

A man with a beard, wearing a white button-down shirt, is smiling and talking on a mobile phone. He is sitting at a desk with a laptop in front of him. The background shows an office environment with glass partitions and a plant.

Itego

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Reference Data Management (RDM) for SAP MDG

Update: RDM 2204 (April 2022)



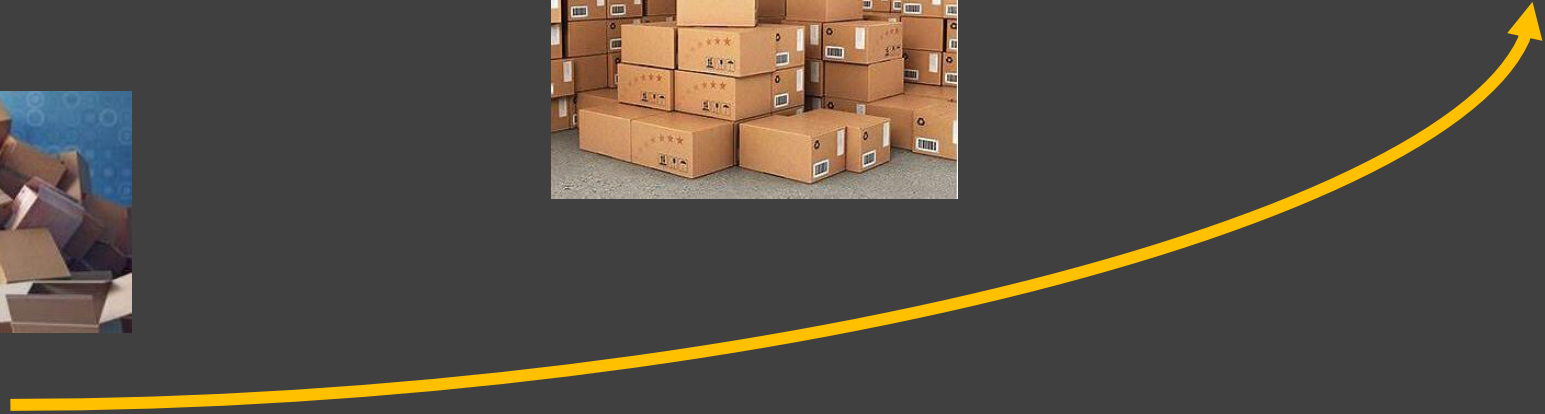
Reference Data Management for SAP MDG

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Reference Data Management

Remove Pain Points step by step as your business grows



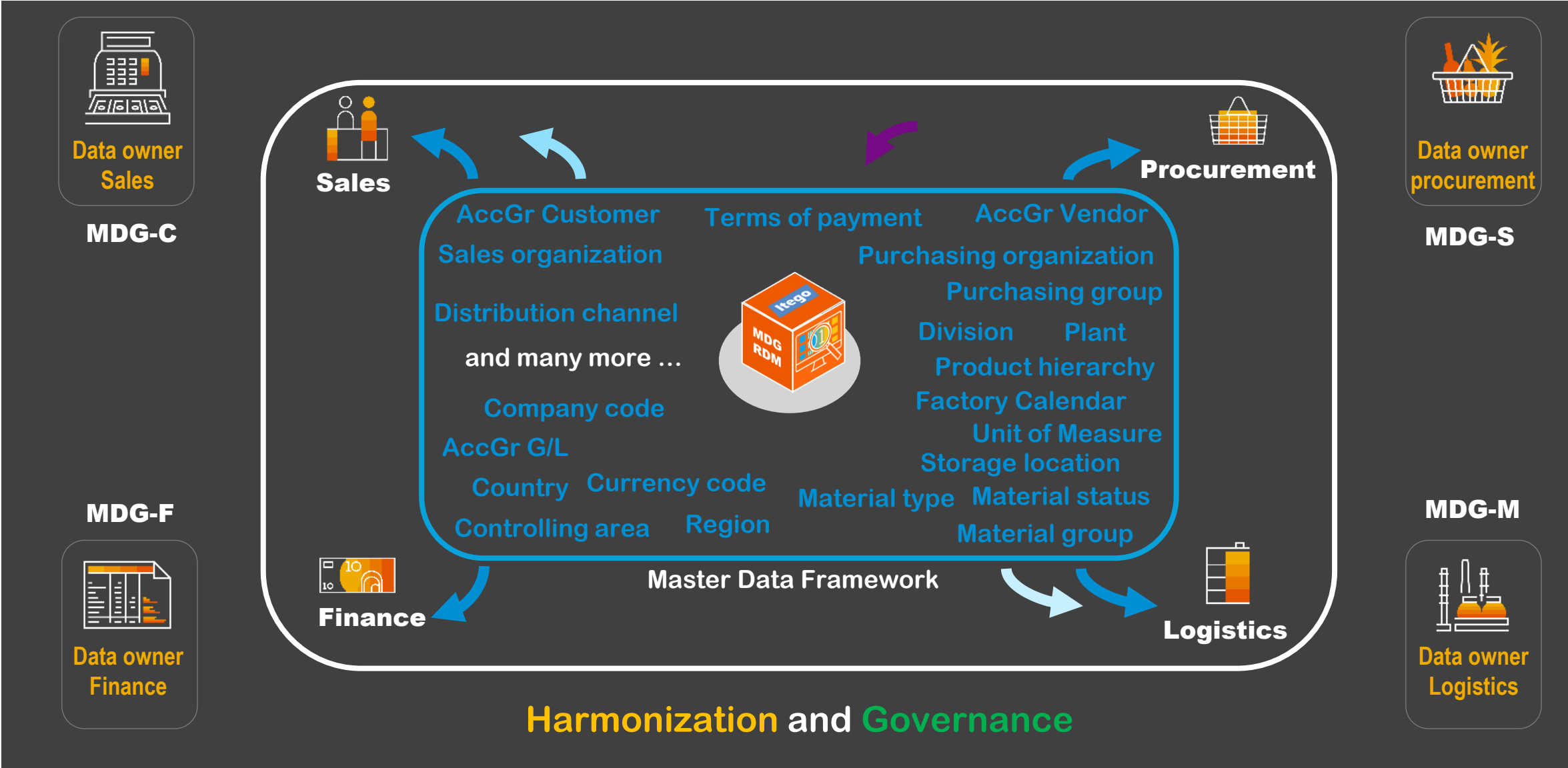
Quick Fixes / Reporting

Harmonization

Governance

Reference Data Management

Creating and keeping the Single Source of Truth



Reference Data Management

Roadmap / **RDM 2204**



Current Release

- Governance
 - Financials / Logistics
 - Sales / Purchasing
 - HR and General Settings
- Harmonization
 - Reference Data Replicator
- Framework
 - Generic Data Replication
 - Business Rules for Ref. Data



New Release (2204)

- **Harmonization**
 - **Harmonization Cockpit**
- Governance
 - Classes, Characteristics
 - MRP Profile, MRP Type
- Framework
 - Extended Business Rule Framework

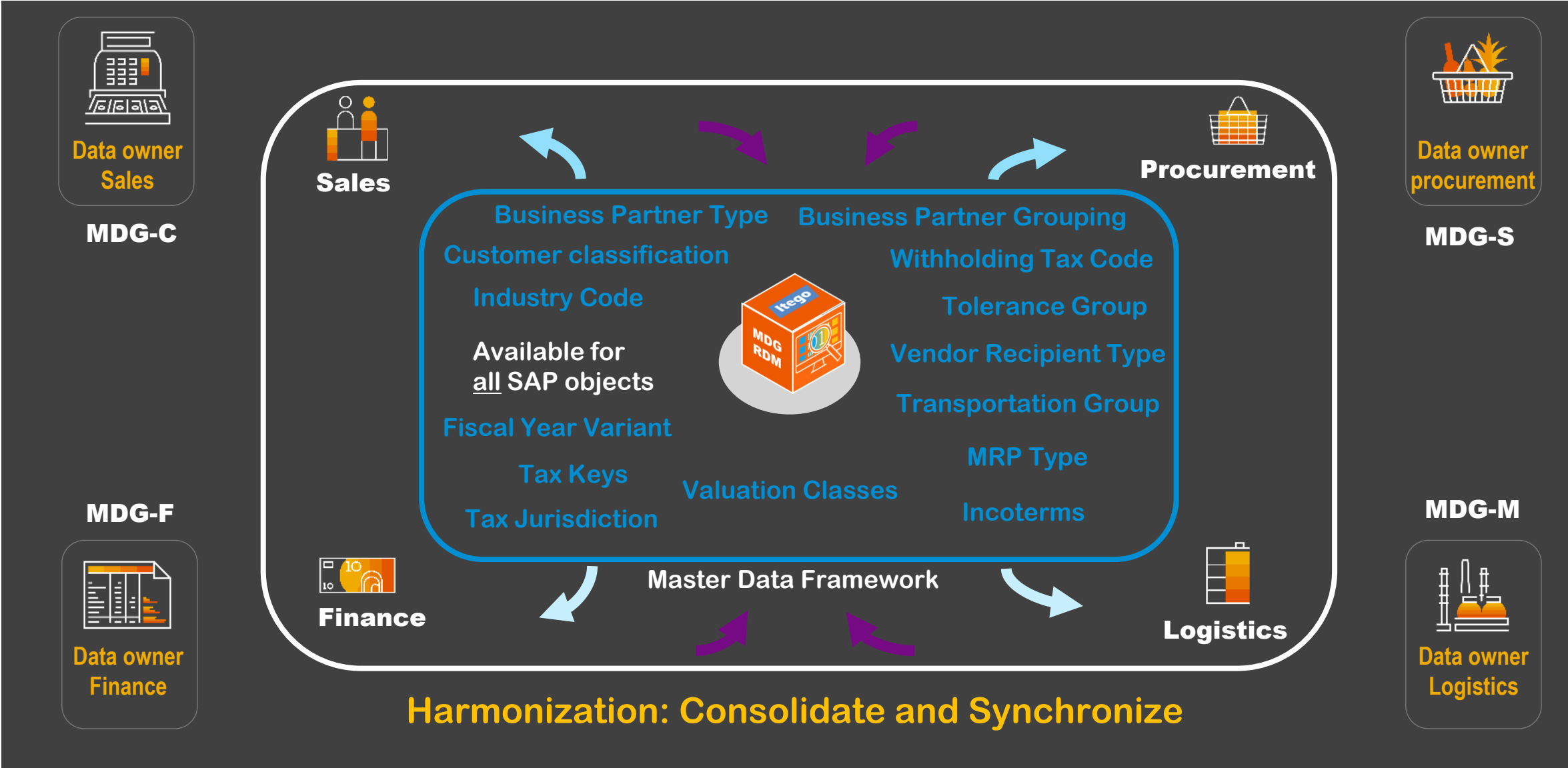


Future Releases / Vision

- Governance
 - Extended coverage and additional process enhancements
- Harmonization, Framework
 - Enhanced content delivery
- Repository for the Cloud
 - System and Data for usage across companies

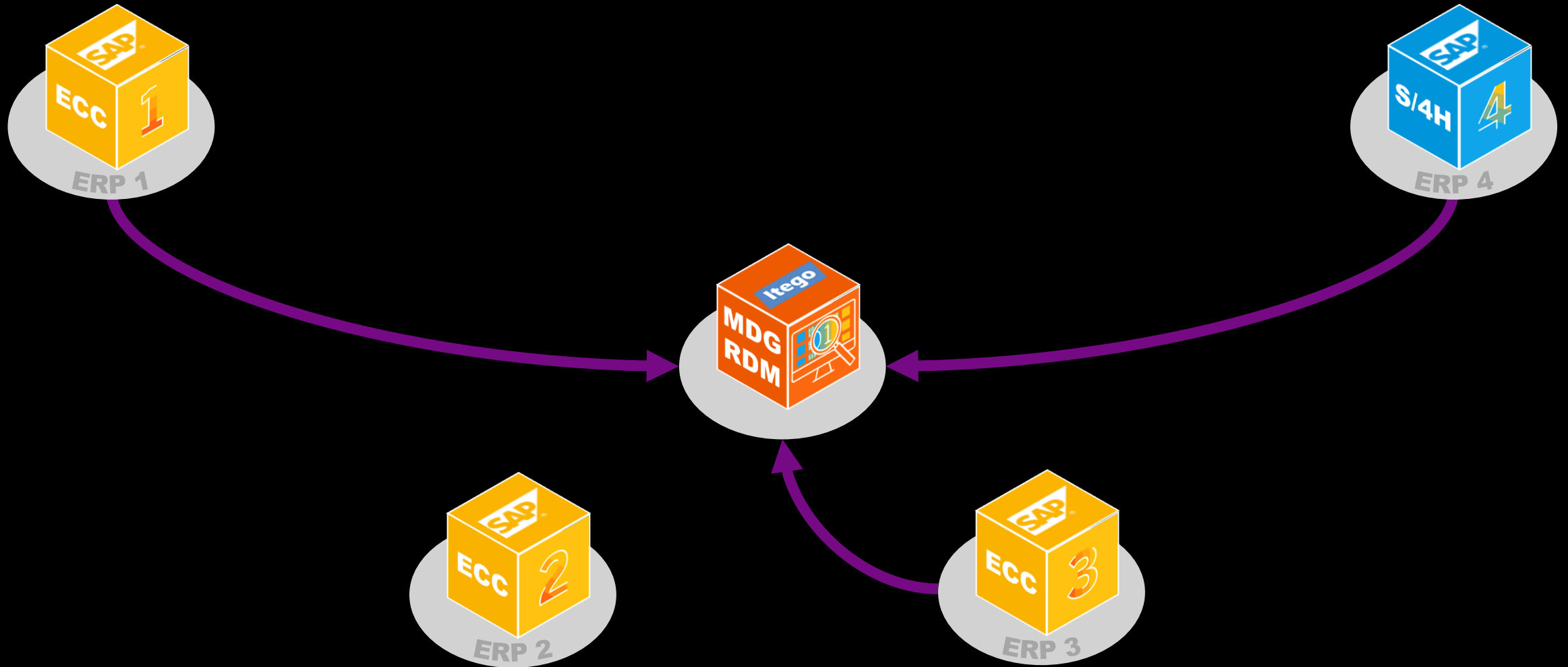
Reference Data Management

Creating the Single Source of Truth



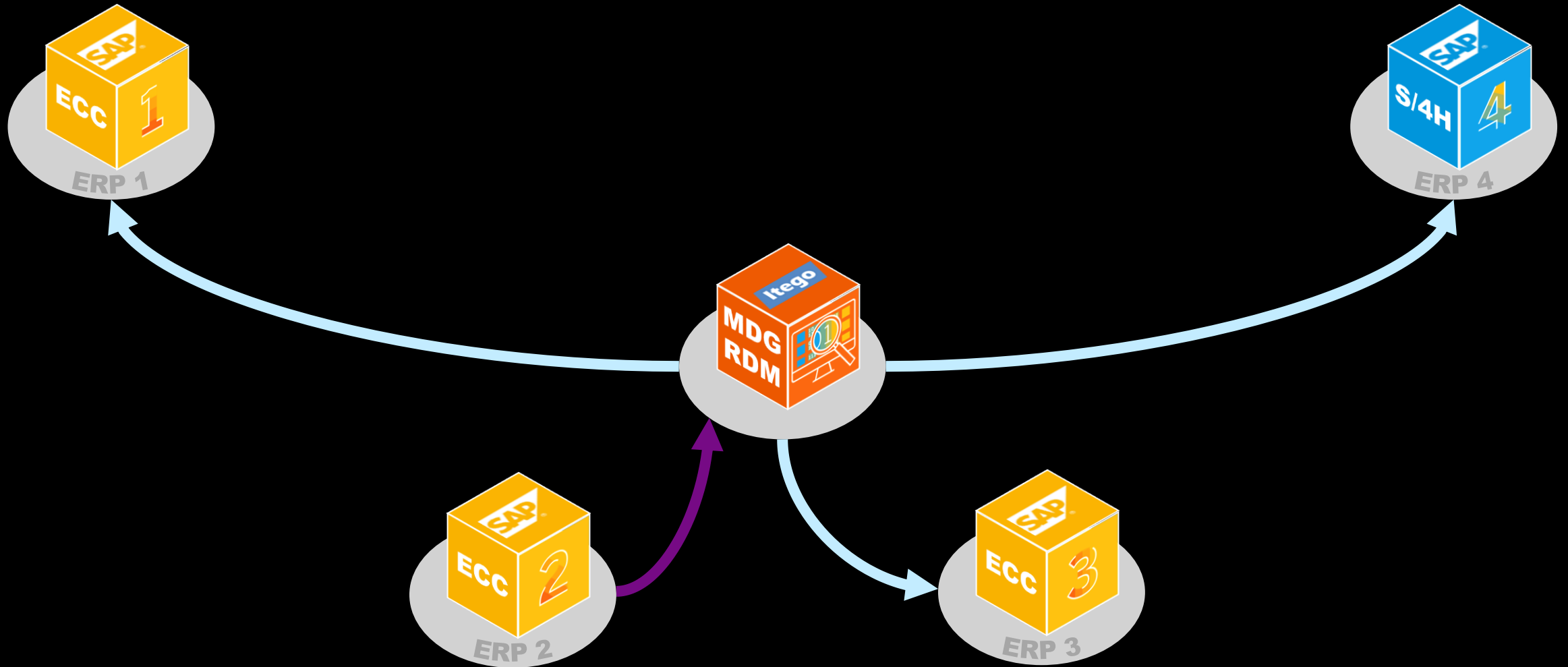
Reference Data Harmonization

Step 1: Consolidation



Reference Data Harmonization


Step 2: Synchronization



Reference Data Harmonization

Sender Cockpit

Expert
Send/Receive



Groups and ForeignKeys

Configuration Groups

Foreign Keys

i

Business Objects

Recreate Foreign Keys

Send and Activate

Send

Monitoring

i

Activation

Logging

Dialog Structure

- ▼ CustHarmonization - Groups
 - ▼ CustHarmonization - Objects

CustHarmonization - Objects

CustGroup	Table Name	Line	A	Object key
PAYMENTTERM	T052	1	<input checked="" type="checkbox"/>	100* *
PAYMENTTERM	T052U	1	<input checked="" type="checkbox"/>	100** *
PAYMENTTERM	TVZB	1	<input checked="" type="checkbox"/>	100*
PAYMENTTERM	TVZBT	1	<input checked="" type="checkbox"/>	100**

RDH: ReferenceDataHarmonization - Send Objects

IdocReduction Show Protocols

ObjectSelection

Table(s)	T052	to		➔
View(s)		to		➔
Customizing-Group(s)	PAYMENTTERM	to		➔

ALE / Webservice

MessageType	/ITG/GENERIC
Logical System	IH2400
Port for Webservice	

Mode

Transfer Single Bundle Snapshot Transport

Options

Scope	<input checked="" type="radio"/> with address	<input type="radio"/> without address
Heterogen	<input checked="" type="radio"/> Yes	<input 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

RDH: Customizing Harmonization - Send/Activate Objects

Snapshot:	T052	Indexid =	T052115356
	12 0		
Snapshot:	T052U	Indexid =	T052U115356
	17 0		
Snapshot:	TVZB	Indexid =	TVZB115356
	11 0		
Snapshot:	TVZBT	Indexid =	TVZBT115356
	21 0		

Idoc-Number	Receiver	MessageType	IdocType
0000000000030049	IH2400	/ITG/GENERIC	/ITG/GENERIC02

Settings

Field Reduction

Field Reduction


i

Overwrite Protection

Reference Data Harmonization

Receiver Cockpit

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

RDH: Show/Activate SnapShot(s)

Choice

IndexId to
Version to
Table to
Date 26.04.2022 to 26.04.2022

Records selected: 0004

ID	Table	DB-Entr.	AD-Entries	Short Description	MainIndex	AddrIndex	User Name	Program	Current Date	Time	SAP System Mandt	Act-User	Act-Date	Act-Time
->IH2100220426115356	T052	12		Terms of Payment	T052115356		IT_ALL_SU	RDH	26.04.2022	11:53:56	IH2	100		00:00:00
	T052U	12		Own Explanations for Terms of Payment	T052U115356		IT_ALL_SU	RDH	26.04.2022	11:53:56	IH2	100		00:00:00
	TVZB	11		Customers: Terms of payment	TVZB115356		IT_ALL_SU	RDH	26.04.2022	11:53:56	IH2	100		00:00:00
	TVZBT	21		Customers: Terms of Payment Texts	TVZBT115356		IT_ALL_SU	RDH	26.04.2022	11:53:56	IH2	100		00:00:00

- Copy Text
- Details
- Optimize Width
- Unfreeze Columns
- Spreadsheet...
- Delete
- Compare**
- Compare (Overview)
- All differences
- Save Before Activate
- Set Active-Flags
- Delete Active-Flags
- Activate (all)
- Compare Addr.

RDH: Show/Activate SnapShot(s)

RDH: Show/Activate SnapShot(s) 1

Differences (1=DB only,2=IND-only,3=DIFF,4=IDEN)

Select Row (3=DIIF) shows Details!

0005	0001	0001	0010
1	xxx002	00	
1	xxx008	00	
1	xxx010	00	
1	xxx011100		
1	xxx02	00	
2	xxx200200		
3	xxx000831		
4	xxx000100		
4	xxx000200		
4	xxx000300		
4	xxx000400		
4	xxx000500		
4	xxx000600		
4	xxx000715		
4	xxx000731		
4	xxx000815		
4	xxx000900		

RDH: Show/Activate SnapShot(s)

RDH: Show/Activate SnapShot(s)

Field-Differences (Yellow=SnapShot, Red=DB) (<NF>=not filled)

KEY: xxx000831

ZTAG1 010 014

Reference Data Management

Roadmap / **RDM 2204**



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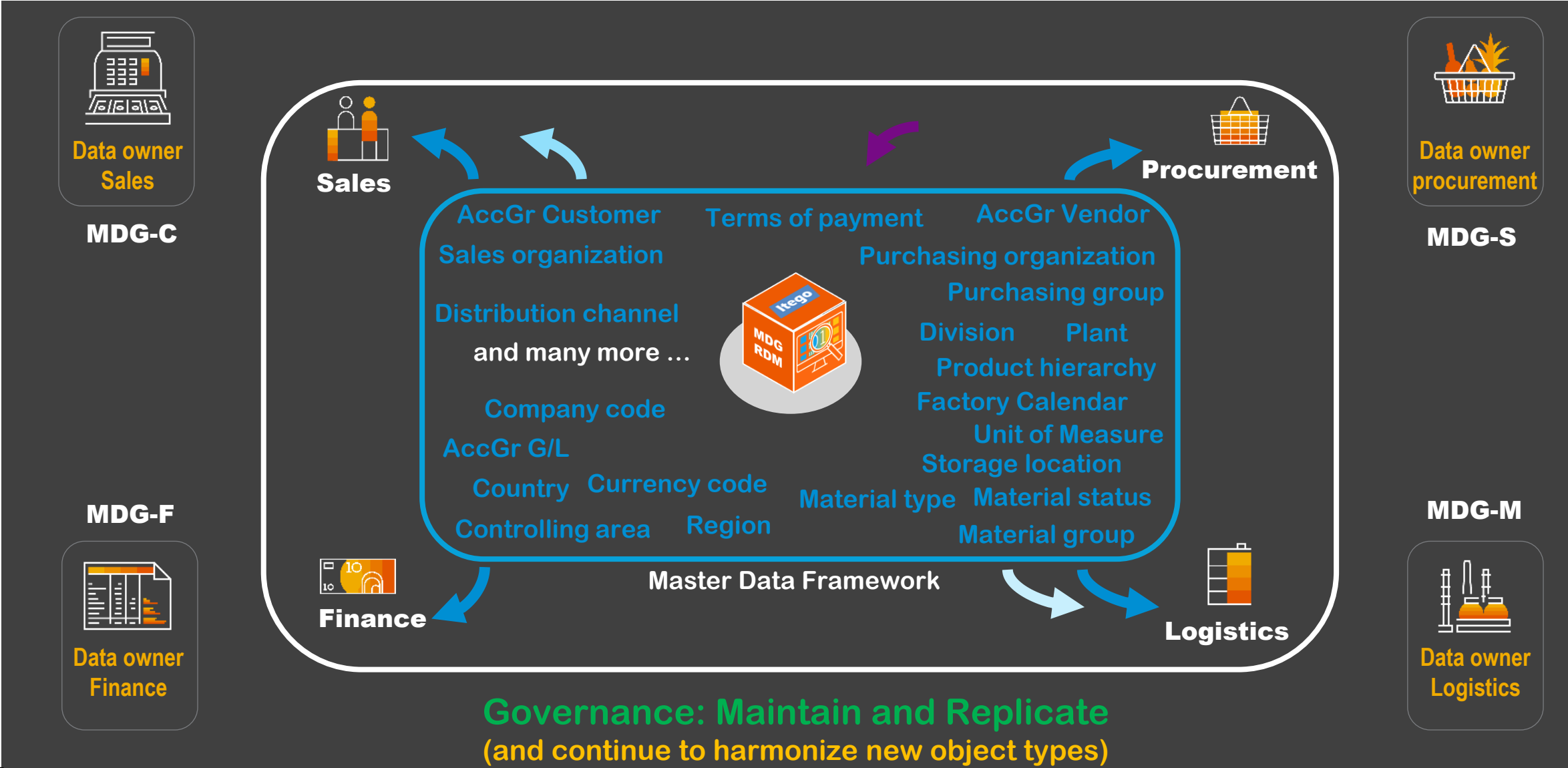


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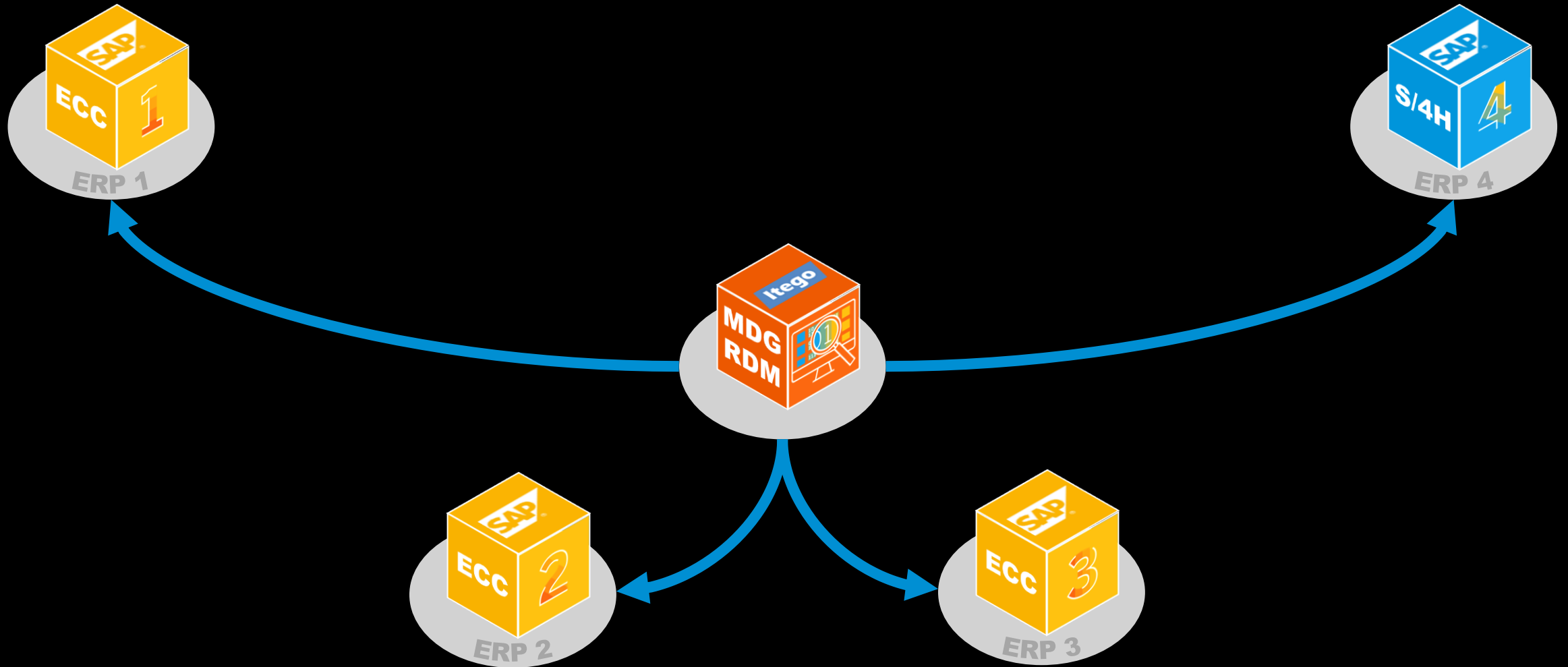
Reference Data Management

Keeping the Single Source of Truth



Reference Data Governance

Workflow Driven Maintenance and Replication



Reference Data Governance

New object types

Financials

Business Area
Chart of Accounts
Company Code
Controlling Area
Customer Acc. Group
Currency
Document Type
Exchange Rates
Functional Area
Gen. Ledger Acc. Group
Operating Concern
Vendor Acc. Group

Processing of Multiple Objects

File Download
File Upload

Sales and Distribution

Distribution Channel
Incoterms
Payment Terms
Payment Terms Details
Product Hierarchy Name
Product Hierarchy Nodes
Product Hierarchy Sub Nodes
Sales Group
Sales Organization
Shipping Conditions
Shipping Type

Data Replication

Replicate by Objects
Replicate by Replication Model
Monitor Replication
Define Filter Criteria

Logistics

BOM Usage
Characteristics
Classes
Division
Factory Calendar
Laboratory/Office
Location
Material Group
Material Status
Material Type
MRP Profile
MRP Type
Plant
Storage Location
Unit of Measure

Change Requests and Documents

My Change Requests
Display Change Requests
Display Change Documents

Purchasing

Purchasing Group
Purchasing Organization

Human Resources

Personnel Areas

General Settings

Country
Language Key
Region

Data Transfer

Import Master Data
Monitor Data Transfer

Reference Data Governance

Local Staging Area Cockpit

SAP Admin Staging Content

Start Local Staging Report Show SnapShot Create Snapshot Show Logs Refresh Show GenericIdoc More ▾

Choice

Object-Type: to:

Local Table: to:

Staging Table: to:

Records selected: 0080

Object	ObjectName	LocalTable	TableName	StagTable	Hier.	LocalEntries	StagEntries	LocAddEnt	StagAddEnt	Cust-Tx
<input type="checkbox"/>	/ITR/BT416 RDM: BOM Usages	T416	BOM Usage - Item Statuses	/ITR/T416	1	14	14			
<input type="checkbox"/>		T416T	BOM Usage Texts	/ITR/T416T	2	29	1			
<input type="checkbox"/>		T416V	Copy defaults for BOM usage - item statuses	/ITR/T416V	2	8	14			
<input type="checkbox"/>	/ITR/BT499 RDM: Location	T499S	Location	/ITR/T499S	1	4	1	1	3	
<input type="checkbox"/>	/ITR/BT50P RDM: Personnel Areas	T500P	Personnel Areas	/ITR/T500P	1	120		23		
<input type="checkbox"/>	/ITR/BTCUR RDM: Currency	TCURC	Currency Codes	/ITR/TCURC	1	225				
<input type="checkbox"/>		TCURT	Currency Code Names	/ITR/TCURT	2	458				
<input type="checkbox"/>	/ITR/BTDIM RDM:MRP Type	T438A	MRP Type	/ITR/T438A	1	39				
<input type="checkbox"/>		T438T	MRP description	/ITR/T438T	2	62				
<input type="checkbox"/>	/ITR/BTDIS RDM:MRP Profile	MDIP	Material: MRP Profiles (Field Contents)	/ITR/MDIP	1	3	2			
<input type="checkbox"/>		T401A	Material: MRP profiles (definition)	/ITR/T401A	3	3	3			
<input type="checkbox"/>		T401T	MRP Profile Descriptions	/ITR/T401T	2	3	2			
<input type="checkbox"/>	/ITR/BTFCD RDM: Fact. Calendar	TFACD	Factory calendar definition	/ITR/TFACD	1	96	1			
<input type="checkbox"/>		TFACT	Factory calendar texts	/ITR/TFACT	2	186	1			
<input type="checkbox"/>		TFAIN	Calendar: Intervals for company holidays, special shifts	/ITR/TFAIN	2	3344				
<input type="checkbox"/>		TFAIT	Calendar: Text for factory calendar intervals	/ITR/TFAIT	2	6953				
<input type="checkbox"/>	/ITR/BTFKB RDM: FunctionalAreas	TFKB	Functional areas	/ITR/TFKB	1	18	27			

Reference Data Management for SAP MDG

Roadmap / **RDM 2204**



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- **Framework**
 - **Extended Business Rule Framework**

















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- Governance
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Master Data Framework (MDF)

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 Conditional Fields for Rules
 -   Define Values for Conditional Fields
 -   Rules Service Extensibility Adapter
 - ▼ Search UI Configuration
 -   Configure Search Criteria and Result List

Master Data Framework (MDF)

Example 1: User Interface Configuration

Company Code Edit

[Company Code details](#) [Company Code address](#)

Company Code

* Company Code:

* Company Name:

City:

* Country/Region Key:

Currency:

Language Key:

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

Itego MDF: UI Field Properties configurations

Model	Entity Type	Field Name	Type of Chg. R...	CR Step	Field Prop	Active
I1	COMPCODE	ORT01	*	*	Required Field	<input checked="" type="checkbox"/>

All 1

Maintain value for Mandatory Field " City "

Reason:

> Audit Information

Company Code Edit

[Company Code details](#) [Company Code address](#)

Company Code

Company Code:

* Company Name:

* City:

* Country/Region Key: Germany

Currency: European Euro

Language Key:

No errors found

SAP Process Object with MDG

Due Date:

Reason:

> Audit Information

Company Code Edit

[Company Code details](#) [Company Code address](#)

Company Code

Company Code:

* Company Name:

* City:

* Country/Region Key: Germany

Currency: European Euro

Language Key:

Master Data Framework (MDF)

Example 2: Rule Configuration - Derivation

Material Group [Edit](#)

* Material Group:

Description (short text):

Description (long text):

Division:

Valuation Class:

Default unit of weight:

Change View "Itego MDF: Define Values for Conditional Fields": Overview

New Entries      

Itego MDF: Define Values for Conditional Fields

Model	Rule ID	Entity Type	Field Name	Counter	Co field1 From ...	Co field1 To ...	Co field2 From...	Co field2 To v...	Co field3 Fr...	Co field3 T...	From Value	To Value	Active
I1	0001	MATKL	BKLAS	1	01						0710		<input checked="" type="checkbox"/>
I1	0001	MATKL	BKLAS	2	A1						3030		<input checked="" type="checkbox"/>



Division: Product Division 01

Valuation Class: Equipment 1

Default unit of weight:

Division: Operating supplies

Valuation Class: Operating supplies

Default unit of weight:

Reference Data Management

Roadmap / RDM 2207



Current Release (2204)

- Governance
 - Financials / Logistics
 - Sales / Purchasing
 - HR and General Settings
- Harmonization
 - Harmonization Cockpit
- Framework
 - Generic Data Replication
 - Business Rules for Ref. Data



Planned Release (2207)

- Governance
 - Valuation Class
 - Tax Code
 - MRP Area
 - Material Group (extended)
- User Interface Extensions
 - **Fiori Launchpad**
 - Business Rule Maintenance
 - Harmonization Cockpit



Future Release (2210)

- Governance
 - MRP Controller
 - <Input from CEP>
- Harmonization
 - <Input from CEP>
- Framework, User Interface
 - <Input from CEP>

CEP = Customer Engagement Program

Fiori Launchpad Version S/4 2020

RDM 2204 (Beta)

The screenshot displays the SAP Fiori Launchpad interface. At the top, there is a dark blue header with the SAP logo and a 'Home' dropdown menu. To the right of the header are search, notification, and user profile icons. Below the header is a navigation bar with tabs for 'General Settings', 'Human Resources', 'Logistics', 'Purchasing', 'Sales and Distribution', 'Classification', 'Financials', and 'Fiori Launchpad'. The main content area is divided into three sections: 'General Settings', 'Human Resources', and 'Logistics'. Each section contains a grid of application tiles. The 'General Settings' section has 10 tiles, with the first one highlighted. The 'Human Resources' section has 10 tiles. The 'Logistics' section has 10 tiles. The tiles are arranged in two rows per section.

General Settings

- Change Requests Process Change Req...
- My Change Request
- Display Change Requests
- Display Change Documents
- Country Search & Create Co...
- Language key Search & Create Lan...
- Regions Search & Create Reg...
- File Download
- File Upload
- Replicate by Objects
- Replicate by Replication Model
- Monitor Replication
- Define Filter Criteria
- Import Master Data
- Monitor Data Transfer
- Edition Monitor
- Edition Comparison
- Distribution Monitor

Human Resources

- Change Requests Process Change Req...
- My Change Request
- Display Change Requests
- Display Change Documents
- Personnel Areas Search & Create Per...
- File Download
- File Upload
- Replicate by Objects
- Replicate by Replication Model
- Monitor Replication
- Define Filter Criteria
- Import Master Data
- Monitor Data Transfer
- Edition Monitor
- Edition Comparison
- Distribution Monitor

Logistics

- Change Requests Process Change Req...
- My Change Request
- Display Change Requests
- Display Change Documents
- Division Search & Create Divi...
- Factory Calendar Search & Create Fac...
- Laboratory/Office Search & Create Lab...
- Location Search & Create Loc...
- Material Group Search & Create Mat...
- Material Status Search & Create Mat...

Fiori Launchpad Version S/4 2021

RDM 2207

The screenshot displays the SAP Fiori Launchpad interface. At the top, there is a dark blue header bar with the SAP logo on the left, a 'Home' dropdown menu, and search and help icons on the right. Below the header, the main content area is divided into several sections:

- Navigation Menu:** A dropdown menu is open, listing various business areas: Financials (highlighted), Logistics, Sales and Distribution, Human Resources, General Settings, Classification, and Purchasing.
- Change Request Section:** Contains four tiles: 'Change Request Process C...', 'Change Request...', 'Display Change Requests', and 'Display Change Documents'.
- Objects Section:** A grid of ten tiles for searching and creating objects:
 - Business Area: Search & Create Bus...
 - Chart Of Accounts: Search & Create Cha...
 - Company Code: Search & Create Co...
 - Controlling Area: Search & Create Co...
 - Customer Account Group: Search & Create Cus...
 - Document Type: Search & Create Doc...
 - Exchange Rates: Search & Create Exc...
 - Functional Area: Search & Create Fun...
 - G/L Account Group: Search & Create G/L ...
 - Operating Concern: Search & Create Op...
- Processing of Multiple Objects Section:** Contains two tiles: 'File Download' and 'File Upload'.

Reference Data Management

Your input matters: **RDM 2210 – Customer Engagement Program (CEP)**



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Planned Release (2207)

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Future Release (2210)

- Governance
 - MRP Controller
 - **<Input from CEP>**
- Harmonization
 - **<Input from CEP>**
- Framework, User Interface
 - **<Input from CEP>**

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