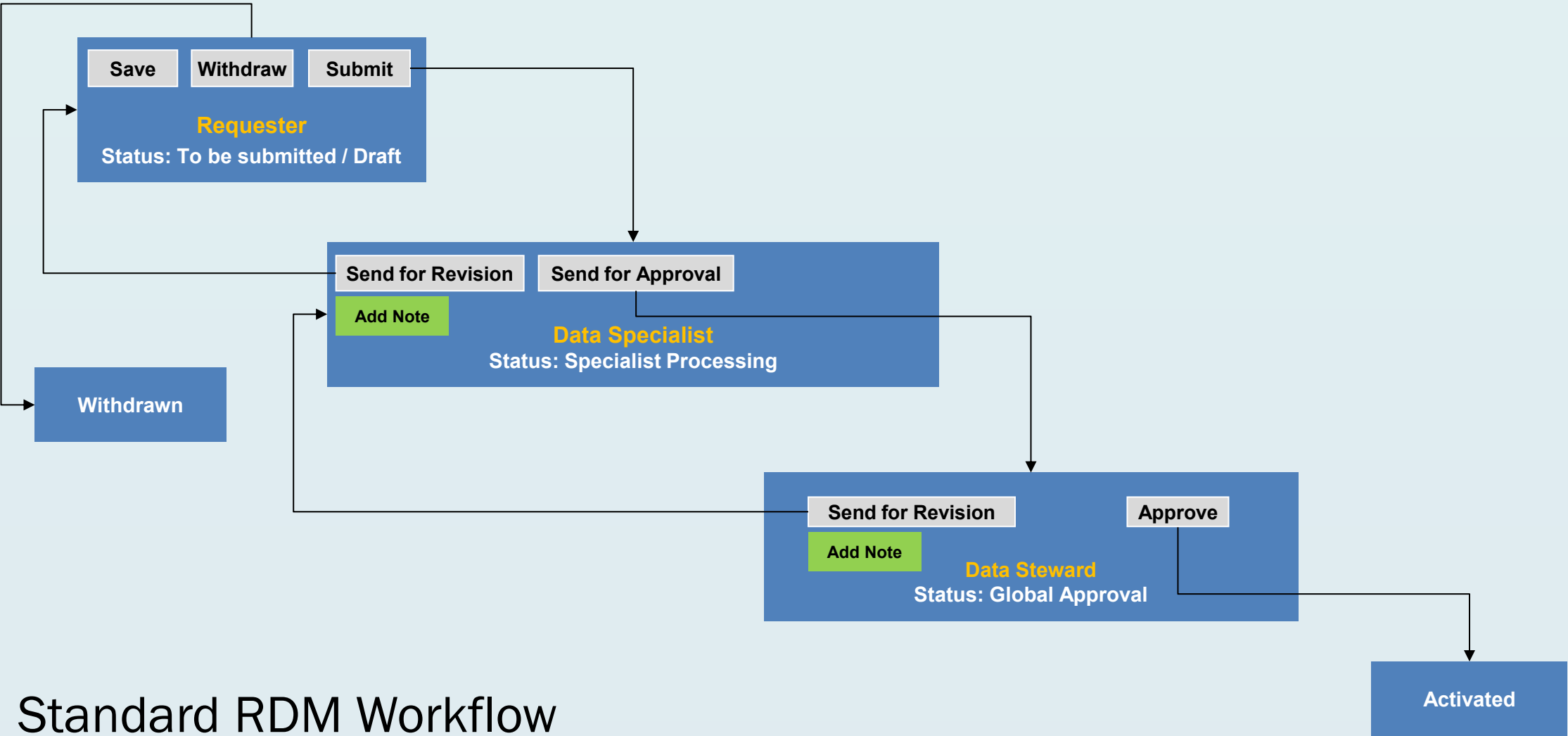
# Itego Master Data Framework

## Example 2: Rule Configuration - Derivation



# Itego Master Data Framework & SAP MDG Appl. Framework

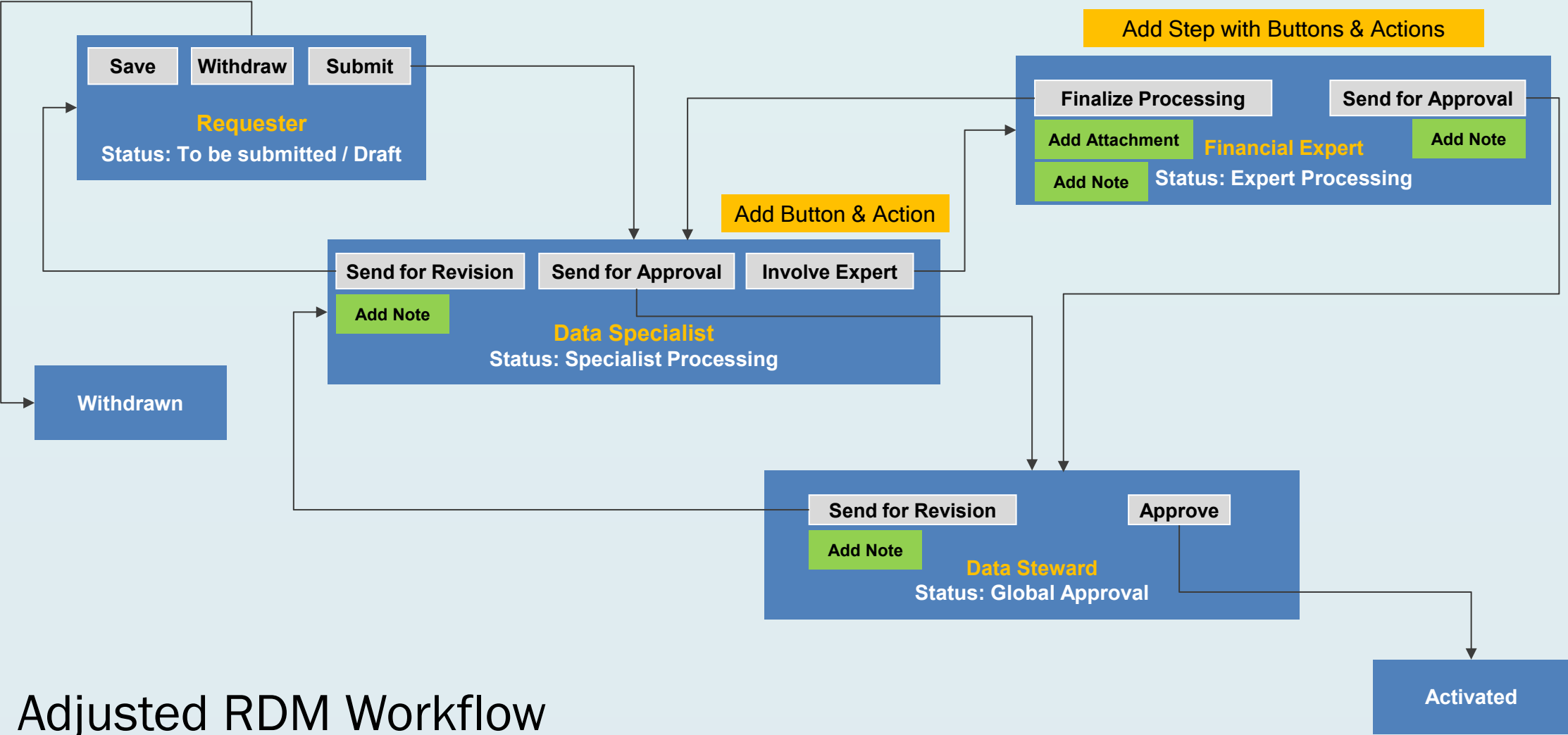
## Workflow Configuration



Standard RDM Workflow

# Itego Master Data Framework & SAP MDG Appl. Framework

## Workflow Configuration

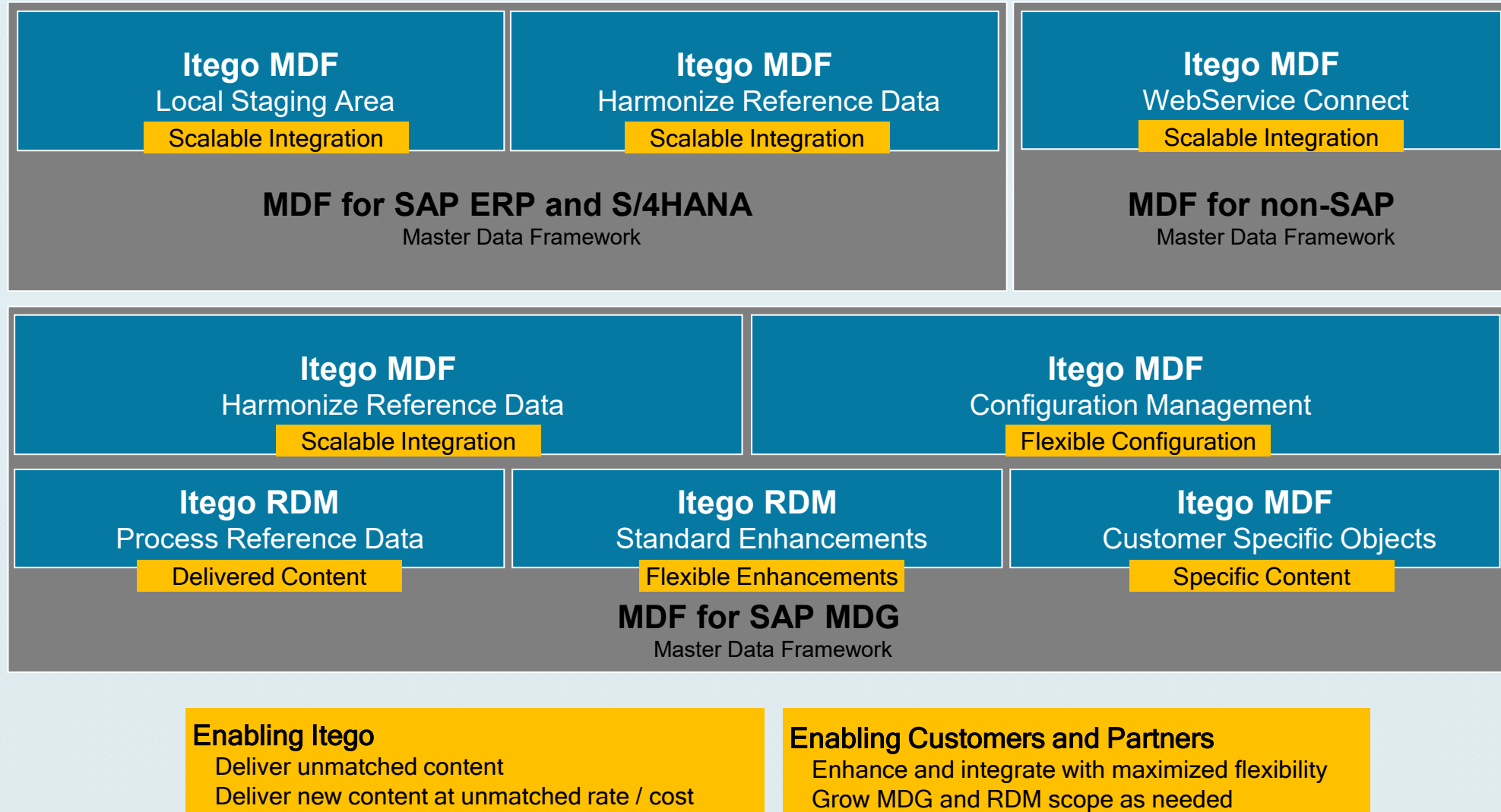


Adjusted RDM Workflow

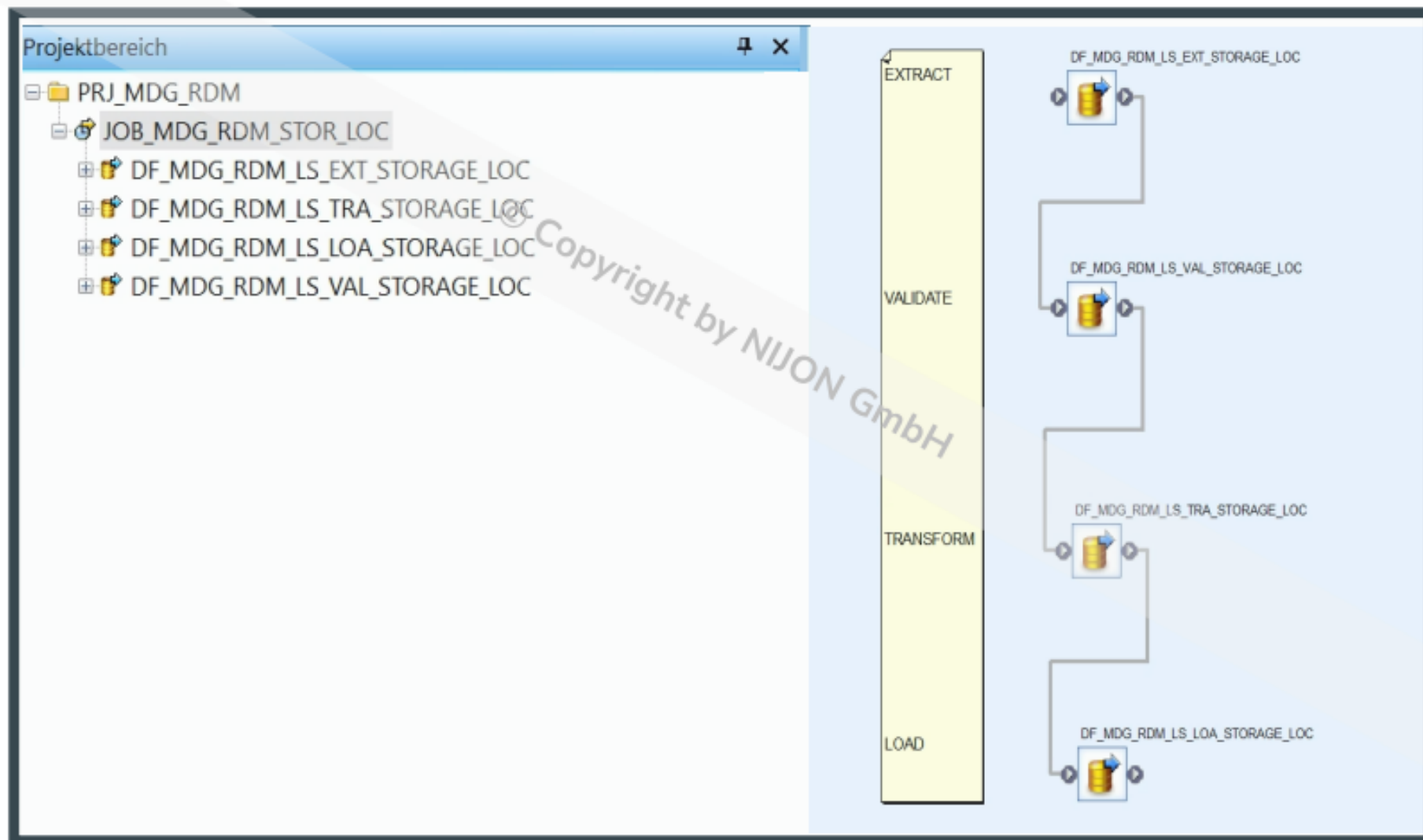


# Itego Master Data Framework

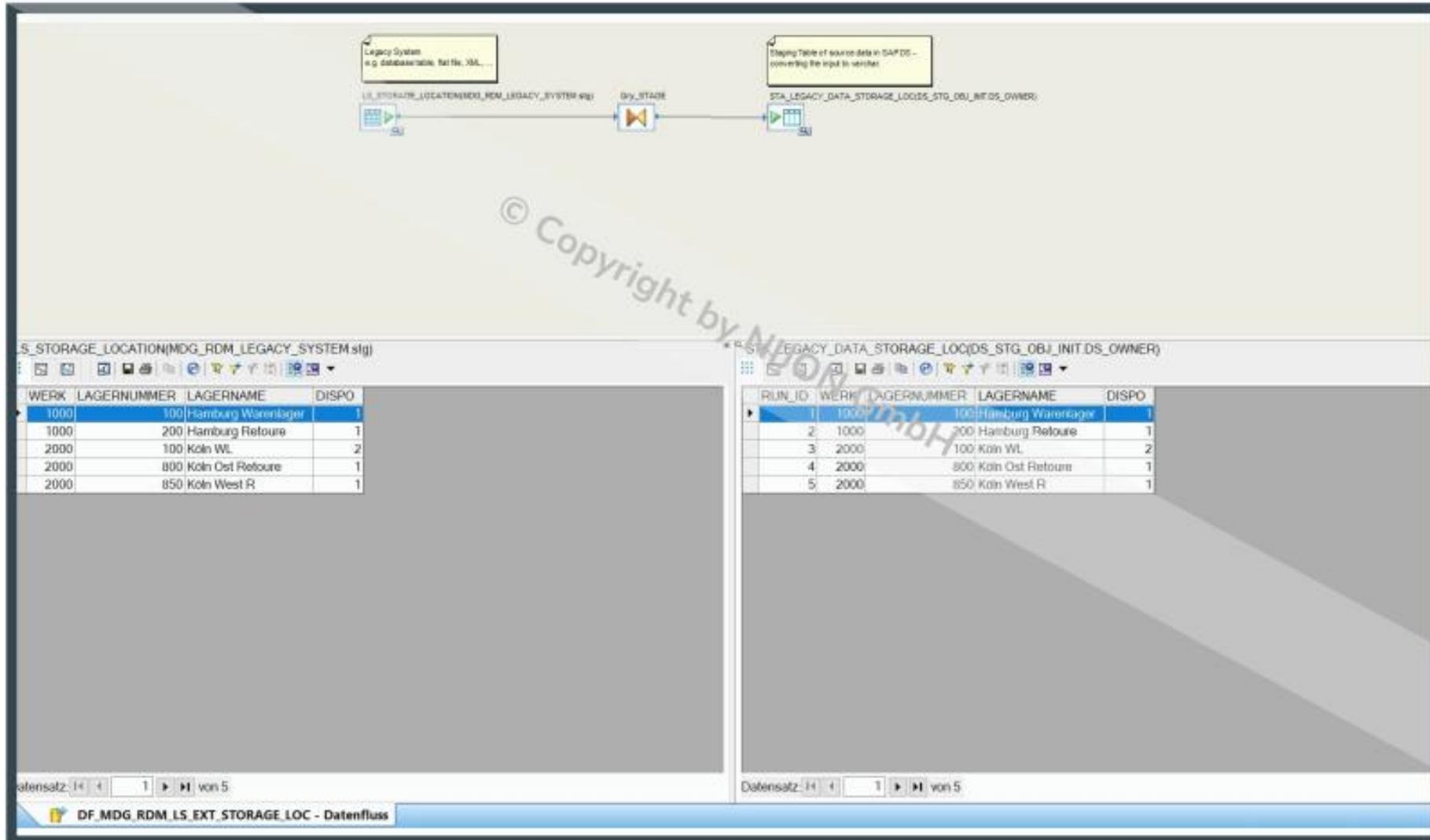
## Summary



# SAP DS: Initial Load Storage Location

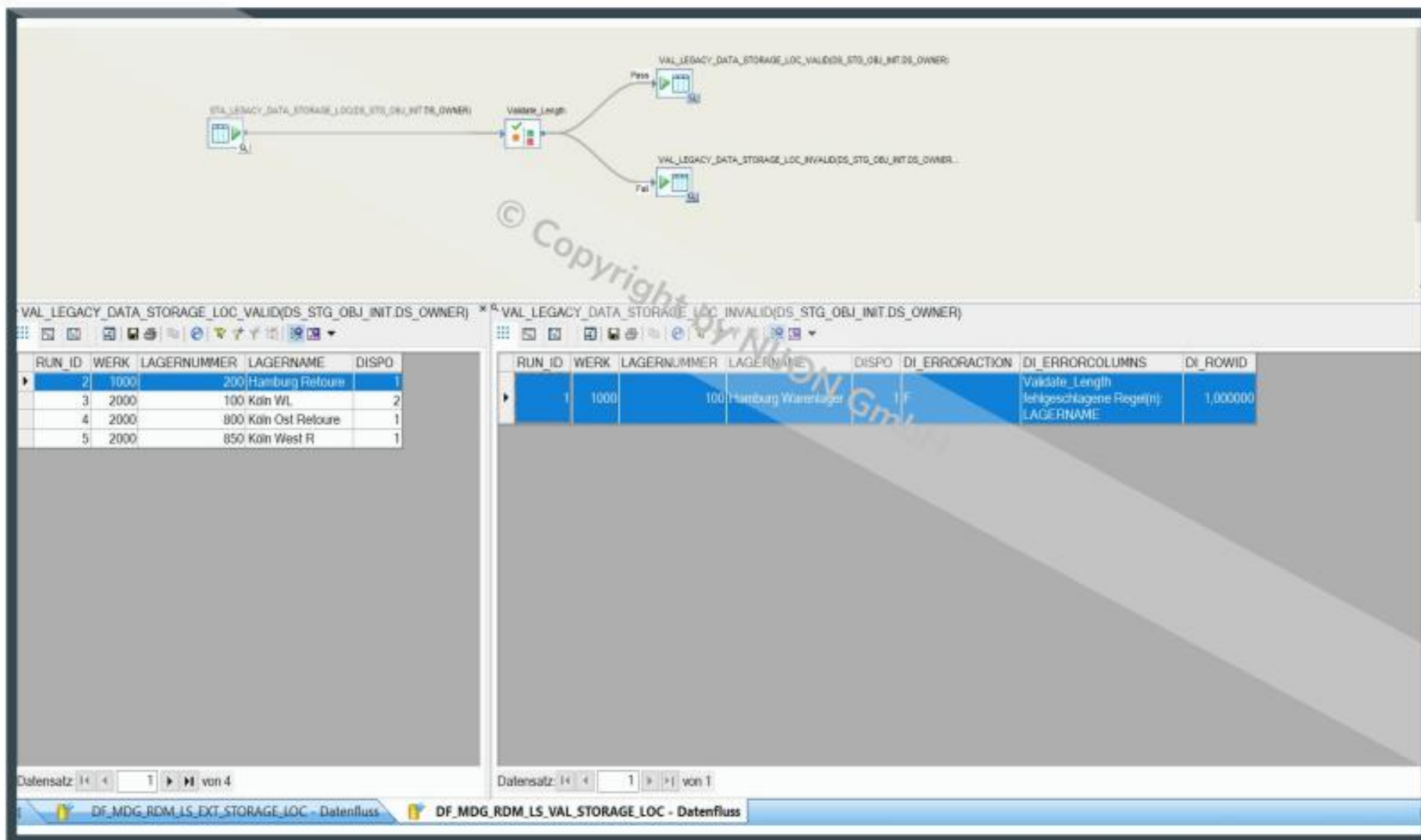


# SAP DS: Extraction





# SAP DS: Validation



The image displays the SAP Data Services (DS) Validation interface. At the top, a diagram shows the data flow from the source table `STA_LEGACY_DATA_STORAGE_LOC_DS_STG_OBJ_INIT_DS_OWNER` through a `Validate_Length` validation node. This node branches into two paths: `Pass` leading to the target table `VAL_LEGACY_DATA_STORAGE_LOC_VALID_DS_STG_OBJ_INIT_DS_OWNER`, and `Fail` leading to the target table `VAL_LEGACY_DATA_STORAGE_LOC_INVALID_DS_STG_OBJ_INIT_DS_OWNER`.

Below the diagram, two data tables are shown, representing the results of the validation process.

**Table 1: VAL\_LEGACY\_DATA\_STORAGE\_LOC\_VALID\_DS\_STG\_OBJ\_INIT\_DS\_OWNER**

RUN_ID	WERK	LAGERNUMMER	LAGERNAME	DISPO
2	1000	200	Hamburg Retourne	1
3	2000	100	Köln WL	2
4	2000	800	Köln Ost Retourne	1
5	2000	850	Köln West R	1

**Table 2: VAL\_LEGACY\_DATA\_STORAGE\_LOC\_INVALID\_DS\_STG\_OBJ\_INIT\_DS\_OWNER**

RUN_ID	WERK	LAGERNUMMER	LAGERNAME	DISPO	DI_ERRORACTION	DI_ERRORCOLUMNS	DI_ROWID
1	1000	100	Hamburg Warenlager	1	F	Validate_Length fehlgeschlagene Regel(n): LAGERNAME	1,000000

The bottom of the interface shows the status bar with the following information:

- Datensatz: 14 4 1 von 4
- DF\_MDG\_RDM\_LS\_EXT\_STORAGE\_LOC - Datenfluss
- DF\_MDG\_RDM\_LS\_VAL\_STORAGE\_LOC - Datenfluss

# SAP DS: Transformation

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VAL\_LEGACY\_DATA\_STORAGE\_LOC\_VALID(DS\_STG\_OBJ\_INIT\_DS\_OWNER)

Dry Transform

WRK\_LEGACY\_DATA\_STORAGE\_LOC(DS\_STG\_OBJ\_INIT\_DS\_OWNER)

RUN_ID	WERK	LAGERNUMMER	LAGERNAME	DISPO
2	1000	200	Hamburg Retoure	1
3	2000	100	Köln WL	2
4	2000	800	Köln Ost Retoure	1
5	2000	850	Köln West R	1

Datensatz: 1 von 4

DF\_MDG\_RDM\_LS\_TRA\_STORAGE\_LOC - Datenfluss

LGORT	TXSH	LGORBE	LG_VTWEG	PLANT	LGVKORG
0200	<NULL>	Hamburg Retoure	<NULL>	1000	<NULL>
0100	<NULL>	Köln WL	<NULL>	2000	<NULL>
0800	<NULL>	Köln Ost Retoure	<NULL>	2000	<NULL>
0850	<NULL>	Köln West R	<NULL>	2000	<NULL>

Datensatz: 1 von 4

# SAP DS: Loading

