



# SAP Master Data Governance on SAP S/4HANA *Central Governance of Financial Data*

SAP Master Data Governance  
October 2023

Public



# Agenda

## **Financial Master Data in the Business – Situation and Challenges**

The Solution: SAP Master Data Governance for Financials

Functions in Details

The Solution Benefits

Summary

Appendix

# Situation and Challenges

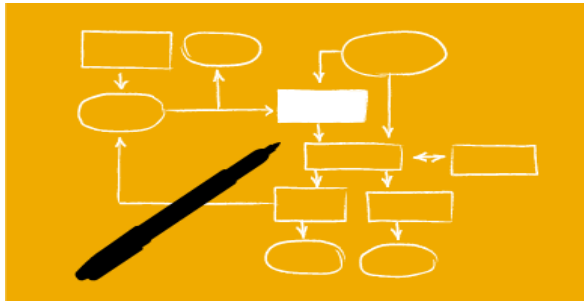
## The need for Financial Master Data Governance

### Maintain consistency across data sources



- Strong data maintenance and approval guidance
- Validation checks built into data entry processes
- Data distribution control to manage varied content over multiple systems

### Streamline and automate processes



- Centrally governed maintenance processes
- Role-based workflows with flexible routing
- Business Rules to control content and assignment options

### Tracking and tracing of changes



- Change documentation on content
- Workflow tracking on approval history
- Validity tracing of time-controlled distribution

# Situation and Challenges

## Financial Organizations' Master Data

### Current Challenges

- Lack of data standards/policies
- Manual data management processes
- Increasingly complex regulations
- Lack of change transparency/audit trails
- Inability to manage time-dependent data provisioning



### Impacting Your

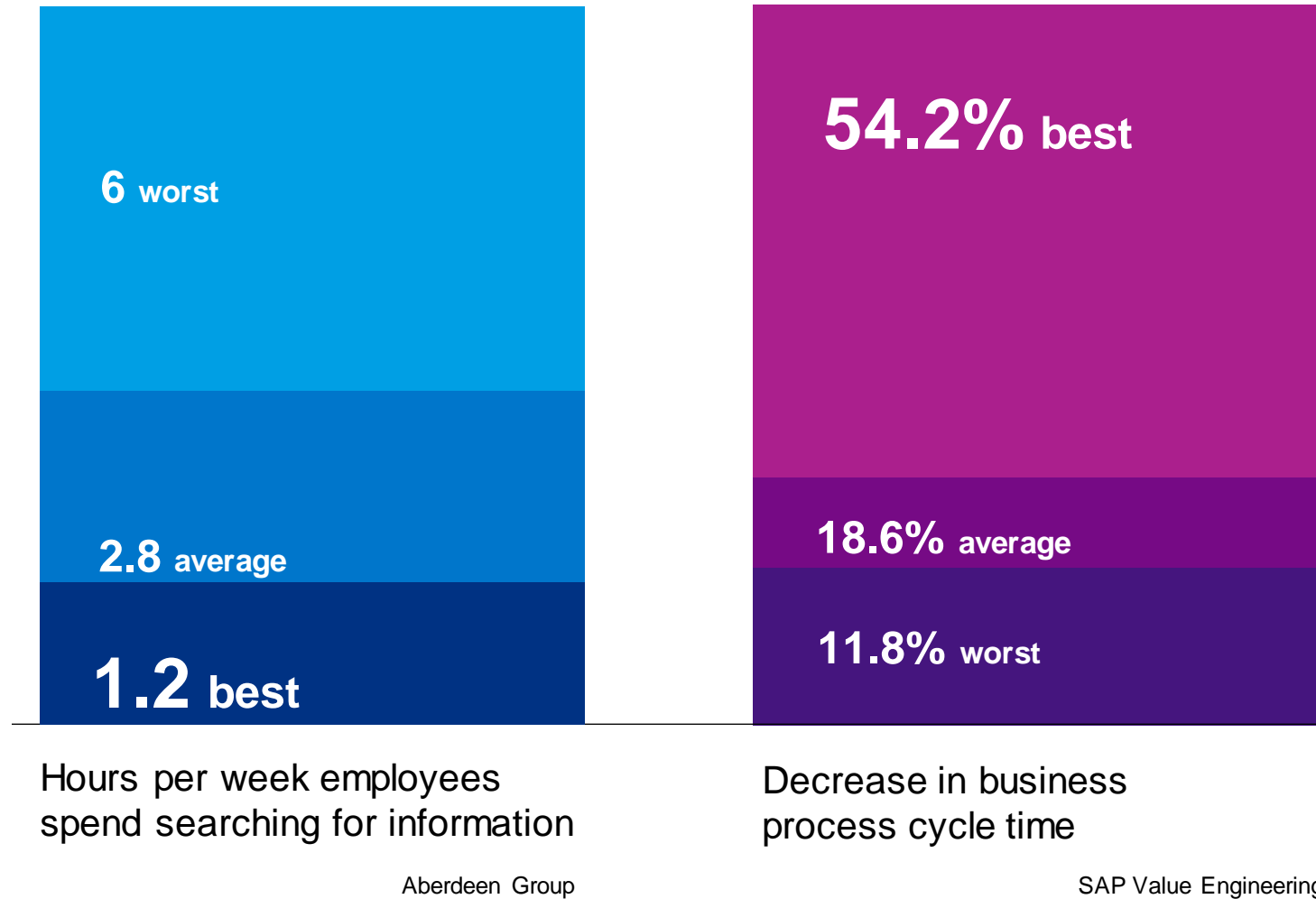
**Operational Efficiency**

**Regulatory Compliance**

**Planning & Analysis**

# Situation and Challenges

How can Financial Master Data Governance help?



# Agenda

Financial Master Data in the Business – Situation and Challenges

## **The Solution: SAP Master Data Governance for Financials**

- **Process**
- **Content**
- **Architecture**
- **Technology**

Functions in Details

The Solution Benefits

Summary

Appendix

# SAP Master Data Governance for Financials

## At a Glance

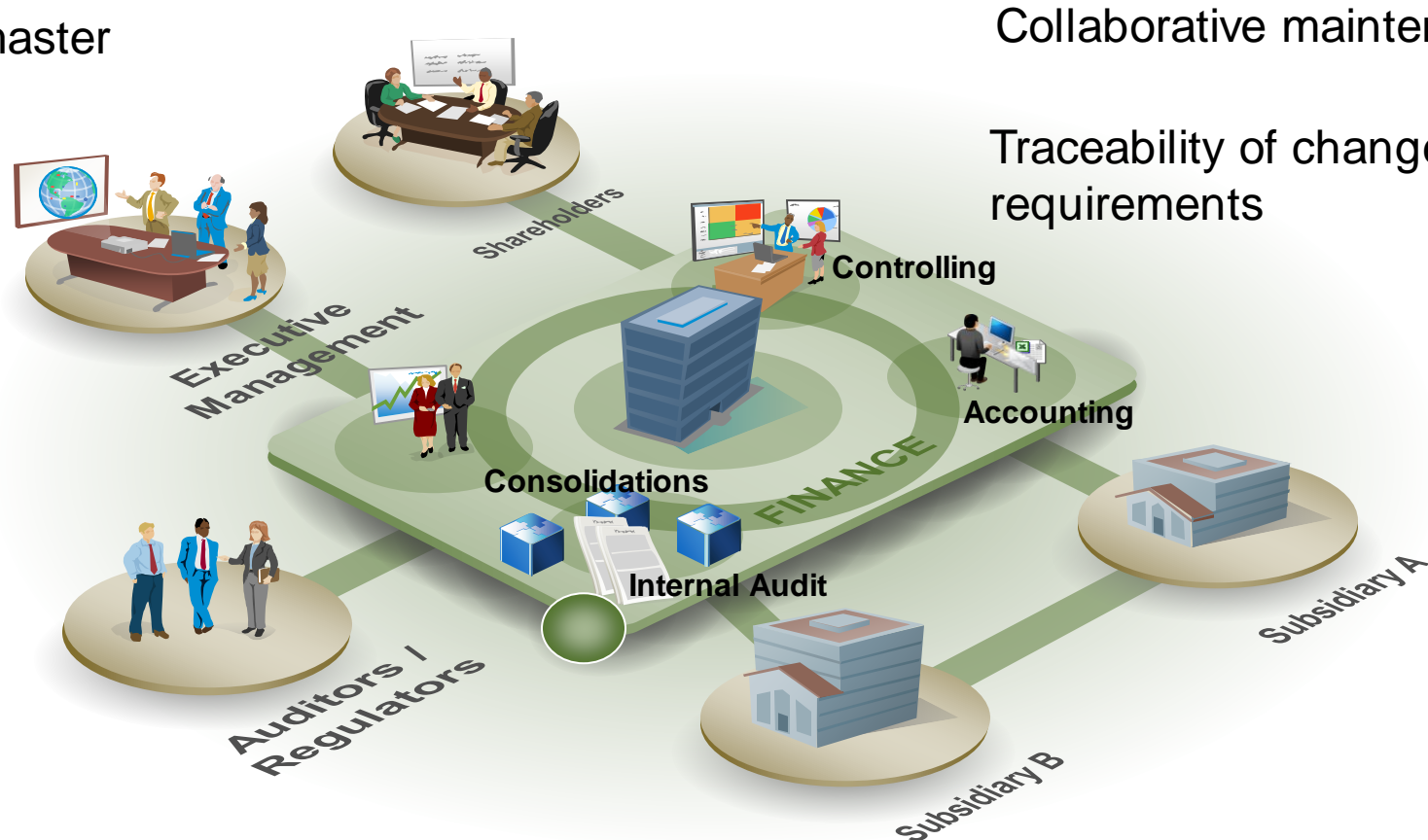
- Master Data Governance for Financials (MDG-F) is an application to centrally govern the maintenance of financial master data.
- MDG-F provides central steering and control mechanisms independently of local or centralized execution.
- In MDG-F, master data records can be created, completed or changed in a staging area, following a distributed step-by-step way, before making the record available to connected business applications.



# SAP Master Data Governance for Financials

Addresses all business processes

Consistent financial master data across the entire organization



Collaborative maintenance

Traceability of changes for compliance requirements

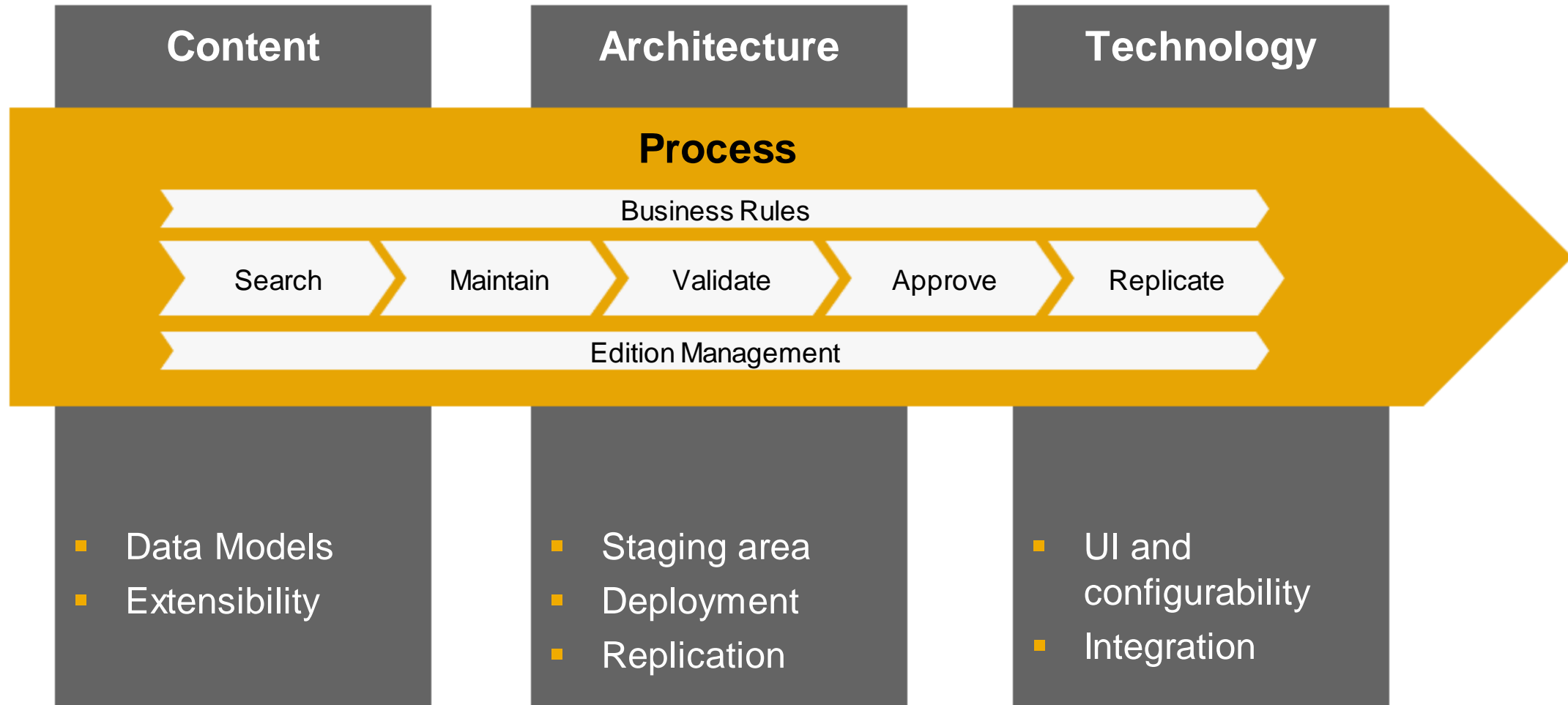
Excellence in financial processes, that is, accurate reconciliation, timely group closing

High quality of master data and a single version of the truth



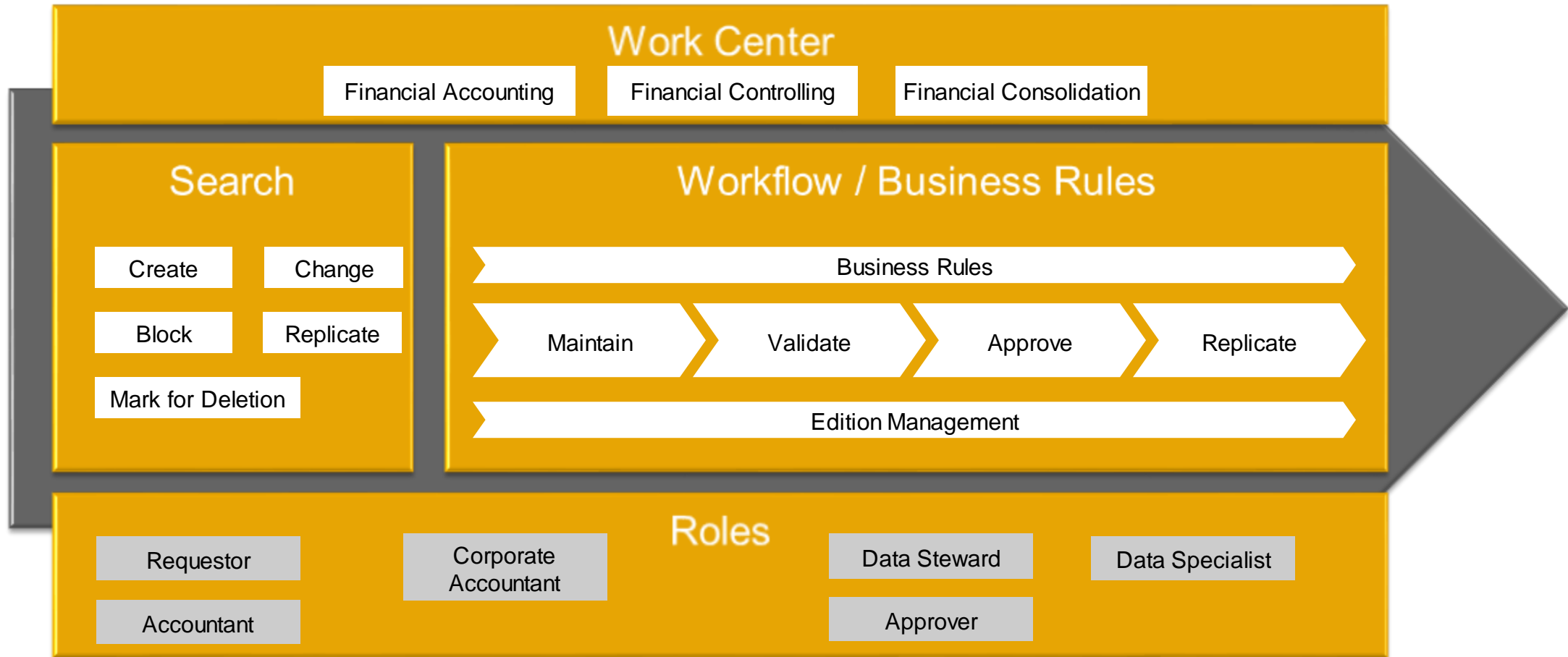
# SAP Master Data Governance for Financials

## Building Block Overview



# SAP Master Data Governance for Financials

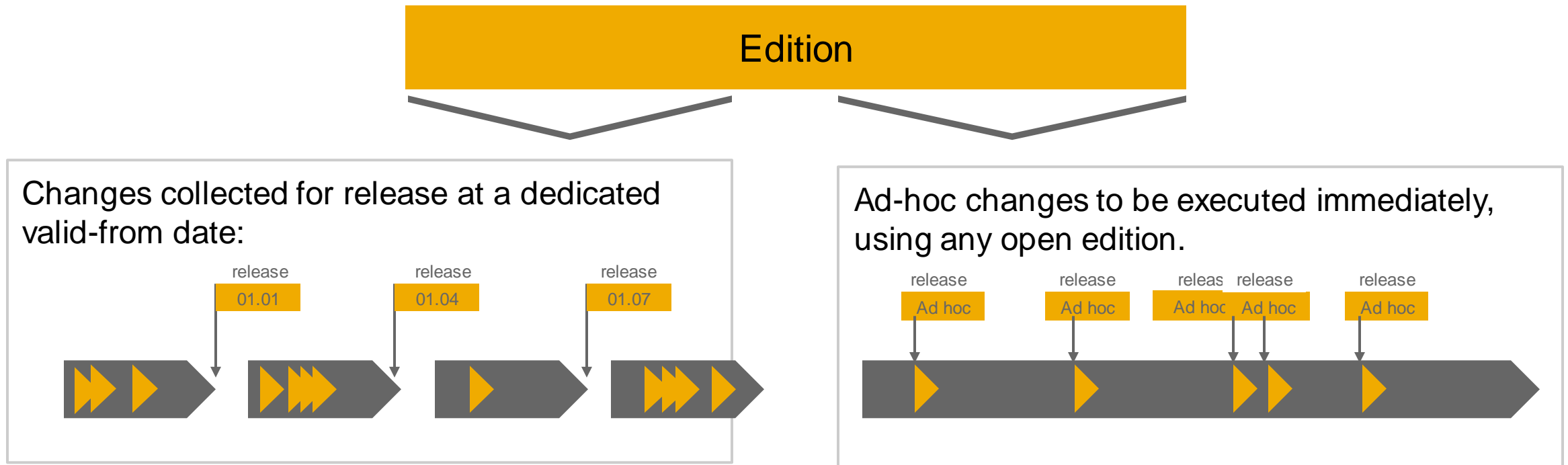
## Processing Framework



# SAP Master Data Governance for Financials

## Edition Management

Editions are used to control the validity of a change. In the edition, planned change requests for the creation of new data or for changes to existing data are collected and released collectively at a certain date. Time-dependent objects (profit or cost center) automatically inherit the valid-from date from the edition's valid-from date.



# SAP Master Data Governance for Financials

Intuitive, Integrated Maintenance

SAP MDG-F offers an intuitive interface to efficiently maintain financial master data in an integrated fashion. Instead of navigating through multiple tabs and switching between organizational structures, the key users work with a browser-based interface. For less frequent users, FIORI-based applications are offered.

### G/L Account (Chart of Account) and Company Code Data

G/L Account: ALS1/100010

Save

Cancel

Show

Delete

Validity

Account Details

Edit

General Data

Chart of Accounts: ALS1 Chart of Accounts for ALS Industriemaschir

Account / Name: 100010 Material acc. 100010

Long Text: Material account ALS1 EN 100010

Administrative Data

New Account:

User Responsible: STEINBUCH

Person Responsible: Andreas Steinbuch

Control Data

Account Group: MAT Materials management accounts

Account Type: Balance Sheet Account

P&L Statement Account ...

Functional Area:

Audit Information

Created On/By: 02.04.2013 09:42:23

Changed On/By: 02.04.2013 09:58:11

Account Descriptions

Account Attachments

Account in Company Codes

New

Actions	Company Code	Company Code Description
<div>Details</div>	ALS1	ALS Industriemaschinen AG
<div>Details</div>	ALS2	ALS Energietechnik A.G.

### Request new Cost Center (FIORI)

Request New Cost Center

New Cost Center

Form

Duplicates

Attachments

Reason for Request: New Cost Center Production Line

\*Valid From: May 1, 2014

\*Controlling Area: 0001

\*Cost Center/Name: PL0001

Company Code:

Currency:

Person Responsible:

Additional Information: Example: Cost center category

### Financial Reporting Structure and Financial Reporting Structure Item

Financial Reporting Structure: ALS1/SWA7

Save

Cancel

Show

Delete

Validity

Financial Reporting Structure Details

Edit

General Data

Chart of Accounts: ALS1 Chart of Accounts for ALS Industriemaschir

Financial Reporting Stru... SWA7 FINANCE

Functional Areas Allow...

Group Account Number:

Audit Information

Created On/By: 19.08.2013 13:38:28

Changed On/By: Swati Gupta

Financial Reporting Structure Descriptions

Edit

Actions	Language	Name
<div></div>	English	FINANCE

Financial Reporting Structure Items

Edit

New

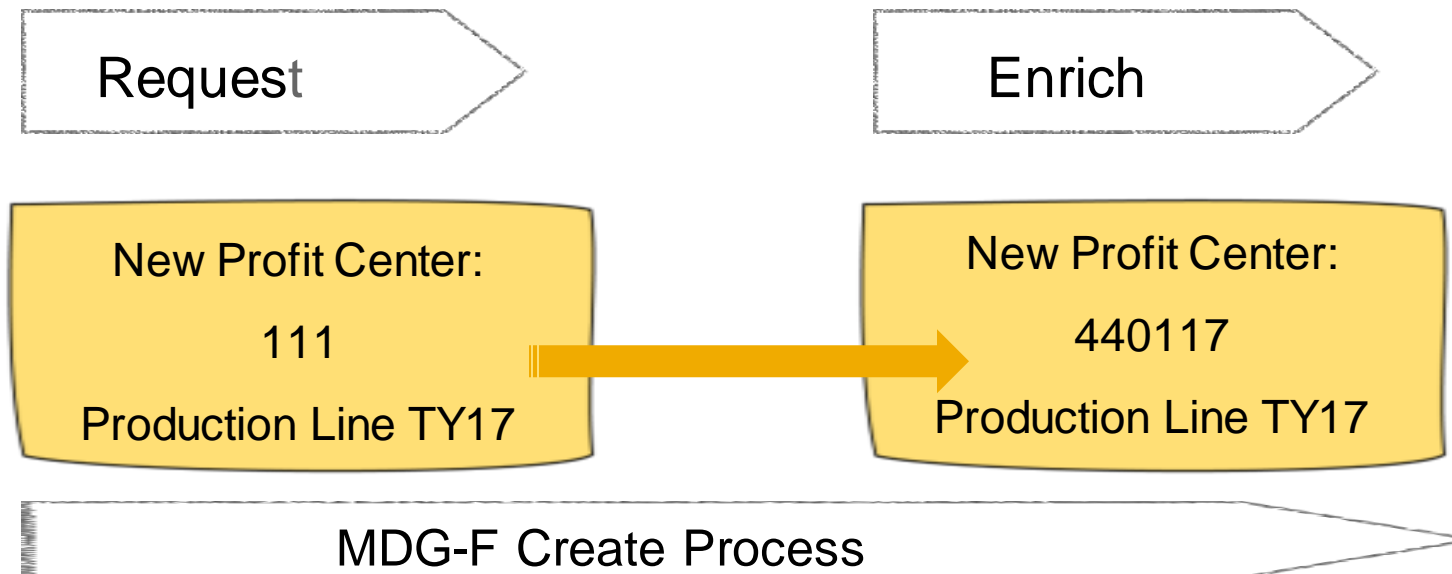
Actions	FRS Item	Name	Contra Item	Output Total at En...	Output Graduated ...	Reverse +/- Sign
<div>Details</div>	ITEM7	ITEM				
<div>Details</div>	ITEM71	ITEM				

# SAP Master Data Governance for Financials

## Work with Changeable Keys



When a user requests a new financial master data item, they frequently do not know yet the number to be used in the consuming applications. To provide flexibility to the requestor and meet corporate numbering standards, the single-object maintenance in SAP MDG-F offers the feature to use a generated key first, then change it to the desired final number in a later step of the creation process.



# SAP Master Data Governance for Financials

## Integrated Change Request

- For all **multiple-objects** processing applications:

- Hierarchy Processing

The screenshot shows the 'Hierarchy Processing: Cost Center Group' interface. A 'Create Change Request' dialog is open, displaying the following fields:

- \* Type: Process Cost Center Group Hierarchies
- \* Description: Processing Hierarchy
- Priority: High
- Due Date: 16.04.2015
- Reason: Data to be enhanced
- Replication Timing: Manually Started After Release of Edition
- Note: Created in Hierarchy Processing

Buttons at the bottom include 'Submit' and 'Cancel'.

- File Upload

The screenshot shows the 'File Upload: Step 3 (Determine Upload Settings)' interface. A 'Create Change Request' dialog is open, displaying the following fields:

- \* Type: Process Cost Center Group Hierarchies
- \* Description: Upload Hierarchy
- Priority: High
- Due Date: 30.04.2015
- Reason: Data to be enhanced
- Replication Timing: Manually Started After Release of Edition
- Note: Created on Fly for a hierarchy upload!

Buttons at the bottom include 'OK' and 'Cancel'.

- Mass Change

The screenshot shows the 'Mass Change: Step 5 (Check and Execute)' interface. A 'Create Change Request' dialog is open, displaying the following fields:

- \* Type: (empty)
- \* Description: (empty)
- Priority: (empty)
- Due Date: (empty)
- Reason: (empty)
- Replication Timing: On Final Approval of Change Request
- Note: (empty)

Buttons at the bottom include 'OK' and 'Cancel'.

# SAP Master Data Governance for Financials

## Hierarchy Assignment in Single-Object Processing

Master Data and Hierarchy Assignment in the same Main Financial Objects UI simple copying

- Cost Center
- Profit Center
- Cost Element
- Cost Center Group
- Profit Center Group
- Cost Element Group
- G/L Account
- Financial Reporting Structure Item

In addition to ERP:

- Overview of all assignments in all hierarchies
- Display and maintain not only standard group, but also alternative hierarchies on one screen

**Cost Center: CN01/200100, Presales 3**

Save Submit Cancel Show Check Undo Redo

**Cost Center Details** Edit

**General Data**

Controlling Area: CN01 Kostenrechnungskreis CN01

Cost Center / Name: 200100 Presales 3

Medium Text: Presales 3

Department: Sales

\* Cost Center Category: V Sales

\* Company Code: CN01 Country Template CN

Business Area:

Functional Area:

\* Currency: CN Chinese Renminbi

Profit Center: SA dummy

Logical System:

**Administrative Data**

New Cost Center:

User Responsible:

\* Person Responsible: David

**Audit Information**

Created On/By: 03.03.2015 23:55:00 Kefeng Wang

Changed On/By: 17.03.2015 17:31:23 Kefeng Wang

**Cost Center Descriptions**

**Cost Center Assignments in Cost Center Group Hierarchies** Edit

New Next Hierarchy Group

Acti...	Hierarchy	Description	Parent Type	Parent Node	Description	Previous Type	Previous Node	Description
	CN01	Standard HRY	Cost Center G...	CN01-2	Standard Group 2	Cost Center	200102	Presales in Sha...
	DEMO_H1	Hierarchy by Region	Cost Center G...	TAIWAN	Taiwan			
	GLOBAL	Hierarchy for Global	Cost Center G...	TAIWAN	Taiwan			

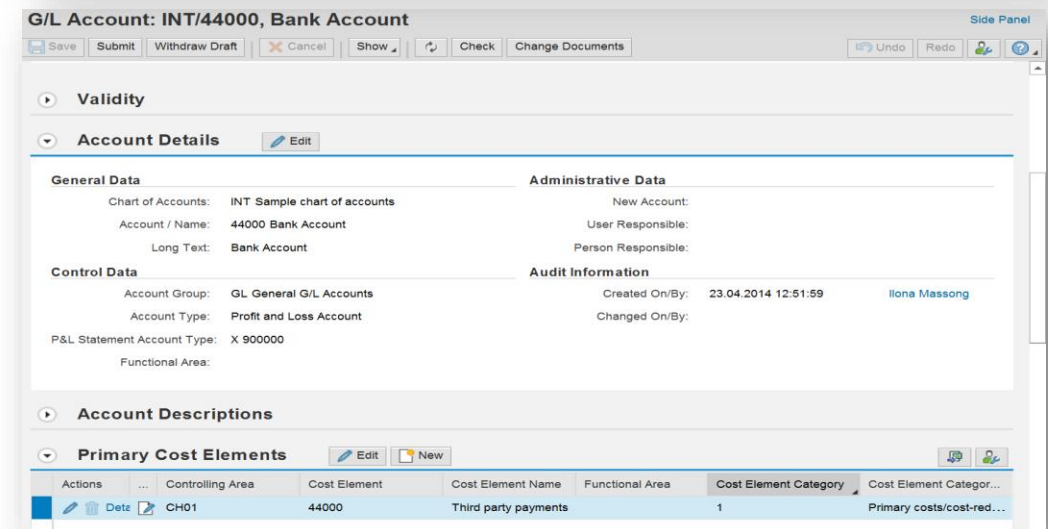
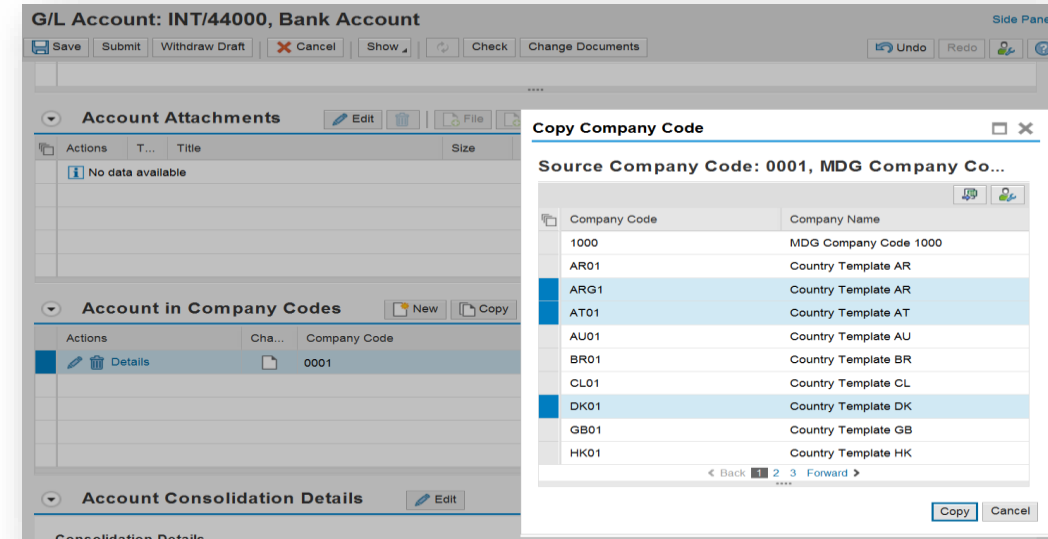
Multiple Alternative Hierarchies

**Cost Center Address** Edit

# SAP Master Data Governance for Financials

## Process Efficiency Features

- Copy multiple company codes: Create multiple company code-specific G/L accounts through the copy function
- One-step creation of cost element: automatically create the primary cost element connected to a new account in the same maintenance step. This is standard for primary cost elements and optional with S/4HANA 1809 for secondary cost elements.





# SAP Master Data Governance for Financials

## Internal Order Master Data

### Innovation in MDG 9.2 / S/4HANA 1809

- Central maintenance and governance of internal order master data
- Replicating internal orders via IDOC from MDG system to S/4HANA or ERP
- Initial load of internal orders into MDG (e.g. from SAP ERP or SAP S/4HANA)

### Business value:

- Centralized governance, compliance and transparency of master data during creation and change through integrated staging, approval and central audit trail
- Consistent definition, authorization and replication of internal order master data, keeps data consistent cross systems
- Elimination of error-prone manual maintenance processes for internal order master data in multiple systems

The screenshot displays the SAP Internal Order Master Data form for order 200220. The form is organized into several sections:

- General Data:** Includes fields for Controlling Area (0001), Order Type (0200), Order / Description (200220), Applicant, Applicant Telephone, Application Date, Department, Estimated Costs (35,600.00), Currency (EUR), Processing Group (01), Person Responsible, Person Responsible Telephone, Work Start, End of Work, and Work Approval.
- Audit Information:** Shows Created On/By (09.07.2018 12:17:1) and Changed On/By.
- Assignments:** Contains Organizational Assignments (Company Code: 0001, Business Area: 0001, Plant: 0001, Functional Area, Object Class: Overhead Costs, Profit Center, Responsible Cost Center: 1000, User Responsible) and Requested By (Requesting Cost Center, Requesting Company Code: 0001, Requesting Order).
- Links:** Includes WBS Element, Sales Order (000000), and External Order No.
- Status:** Shows System Status (Created), Archive Status, and Locked Status.
- Control:** Includes Order Category (01), Statistical, Actual Posted Cost Center, Integrated Planning, Revenue Postings, and Commitment Update (checked).

# SAP Master Data Governance for Financials

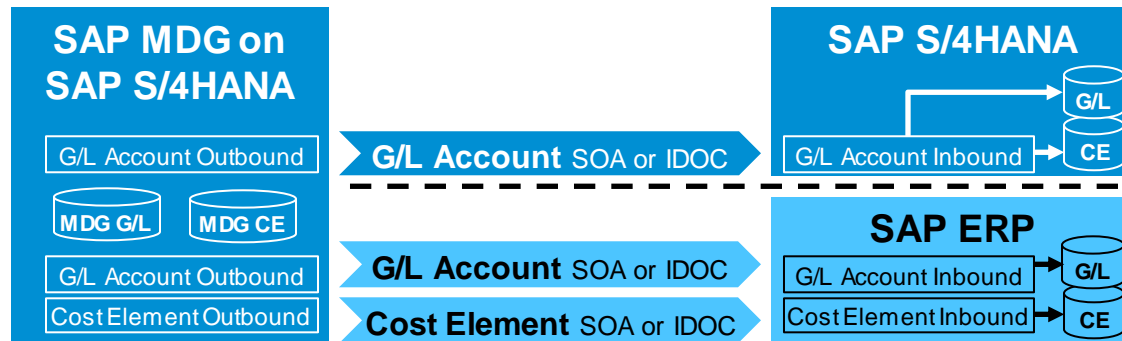
S/4HANA Simplification: Merge cost element into G/L account\*

Innovation in S/4HANA 1809:

- Central maintenance of controlling data (cost element) integrated into the G/L Account user interface
- Replication of cost element data to S/4HANA can be done via the G/L Account IDOC and SOA service

Business value:

- Simplified maintenance of financial master data
- Harmonized behaviour as in SAP S/4HANA
- Simplified replication channel to lower TCO



**G/L Account: INT/1312, Sample Primary Accou**

Save Submit Cancel Show Check Undo Redo

**General Data**

Chart of Accounts: INT Sample chart of accounts

Account / Name: 1312 Sample Primary Accou

Long Text: This one is english though

**Control Data**

\* Account Group: GI General G/L Accounts

Account Type: Primary Costs or Revenue

\* P&L Statement Account ...: G

Functional Area:

**Administrative Data**

New Account:

User Responsible:

Person Responsible:

**Audit Information**

Created On/By: 03.04.2018 10:52:47 Alexander Friese

Changed On/By: 20.04.2018 09:28:51 Kefeng Wang

**Account Descriptions**

**Account Consolidation Details**

**Account in Company Codes** Copy New

Actions	Ch...	Company Code	Company Code Description
Details		0001	SAP A.G.
Details		0003	SAP US (IS-HT-SW)
Details		AE01	Country Template AE
Details		AR01	Country Template AR
Details		ARG1	Country Template AR

< Back 1 2 Forward >

**Controlling Data** Edit Generate

Actions	Cha...	Controlling Area	Cost Element Cate...	Cost Element Cate...	Unit of Measure	Unit of Measure D...	Record Quantity
Changes		0001	1	Primary costs/cost-re...	%	%	<input type="checkbox"/>
Changes		0003	4	Accrual/deferral per d...			<input type="checkbox"/>
Changes		AE01	12	Sales deduction			<input type="checkbox"/>

\*) Adoption of the universal journal for SAP S/4HANA is only available in SAP MDG on SAP S/4HANA. Not planned for SAP MDG on ERP.

Cost Elements in SAP ERP

# SAP Master Data Governance for Financials

## New Copy Function for Company Code G/L Accounts (1)

### Innovation in S/4HANA 1909:

- New option to copy or replace larger numbers of accounts and their company code assignment to a new company code by various selection criteria.
- The new or changed objects are included in a Change Request for Approval

### Solution Benefit:

- Easy to use and gain efficiency
- Available from releases S4/HANA 1610 and MDG 9.0 onwards
- Visit [SAP Note 2888104](#) and [SAP Note 2923340](#) for more information

The screenshot displays the SAP 'Search G/L Account' interface. At the top, there are dropdowns for 'Hierarchy Type', 'Entity Type' (set to 'G/L Account (Company Code)'), and 'Search Method' (set to 'Database Search'). Below these is a 'Saved Searches' dropdown. The 'Search Criteria' section contains three rows: 'Chart of Accounts' is 'INT', 'Account' is blank, and 'Company Code' is blank. There are buttons for 'Search', 'Clear Entries', and 'Reset to Default'. A 'Maximum Number of Results' is set to 100. Below the search criteria, a 'Result List: 44 records found' is shown. A table lists accounts with columns for 'Account', 'Company Code', and 'Valid-From Date'. The table shows several records, with the first one having account '88' and company code '0001'. A 'Copy' dropdown menu is open, showing options like 'Copy Accounts to new CoCd'. A 'Copy Accounts of Company Code' dialog box is also visible, showing 'Chart of Accounts: INT', 'Source Company Code: 0001', and 'Target Company Code: 1000'.

Account	Company Code	Valid-From Date
88	0001	01.01.2010
1001	0001	01.01.2010
1002	0001	01.01.2010
2222	0001	01.01.2010
	0001	01.01.2010
	0001	01.01.2010

Copy Accounts of Company Code

Chart of Accounts: INT

Source Company Code: 0001

Target Company Code: 1000

Edition: IMM\_DISTR

OK Cancel

# SAP Master Data Governance for Financials

## New Copy Function for Company Code G/L Accounts (2)

- The copy feature is integrated into the G/L Account search list, and it is triggered by a sub-option of the existing “Copy” button.
- It results in a change request of type “ACCAP1”, with the Logical Action “MASS”.
- The source selection is restricted to one company code. Use the search criteria or manual selection.
- The target edition and target company code need to be specified in a popup.
- The selection shall comply to the following rules:
  - Exactly one Source Company Code
  - Exactly one Chart-of-Account (Source and Target company code must have the same Chart-of-Accounts)
  - Exactly one Source Edition per line (per Account and Company Code)

The screenshot displays the SAP 'Search G/L Account' interface. At the top, there are dropdowns for 'Hierarchy Type', 'Entity Type' (set to 'G/L Account (Company Code)'), and 'Search Method' (set to 'Database Search'). Below these is a 'Saved Searches' section. The 'Search Criteria' section contains three rows: 'Chart of Accounts' is 'INT', 'Account' is blank, and 'Company Code' is blank. A 'Maximum Number of Results' checkbox is checked and set to 100. Buttons for 'Search', 'Clear Entries', and 'Reset to Default' are present. Below the search criteria, a 'Result List: 44 records found' is shown. A table with columns 'Account', 'Company Code', and 'Valid-From Date' is visible, with one row showing '88', '0001', and '01.01.2010'. A 'Copy' button is highlighted, and a popup titled 'Copy Accounts of Company Code' is open. The popup contains fields for 'Chart of Accounts' (set to 'INT'), 'Source Company Code' (set to '0001'), 'Target Company Code' (set to '1000'), and 'Edition' (set to 'IMM\_DISTR'). 'OK' and 'Cancel' buttons are at the bottom of the popup.

# SAP Master Data Governance for Financials

## Edition Comparison for Hierarchy Assignments

### Innovation in S/4HANA 2021:

- You need to find changes in a big hierarchy between two editions? Use the edition comparison tool for hierarchies.
- Only choose your entity type, the editions, the organizational unit of the hierarchy and simply mark "Compare hierarchies". The intuitive comparison screen shows you the exact differences in a tree and makes them easy to find.
- The comparison result is propagated to the top level.

### Solution Benefit:

- Easy to use and gain efficiency
- Available from releases S4/HANA 1809 onwards and MDG 9.2
- Visit [SAP Note 3043517](#) and [SAP Note 3043582](#) for more information

The screenshot shows the 'Edition Comparison' configuration screen in SAP. On the left is a navigation menu with 'Edition Comparison' selected. The main area is titled 'Change Model' and contains the following fields:

- Entity Type / Edition:**
  - Entity Type: Cost Center Group
  - Edition 1: IMM\_DISTR (Edition for Immediately Distribute CR)
  - Edition 2: SEL\_DISTR (Edition for distribution selected in CR)
- Select Hierarchy for Comparison:**
  - Controlling Area: 0001
  - Cost Center Hierarchy: GLOBAL\_OD
- Changes:**
  - ☒ Display Changes Only
  - ☒ Compare Hierarchies

The screenshot shows the 'Edition Comparison' results screen. It features a 'Refresh' button and tabs for 'Descriptions' and 'Levels'. Below is a table showing the comparison results for the 'Cost Center Group' hierarchy.

	Status Edition 1	Status Edition 2
Cost Center Group		
GLOBAL_OD	⊞	⊞
ASIA	⊞	⊞
CHINA	⊞	⊞
CHENGDU	⊞	⊞
JAPAN	⊞	⊞
EUROPE	⊞	⊞
FRANCE	⊞	⊞
ITALY	⊞	⊞
CC_IT_01	✗	✓
MILAN	⊞	⊞

# SAP Master Data Governance for Financials

## Replication of Hierarchy Groups

### Innovation in S/4HANA 2021:

- After a change to a hierarchy group text the replication of the hierarchy data needed to be manually triggered. With this new feature, the replication of changes to group texts is automatically triggered. Thus, the data is in sync between MDG and the target systems.

### Solution Benefit:

- Easy to use and gain efficiency
- Available from releases S4/HANA 1809 onwards and MDG 9.2
- Visit [SAP Note 3068256](#) and [SAP Note 3043582](#) for more information

# SAP Master Data Governance for Financials

## New Account Type "Cash Accounts" for G/L Accounts

### Innovation in S/4HANA 2021:

- You like to reduce the number of G/L accounts and simplify the payment process and cash reporting for bank accounts?
- Use the new account type "Cash Accounts" in the MDG-F UI. When you define your G/L Account as G/L Account subtype "Bank Reconciliation Account", you can assign this to more than one house bank account. When you choose "Bank Subaccount", you can enter an account as "Reconciliation Account". This is a G/L account that you have created as "Bank Reconciliation Account" in a previous change request.

### Solution Benefit:

- Simplified maintenance and gain efficiency
- Available from release S4/HANA 2021 onwards

General Data

Chart of Accounts: INT Sample chart of accounts

Account / Name: 2 Sample Account

Long Text: Sample Account for Cash Account

Control Data

Account Group\*: PL P&L Statement Accounts

Account Type\*: Cash Account

G/L Account Subtype: Bank Subaccount

Reconciliation Account: 10621

P&L Statement Account Type:

Functional Area:

Account Descriptions Edit

Standard Insert

Actions	Language	Name
	English	Sample Account

# SAP Master Data Governance for Financials

## Budget Availability Control for Cost Centers

### Innovation in S/4HANA 2021:

- You like to reduce the number of G/L accounts and simplify the payment process and cash reporting for bank accounts?
- To control budgets in your cost centers, use the new fields in the "Budget Control" section of the MDG-F Cost Center UI. Select the availability control checkbox, add the "Budget-Carrying Cost Center" and choose the "Budget Availability Ctrl Prfl".
- For this solution, you only need to synchronize the availability control profile customizing from S/4HANA with the newly introduced MDG customizing in a hub scenario.

### Solution Benefit:

- Easy to use and gain efficiency
- Available from release S4/HANA 2021 onwards

The screenshot displays the 'Budget Control' section of the SAP MDG-F Cost Center UI. It features three main input fields: 'Budget Availability Control is Active' with a checked checkbox, 'Budget-Carrying Cost Center' with the value '1234', and 'Budget Availability Ctrl Prfl' with the value 'COST01'. Below these is the 'Administrative Data' section, which includes 'New Cost Center' (empty), 'User Responsible' (empty), and 'Person Responsible' (filled with 'Tester'). The 'Audit Information' section is visible at the bottom but is empty. Red highlights are present on the 'Budget Availability Control is Active' checkbox, the 'Budget-Carrying Cost Center' field, and the 'Person Responsible' field.

Budget Control	
Budget Availability Control is Active:	<input checked="" type="checkbox"/>
Budget-Carrying Cost Center:	1234
Budget Availability Ctrl Prfl:	COST01
Administrative Data	
New Cost Center:	
User Responsible:	
Person Responsible:*	Tester
Audit Information	



# SAP Master Data Governance for Financials

## New "Open Item Management by Ledger Group" field

### Innovation in S/4HANA 2021:

- You want that journal entry line items are managed on an open item basis by ledger group for my G/L account?
- Select the newly introduced checkbox of field "Open Item Mgmt by Ledger Group" in the company control data of your G/L account in the MDG-F G/L account UI. This is relevant if you perform parallel accounting using the ledger approach and not the account approach.
- The indicator is only available when you have assigned more than one ledger to the company code relevant for the G/L account.

### Solution Benefit:

- Simplified maintenance and gain efficiency
- Available from release S4/HANA 2021 onwards

Account in Company Code Control Data

Account Control in Company Code

Account Currency:\* E... European Euro

Exchange Rate Difference Key:

Tax Category:

Reconciliation Account for Account T... :

Inflation Key:

Account Managed in External System: ☐

Account Management in Company Code

Open Item Management: ☐

Open Item Mgmt by Ledger Group: ☐

Sort Key:

Accounting Clerk:

# SAP Master Data Governance for Financials

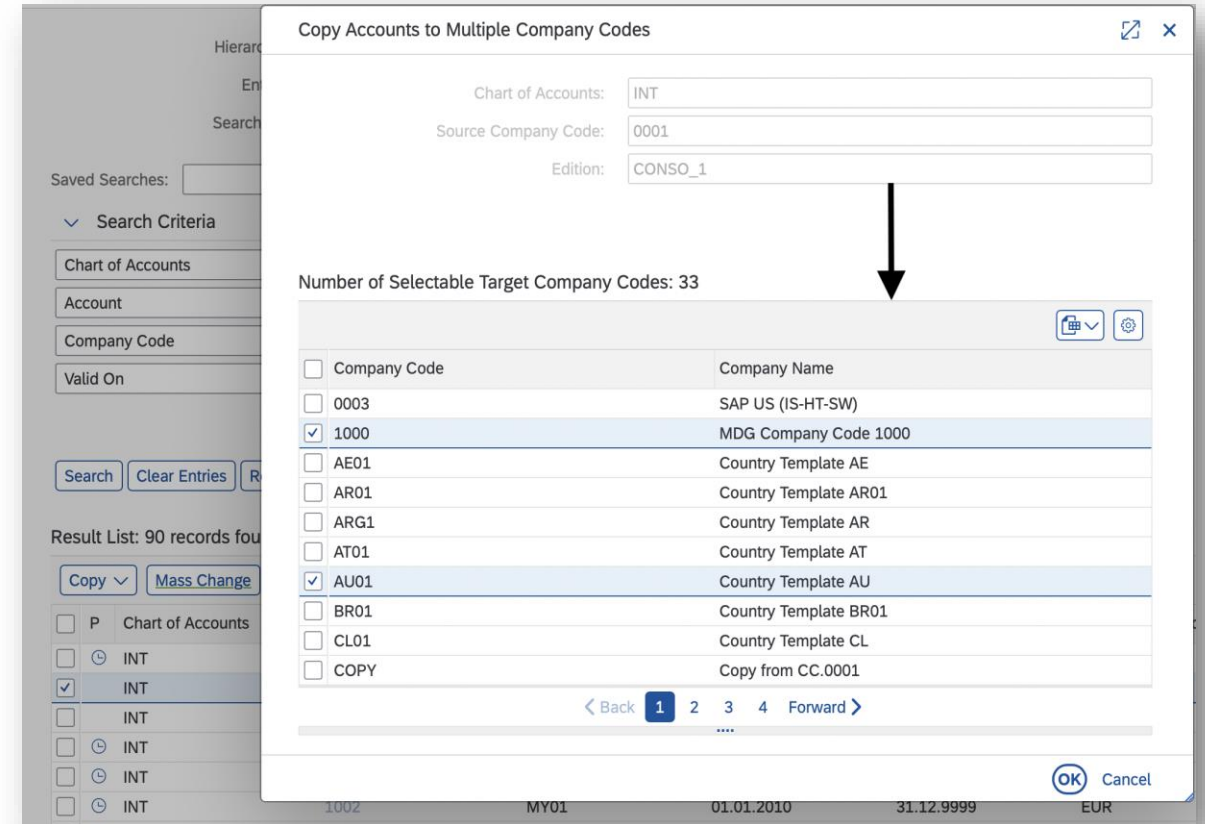
## Improvements of Copy Function for Company Code G/L Accounts

### Innovation in S/4HANA 2022:

After the first development of the copy functionality of G/L Accounts from one to another company code in S/4HANA 1909, now multiple G/L Accounts shall be able to copy from one to several target company codes.

### Solution:

After the introduction of company code Z001 and ZAU1, all G/L Accounts can be copied from company code 0001 to those two company codes. You can copy multiple or all company codes if all company codes have the same chart of accounts.



# SAP Master Data Governance for Financials

## Replication of Cost Element Hierarchy Data Into Global Hierarchies

### Innovation in SAP S/4HANA:

As master data expert or steward, I want to be able to replicate the data for Cost Element Hierarchies not only into the SET\*-tables, but also into the relevant tables (HRRP\*) for Global Hierarchies. It should happen in the same way it already happens for the SOA inbound services for profit center and cost center data.

### Solution:

Cost Element Hierarchy changes from the MDG-F application are now visible in the S/4 Fiori app "Manage Global Hierarchies". No switch or business function required, only a S/4CORE note ([3170182](#)) and two new entries in maintenance view FINS\_HIER\_CONF required.

The screenshot displays the 'Manage Global Hierarchies' Fiori app interface. On the left, a sidebar menu lists various maintenance tasks, with 'Process Hierarchy for Cost Element Group' highlighted. The main area shows an 'Inactive Version' of a 'Cost Element Group' hierarchy. It includes a 'Display As' dropdown set to 'Hierarchy', and buttons for 'Levels' and 'Find'. A table lists the hierarchy nodes, including 'INT' (Total Costs), 'INT-1' (Personnel Cost Planning), 'INT-1-1' (Labour Cost), 'INT-1-2' (Salary Cost), 'INT-1-3' (Employee Benefit Cost), 'INT-2' (Raw mat. + supplies consumpt.), 'INT-2-1' (Raw Materials), 'INT-2-2' (Operating Supplies), 'INT-2-3' (Packaging), 'INT-2-4' (External Activity), 'INT-3' (Other Cost), 'INT-4' (Secondary Cost), and 'INT-5' (Revenues). Below this, the 'INT - G/L Account Hierarchy' section is visible, showing 'Total Costs International' and a 'Timeframe' tab. It includes fields for 'Valid From/To' (N/A), 'Created At' (07.07.2022, 17:53:28), 'Status' (In Revision), and 'Simulate' (OFF). A search bar and 'Export/Import' button are also present. At the bottom, a table lists the nodes and their semantic tags, with a '+' icon for each row.

Nodes	Source	Semantic Tag
INT		
INT-1 (Personnel Cost Planning)		
INT-1-1 (Labour Cost)		
INT-1-2 (Salary Cost)		
INT-1-3 (Employee Benefit Cost)		
INT-2 (Raw mat. + supplies consumpt.)		
INT-2-1 (Raw Materials)		

# SAP Master Data Governance for Financials

## Usability Features in Single-Object Maintenance UI

- **Side panel / Business Context Viewer:**

Context information can be displayed in the side panel to provide further related information about the current data record, e.g. the change history

- **Highlight Changes:**

Fields that were changed in the previous step are highlighted in colour

Cost Center: ALS1/123456, New Team ABC

Validity

Cost Center Details

General Data

Controlling Area: ALS1 Controlling Area ALS A.G.

Cost Center Name: 123456 New Team ABC

Medium Text: New Team ABC abc

Department: E.12

Cost Center Category: E Development

Company Code: ALS1 ALS Industriemaschinen AG

Business Area: 0002 MDG Business Area 0002

Functional Area:

Currency: EUR European Euro

Profit Center: 1501 Multi Project

Logical System:

Administrative Data

New Cost Center:

User Responsible: AALMINK

Person Responsible: Chief

Audit Information

Created On/By: 23.04.2014 10:12:55 Anke Thiel

Changed On/By: 23.04.2014 10:20:55 Anke Thiel

Cost Center Descriptions

Actions	Language	Name	Medium Text
	English	New Team ABC	New Team ABC abc
	German	Neues Team ABC	Neues Team ABC abc

Cost Center Indicators

Control Indicators

Record Quantity: ☒

Lock Indicators

Actual Primary Costs: ☐

Plan Primary Costs: ☐

Actual Revenues: ☒

Commitment Update: ☒

Actual Secondary Costs: ☐

Plan Secondary Costs: ☐

Plan Revenues: ☒

Side Panel

Overview

Select Content: Changes Overview

Changes for Request 157223

Description	Old Value	New Value
Description (medium text)		Neues Team...
Description (short text)		Neues Team...
Department	House White	E.12
User Responsible	ARMBRUSTER	AALMINK
Record Quantity		X

# Agenda

Financial Master Data in the Business – Situation and Challenges

The Solution: SAP Master Data Governance for Financials

## Functions in Details

- **Hierarchy Management**
- **Flexible Edition Management**
- **Architecture and Deployment**
- **Integration**

The Solution Benefits

Summary

Appendix

# Function in Details: Usability Features

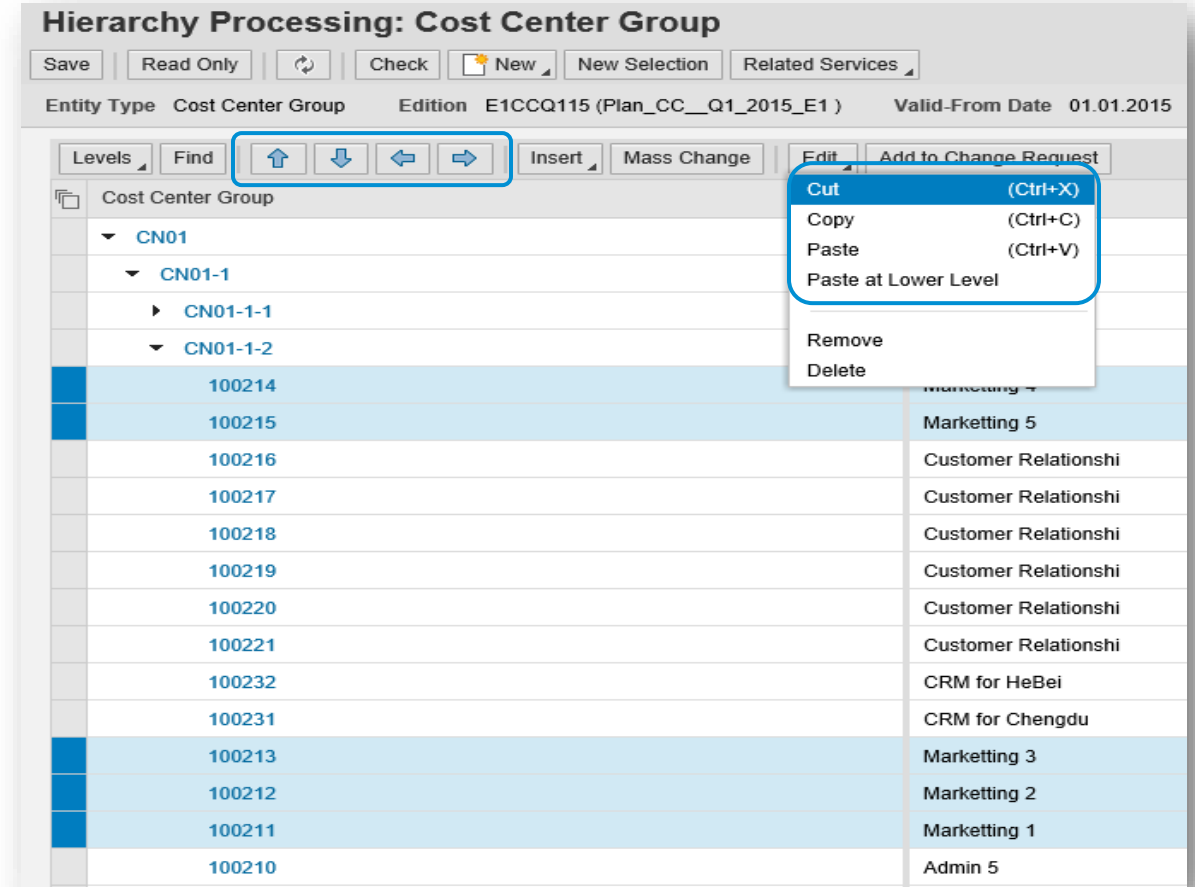
## Hierarchy Processing

Easy Actions supported for multiple objects:

- Drag & Drop
- Move Up, Down
- Rank Higher, Rank Lower
- Copy & Paste or Paste at Lower Level
- Cut & Paste or Paste at Lower Level

Easy to use:

- Select multiple sub nodes of one node and carry out any of the actions above.



# Function in Details: Usability Features

## Hierarchy Processing (2)

Direct Access/Insight to Hierarchy Change by clicking icons:

- Pending Change Request
- Change Document

**Process Change Request**

Save Finalize Processing Send for Revision Close Read Only Print Preview Check Run Validation

Validation Log Related Services

Change Request 70149 Type Process Cost Center Group Hierarchies Edition E1\_HRY1 (E1 HRY REG)  
Valid-From Date 15.08.2013 Status Changes to Be Executed

Overview **Changes** Notes Attachments

Show Objects of Entity Type: Cost Center Hierarchy: Parent Nodes of Type Cost Center Group

**Cost Center Hierarchy: Parent Nodes of Type Cost Center Group: Objects to Be Changed**

Print Version Export Hierarchy Processing Add Row Delete Row(s) **Display Changes**

COAr	Description	CCtrGroup	Description	Changed
CN01	Kostenrechnungskreis CN01	ADMIN	Admin	<input type="checkbox"/>

Refresh

**Hierarchy Processing: Cost Center Group**

Edit Switch to Active Version New Selection Related Services

Inactive Version Entity Type Cost Center Group Edition E1\_HRY1 (E1 HRY REG) Valid-From Date 15.08.2013  
Controlling Area CN01 (Kostenrechnungskreis CN01)

Levels Find

Cost Center Group	Description (short)	Description (medium)	Pending CR	Changes	Next Chan
DEMO_H2	Hierarchy by Funct.	Hierarchy by Function			01.01.201
IT		IT			
ADMIN		Admin			
100206	Admin 1				
100207	Admin 2				
	Admin 3				
	Admin 5				
	Admin 4				

**Display Hierarchy Changes**

Close

Change Request 70149 (Insert Cost Center) Edition E1\_HRY1 (E1 HRY REG) CCtrGroup ADMIN (Admin) COAr CN01 (Kostenrechnungskreis CN01)

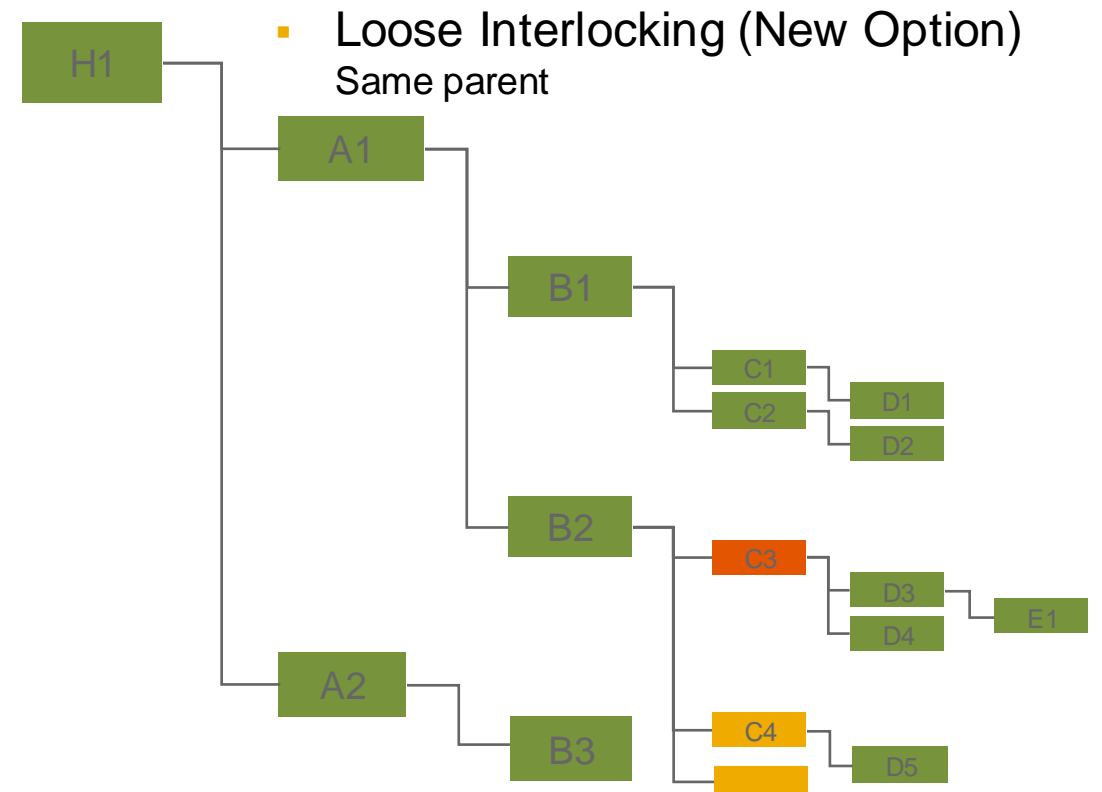
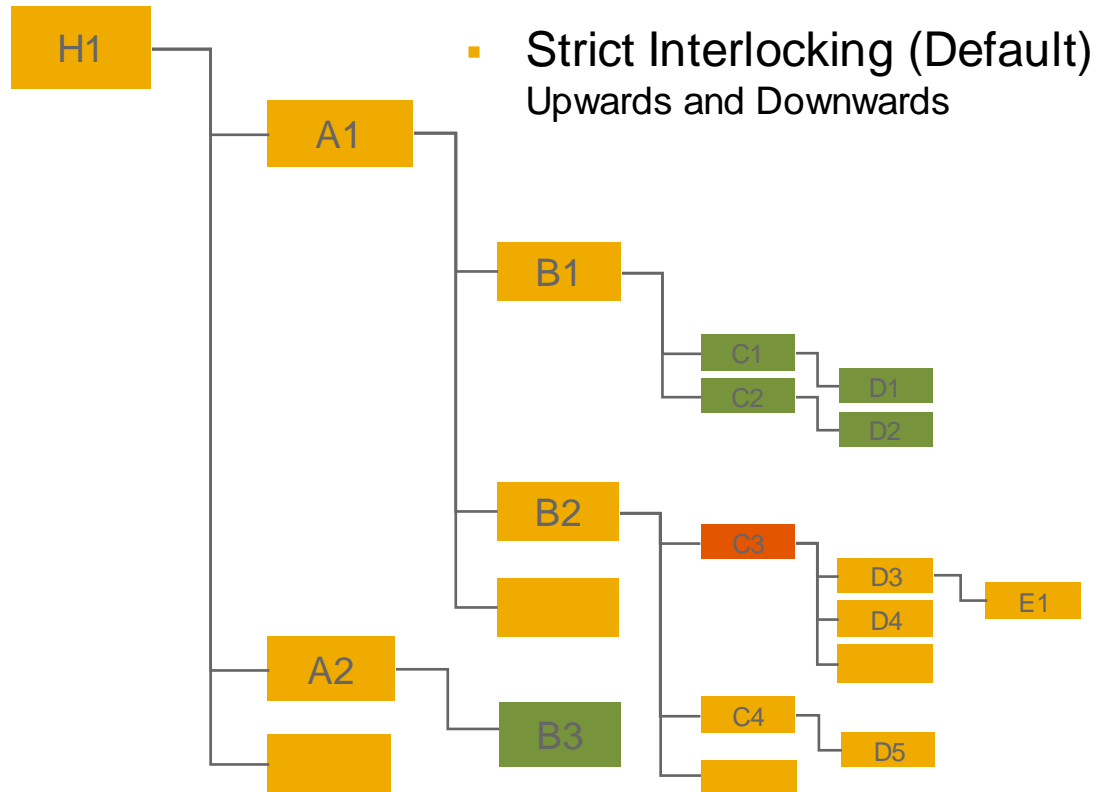
View: \* [Standard View] Print Version Export Descriptions

Value of Parent Node/Value of Child Node	User Name	Date	Time	Change	CO Area	Parent Node
CN01/ADMIN						
CN01/100209	Kefeng Wang	08.04.2015	13:23:17	New	CN01	CCtrGroup

# Function in Details

## Hierarchy Interlocking

Loose interlocking provides additional flexibility



■ Node currently maintained in a pending change request

■ Interlocked: You must use the pending change request

■ Not Interlocked: You can use a separate change request



# Function in Details

## Hierarchy Interlocking (2)

The settings can be found in the Implementation Guide (IMG):

*Master Data Governance, Central Governance>General Settings>Process Modeling->Hierarchies>Define Scope for Changes*

Data Model <input type="text" value="OG"/>			
Scope for Changes			
	Hierarchy Type	Description	Interlocking
	CCTRG	Cost Center Group	Loose ▼
	CELEMG	Cost Element Group	Strict ▼
	CONSGRP	Consolidation Group	Loose ▼
	FRSI	Financial Reporting Structure Text	Strict ▼
	FSI	Item	Strict ▼
	PCTRG	Profit Center Group	Strict ▼

# Function in Details

## Flexible Edition Management

### Easy and flexible scheduling of changes

- Use and combine as many editions as you need
- Reschedule changes across editions

### Intuitive access to business objects across validity timeframes

- Access master data through timeframes

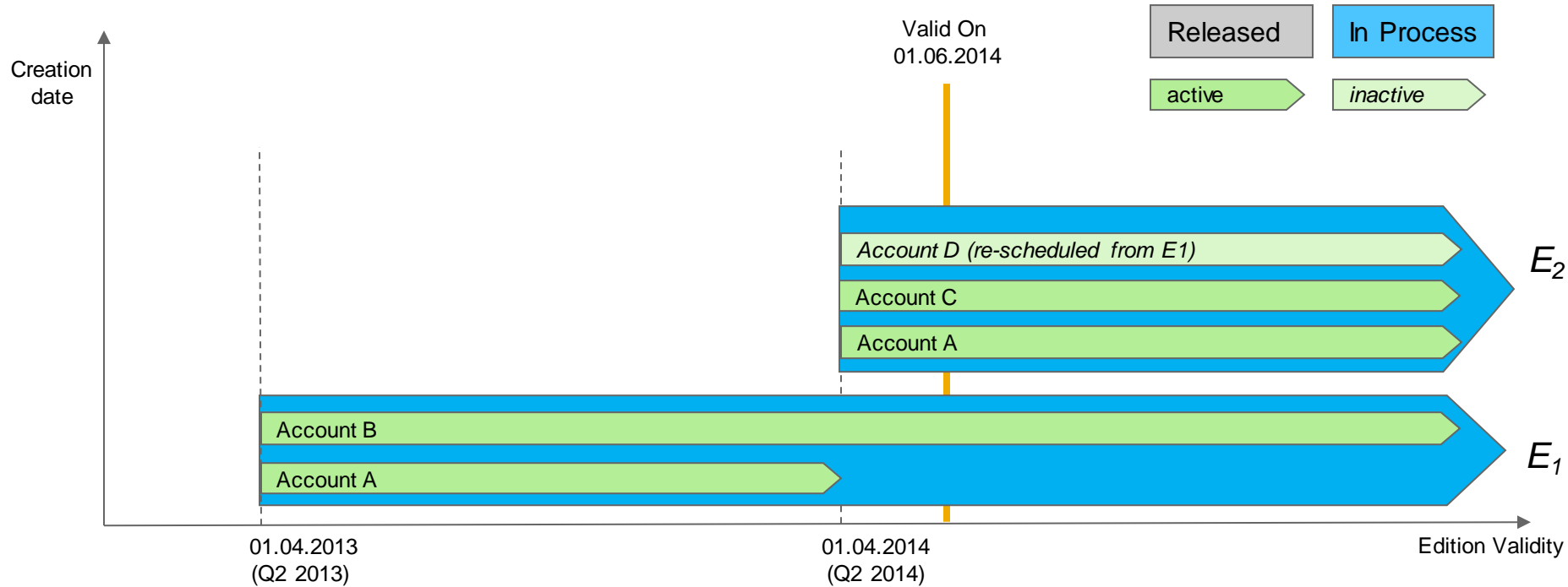
### Granular control over replication timing

- End user can decide when to replicate changes

\*can also be used for MDG-CO (Custom Objects – Flex Option)

# Function in Details: Flexible Edition Management

## Flexible Scheduling – simple example



Use and combine as many editions as you need:

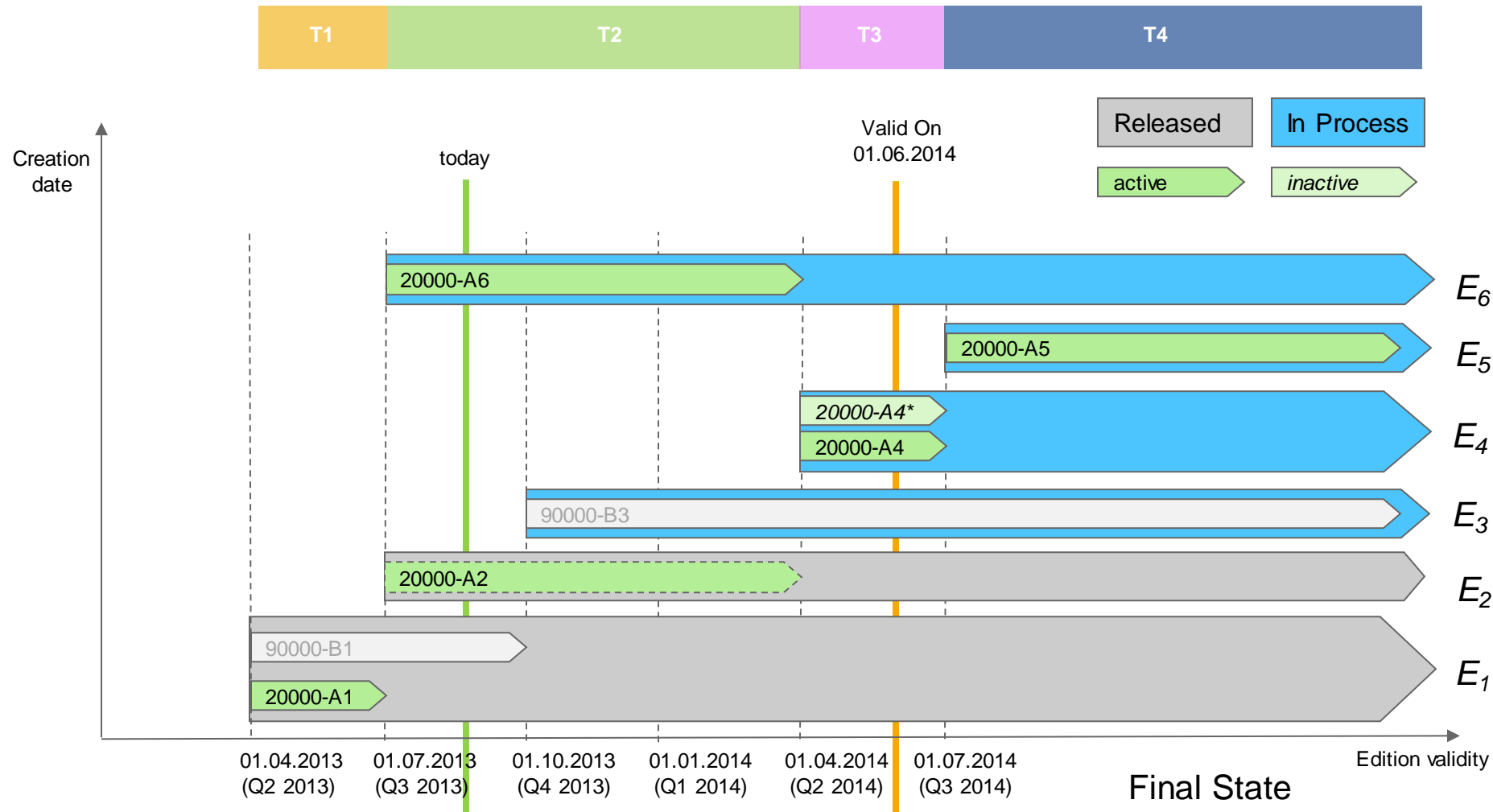
For example, Account B has been added within  $E_1$  with unlimited validity as there is no change in  $E_2$

Reschedule changes across editions:

For example, a pending change of Account D in  $E_1$  can be moved to  $E_2$

# Function in Details: Flexible Edition Management

## Flexible Scheduling – End-to-End Example



# Function in Details: Flexible Edition Management

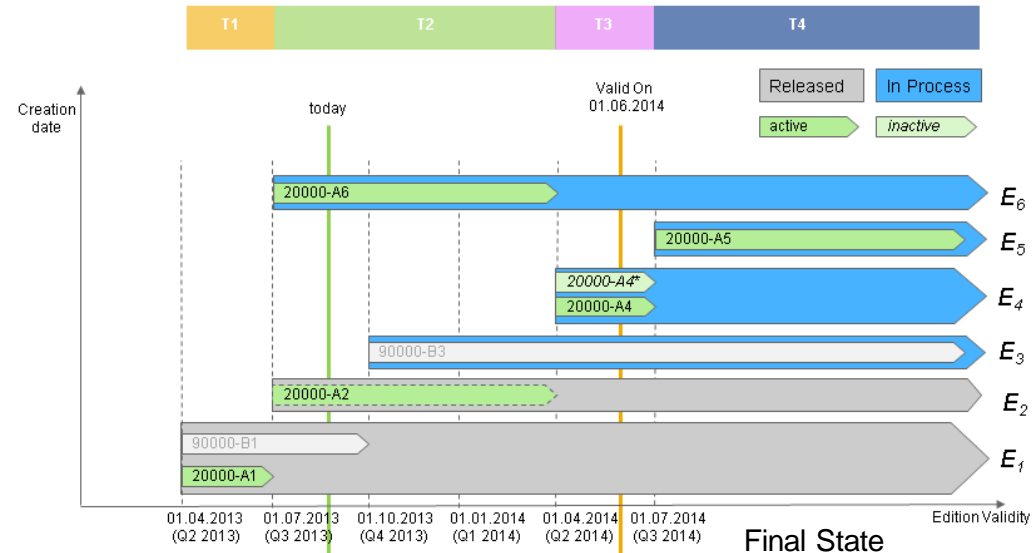
Flexible Scheduling – Use as Many Editions as you Need

View: [Standard View] ▾		Create	Display Change Requests	Run Validation	Validation Log	Change Status ▾	Delete	Print Version	Export ▾
Edition	Description	Type of Edition	Status	Open Change Requests	Valid-From Date				
<a href="#">E1_DEMO</a>	Plan__Q2_2013_E1	Model OG: All Entities	Released	0	01.04.2013	T1			
<a href="#">E2_DEMO</a>	Plan__Q3_2013_E2	Model OG: All Entities	Released	0	01.07.2013	T2			
<a href="#">E3_DEMO</a>	Plan__Q4_2013_E3	Model OG: All Entities	In Process	0	01.10.2013	T2			
<a href="#">E4_DEMO</a>	Plan__Q2_2014_E4	Model OG: All Entities	In Process	1	01.04.2014	T3			
<a href="#">E5_DEMO</a>	Plan__Q3_2014_E5	Model OG: All Entities	In Process	0	01.07.2014	T4			
<a href="#">E6_DEMO</a>	Adhoc_Q3_2013_E6	Model OG: All Entities	In Process	0	01.07.2013	T2			

Editions used in the past (released).

Editions used today (for future planning)

Edition used today (for changes in the current quarter)



# Function in Details: Flexible Edition Management

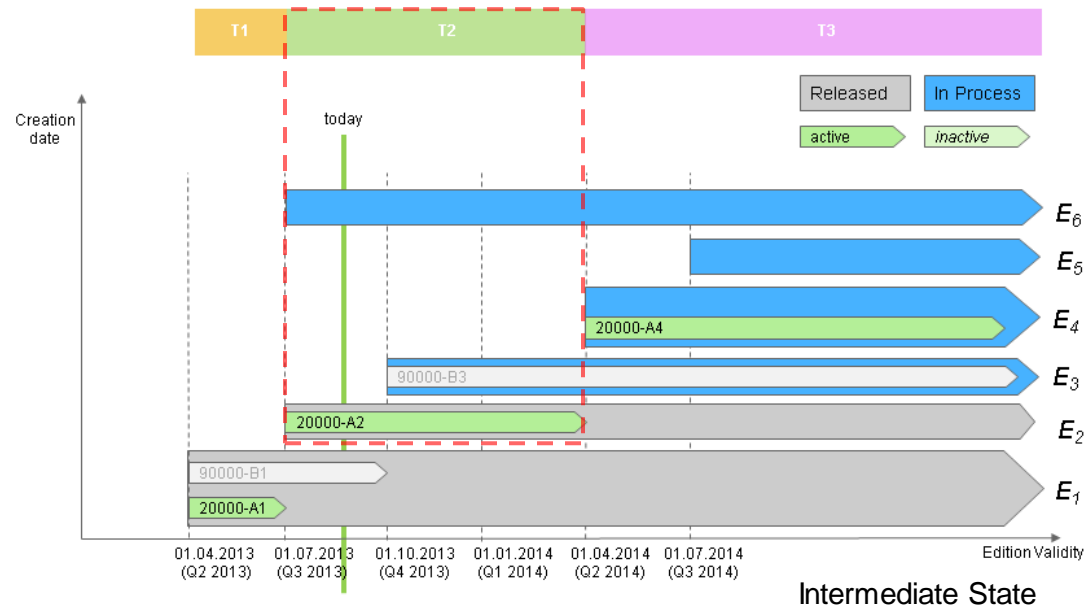
Intuitive Access - Through Search

Result List: 4 records found

New	Copy	Mass Change	Block	Replication Status	Replicate				
Chart of Accounts	Account	Name	Valid-From Date	Valid-To Date	Long Text	Account Gro...	Account Type		
INT	20000	A1	01.04.2013	T1	30.06.2013	A1 long	AS	Profit and Loss Account	
INT	20000	A2	01.07.2013	T2	31.03.2014	A2 long	AS	Profit and Loss Account	
INT	20000	A4	01.04.2014	T3	31.12.9999	A4 long	AS	Profit and Loss Account	

Display Account

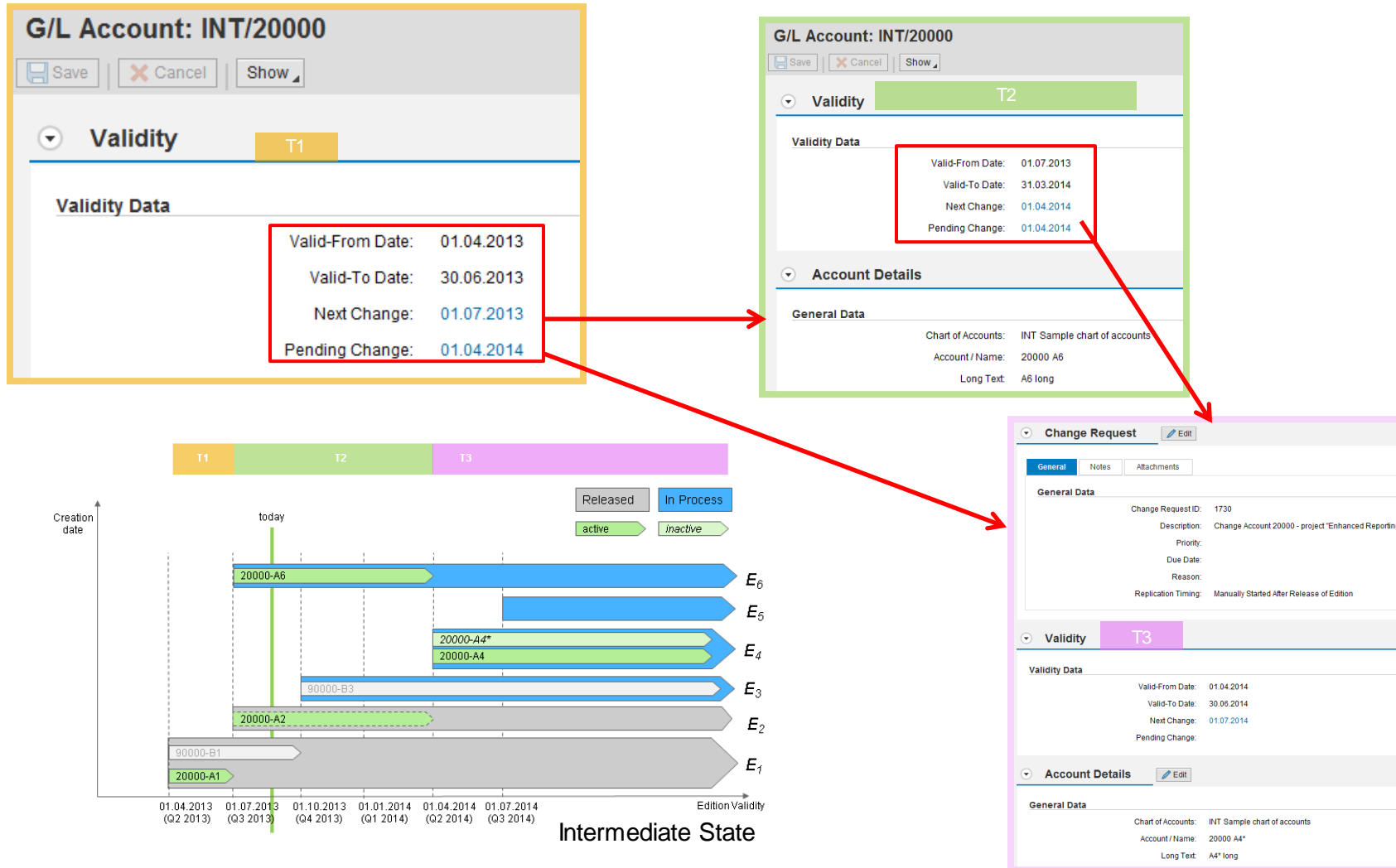
Create Change Request



Master Data is accessed using the timeframe including the date of the change.  
Request change in Q3.2013 or Q4.2013? Use timeframe Q3.2013 – Q1.2014 ( T2 ).

# Function in Details: Flexible Edition Management

Transparency About Changes - Across all Timeframes



# Function in Details: Flexible Edition Management

## Flexible Scheduling – Reschedule Change Requests

View: [Standard View] ▾		Create	Display Change Requests	Run Validation	Validation Log	Change Status ▾	Delete	Print Version	Export ▾
Edition	Description	Type of Edition	Status	Open Change Requests	Valid-From Date				
<a href="#">E1_DEMO</a>	Plan__Q2_2013_E1	Model 0G: All Entities	Released	0	01.04.2013	T1			
<a href="#">E2_DEMO</a>	Plan__Q3_2013_E2	Model 0G: All Entities	Released	0	01.07.2013	T2			
<a href="#">E3_DEMO</a>	Plan__Q4_2013_E3	Model 0G: All Entities	In Process	0	01.10.2013	T2			
<a href="#">E4_DEMO</a>	Plan__Q2_2014_E4	Model 0G: All Entities	In Process	1	01.04.2014	T3			
<a href="#">E5_DEMO</a>	Plan__Q3_2014_E5	Model 0G: All Entities	In Process	0	01.07.2014	T4			
<a href="#">E6_DEMO</a>	Adhoc_Q3_2013_E6	Model 0G: All Entities	In Process	0	01.07.2013	T2			

### Display Change Requests of Edition E4\_DEMO T3

Close | Print Preview |

Status In Process

#### Change Requests

View: [Standard View] | Print Version | Export | Workflow | Log | Reschedule

Change Request	Edition	Valid-From Date	Status	Changed On	Changed By	Type
1730	E4_DEMO	01.04.2014	Changes to Be Executed	27.09.2013		Process Account
1724	E4_DEMO	01.04.2014	Final Check Approved	27.09.2013		Process Account

#### Editions

View: [Standard View] | Print Version | Export

Edition	Description	Date From	
E5_DEMO	Plan__Q3_2014_E5	01.07.2014	T4
E3_DEMO	Plan__Q4_2013_E3	01.10.2013	T2
E6_DEMO	Adhoc_Q3_2013_E6	01.07.2013	T2

Reschedule one or more Change Requests to different edition

User is able to reschedule changes that have to be postponed or made at an earlier stage.



# Function in Details: Flexible Edition Management

## Controlled Data Replication - Characteristics

### Replication Timing

- Edition-Based: “Manually Started after Release of Edition”
- Change Request-Based: “Automatically after Approval of Change Request” or “Selected in Each Change Request”

### Object-Based Replication

- Manual replication (for example, from Search): independent from Replication Timing defined in the edition

### Time-Dependent and Non-Time-Dependent client systems and objects supported

- Replication is placed on hold if needed and started when possible (scheduled report)

See also report USMD\_EDITION\_REPLICATE for scheduling replications

- Refer to the MDG-F Configuration Guide for details

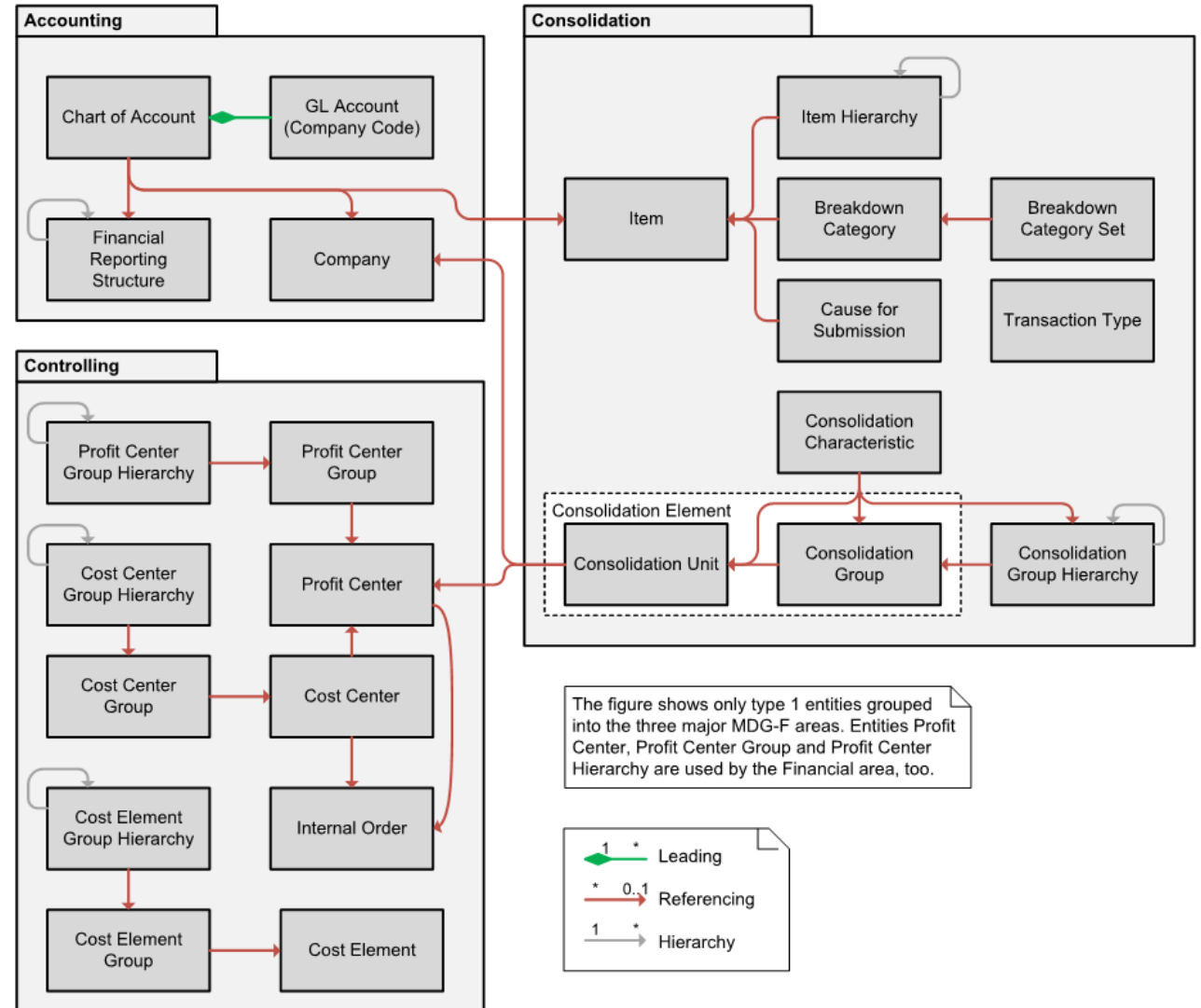
# Function in Details

## Standard Objects in Data Model OG

Data Objects can be flexible extended to specific needs, according to the backend and target systems.

For S/4HANA 1809 and MDG 9.2 releases, the new entity type “Internal Order” has been added.

For S/4HANA 2021, entity types "ACCCCDDET" (View Company Code on Account) and "CCTR" (Cost Center) have been extended.

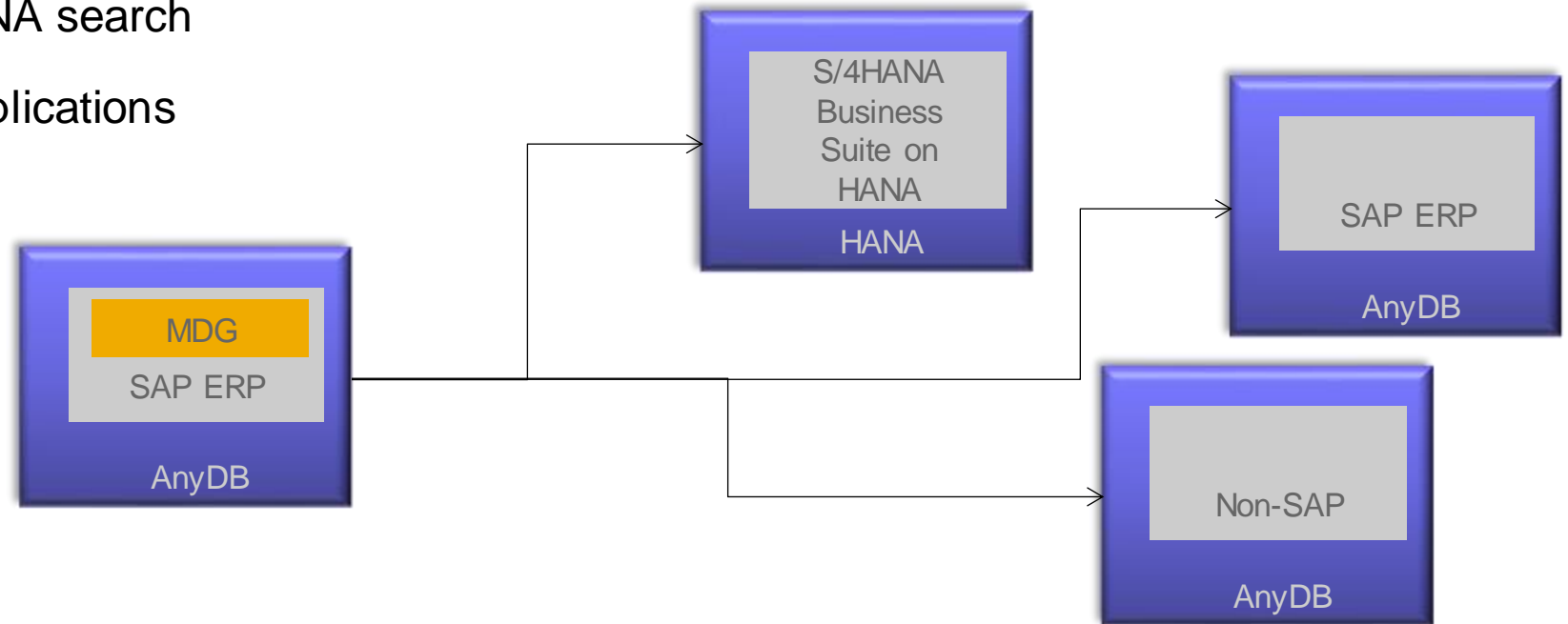


# Function in Details

## Deployment

- MDG is delivered as business functions within S/4HANA or via AddOn to SAP ECC
- Deployment as standalone hub or on top of existing ERP instance
- Optional embedding of HANA search
- Replication into various applications including S/4HANA

### Example:



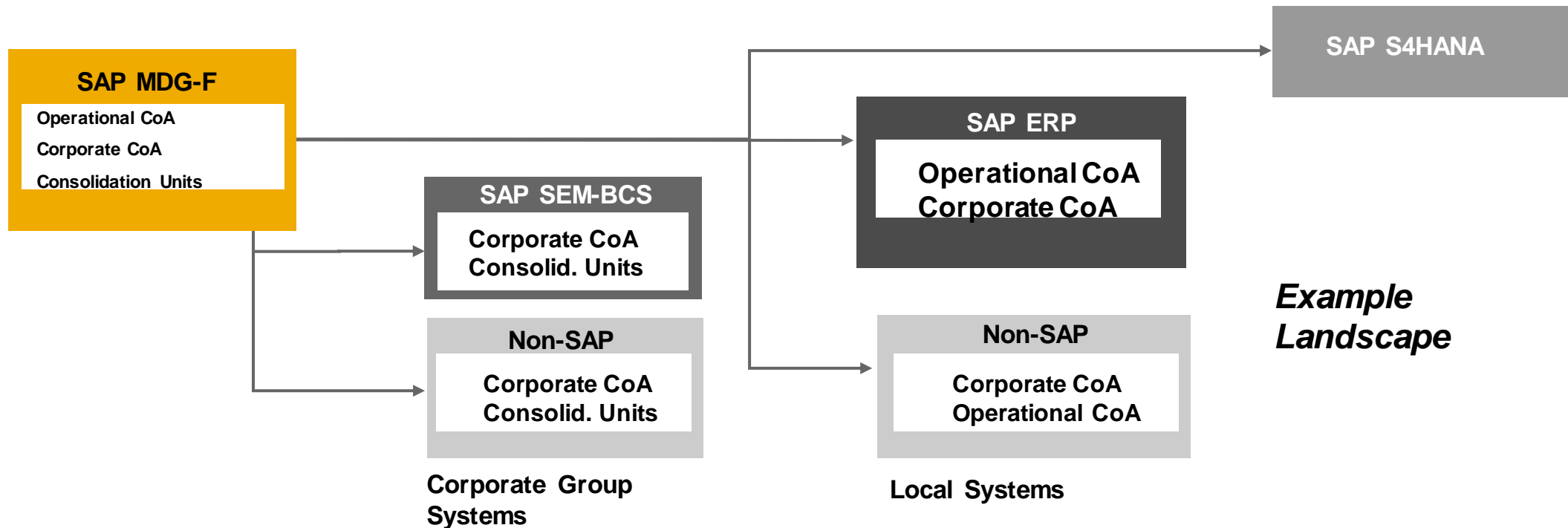
MDG is pre-integrated with SAP ECC, and provides publish/subscribe and master/slave implementation modes with automatic distribution to SAP and 3rd party applications.

Aaron Zornes, The MDM Institute

# Function in Details

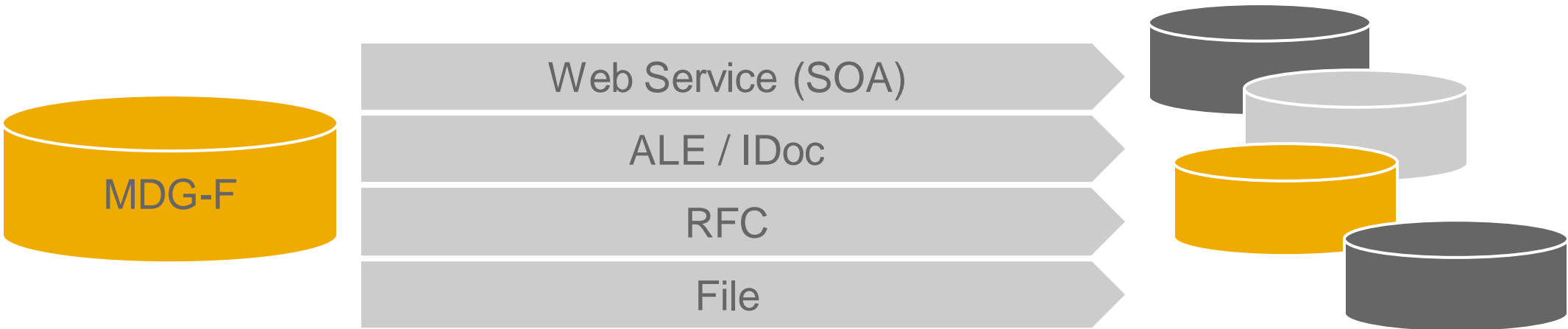
## Replication

- MDG-F replicates the data according to the needs of the connected business systems. This is independent of the deployment option, if MDG is used on top of one of the operational ERP systems, or as a standalone MDG data hub.



# Function in Details: Replication

Integration technology (elective)



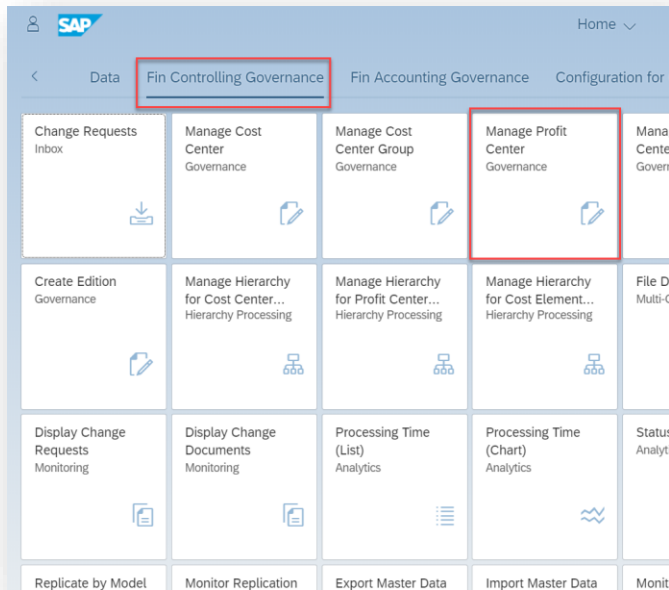
SOA			IDoc		
Replication Model	Outbound Impl.	Description	Replication Model	Outbound Impl.	Description
SOA_ACC	1010	Replication model for Account (SOA)	IDOC_ACC	1012	Replication model for Account (IDoc)
SOA_CCTRH	1110	Replication model for Cost Center Group Hierarchy (SOA)	IDOC_COST	1102	Replication model for Cost Center (IDoc)
SOA_CELE	1180	Replication model for Cost Element (SOA)	IDOC_CCTRH	1112	Replication model for Cost Center Group Hierarchy (IDoc)
SOA_CELEH	1190	Replication model for Cost Element Group Hierarchy (SOA)	IDOC_CELE	1182	Replication model for Cost Element (IDoc)
SOA_COA	1000_V1	Replication model for Chart of Account (SOA)	IDOC_CELEH	1192	Replication model for Cost Element Group Hierarchy (IDoc)
SOA_COMP	1140	Replication model for Company (SOA)	IDOC_PCTR	1122	Replication model for Profit Center (IDoc)
SOA_COST	1100	Replication model for Cost Centre (SOA)	IDOC_PCTH	1132	Replication model for Profit Center Group Hierarchy (IDoc)
SOA_FRS	1020	Replication model for Financial Reporting Structure (SOA)	IDOC_IORDER	1200	Replication model for Internal Order (IDoc)
SOA_PCTH	1130	Replication model for Profit Center Group Hierarchy (SOA)			
SOA_PCTR	1120	Replication model for Profit Center (SOA)			
SOA_IORDER	1201	Replication model for Internal Order (SOA)			

# Function in Detail: Fiori App

## Request Cost Center or Profit Center

You can also use Fiori apps to request a new cost center or a new profit center.

These apps can be flexibly used on a variety of devices including tablets and smartphones.



The screenshot shows the 'Request New Cost Center' Fiori app form. The title bar at the top says 'Request New Cost Center'. Below the title bar, there is a section titled 'New Cost Center' with three icons: 'Form', 'Duplicates', and 'Attachments'. The form contains several input fields and sections:

- Reason for Request:** A text field containing 'New Cost Center Production Line'.
- \*Valid From:** A date field containing 'May 1, 2014'.
- \*Controlling Area:** A text field containing '0001' and a dropdown menu showing 'Kostenrechnungskreis 0001'.
- \*Cost Center/Name:** A text field containing 'PL0001' and a dropdown menu showing 'Production Line 1'.
- Company Code:** A text field with a dropdown menu.
- Currency:** A text field with a dropdown menu.
- Person Responsible:** A text field.
- Additional Information:** A large text area containing the placeholder text 'Example: Cost center category'.

At the bottom right of the form, there are three buttons: 'Submit' (green), 'Cancel' (red), and a share icon.

# Function in Detail: Fiori App

## Approve Cost Center, Profit Center or G/L Account

Approve new object: Only entered fields are displayed

Approve Requests (9)

Search

Geo Services Ltd (0001/456320)

New Cost Center

Final Check to Be Performed

Change Request: Demo for Fiori UI (221...

Requested By: Kefeng Wang

pc\_pcc (0001/PC\_PCC)

New Profit Center

Final Check to Be Performed

Change Request: desc (215531)

Requested By: Tejaswi K S

PC\_PC (0001/PC\_PC)

New Profit Center

Final Check to Be Performed

Change Request: desc (215397)

Requested By: Tejaswi K S

ATT01 (0001/ATT01)

New Cost Center

Final Check to Be Performed

Change Request: test (214368)

Requested By: Anusha Jalihal

Request

Geo Services Ltd (0001/456320)

New Cost Center

Validity: 01.02.2012 - 31.12.9999

Change Request: Demo for Fiori UI (221511)

Requested By: Kefeng Wang

General

Notes

Attachments

Controlling Area: Kostenrechnungskreis 0001 (0001)

Cost Center: Geo Services Ltd (456320)

Medium Text: CC: Geo services details

Department: Service

Cost Center Category: Service cost center (H)

Company Code: MDG Company Code 0001 (0001)

Currency: European Euro (EUR)

Person Responsible: John Bantlin

Indicators

Record Quantity: Yes

Actual Revenues: Yes

Plan Revenues: Yes

Commitment Update: Yes

Address

Title: Mr

Name 1: John

Name 3: Bantlin

Street: hauptstr

Postal Code: 69190

City: waldorf

Approve

Reject

Approve change: Only changed fields (with old values) are displayed

Request

Geo Services Ltd (0001/45632)

Changed Cost Center

Validity: 01.02.2012 - 31.12.9999

Change Request: Change of cost center (221512)

Requested By: Kefeng Wang

General

Notes

Cost Center Description	New Value	Old Value
Geo Services Ltd (0001/45632)	Service EMEA Department	Service
	John Robert Person Responsible	John Bantlin
	Functional area 0001 (0001) Functional Area	(Not Maintained)

Indicators

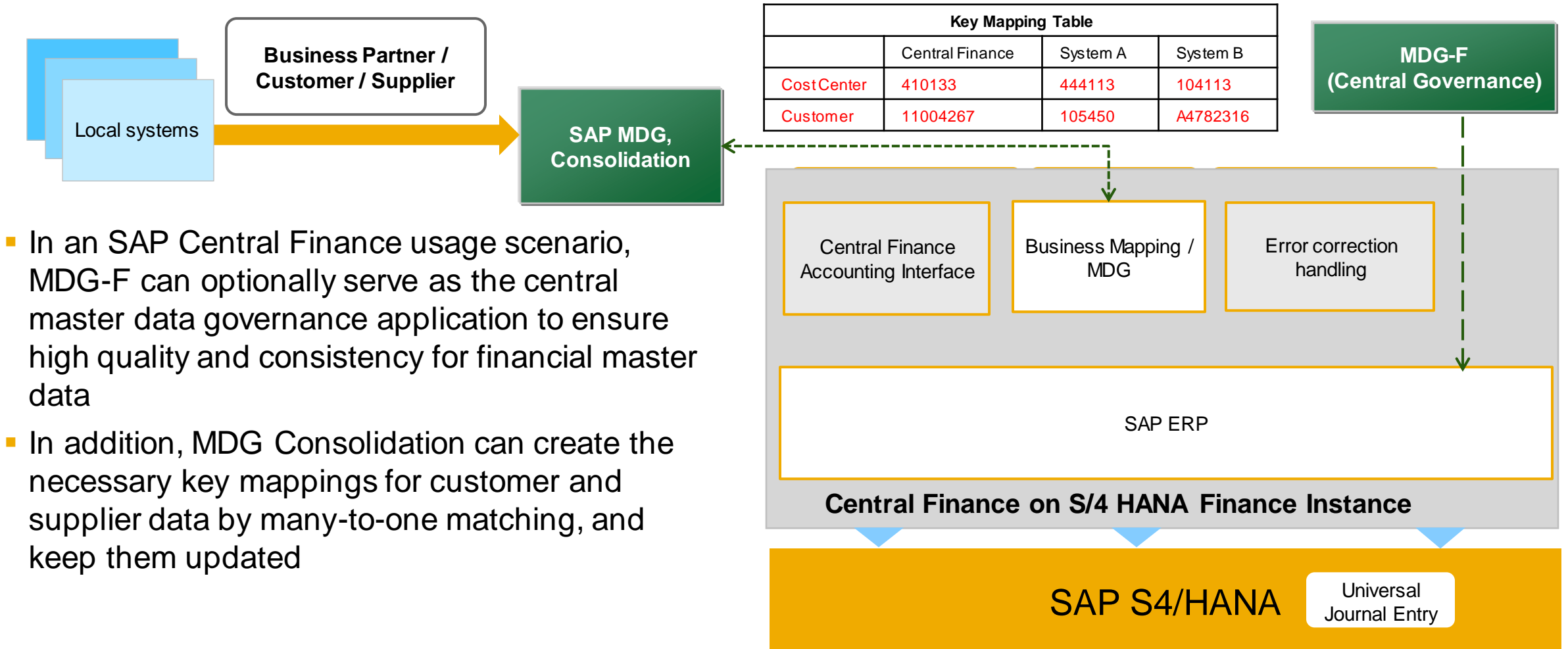
Cost Center Description	New Value	Old Value
Geo Services Ltd (0001/45632)	No Actual Primary Costs	Yes
	No Actual Revenues	Yes

Approve

Reject

# Function in Detail

## SAP MDG Support of Central Finance (S/4 HANA Finance)

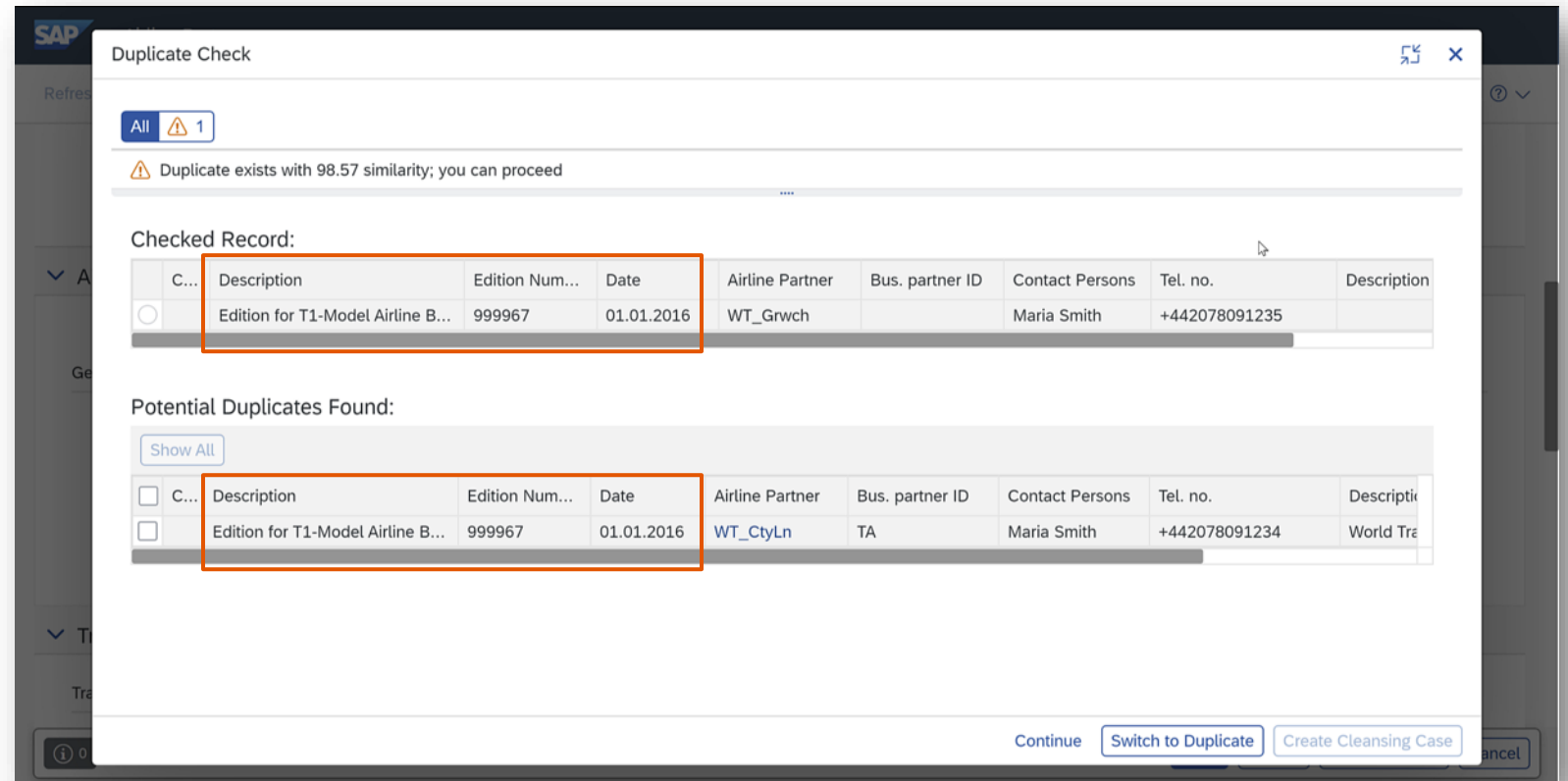




# Function in Detail

## MDG Framework Capabilities: Enable Duplicate Check in Edition-Based Data Model

- The duplicate check is enabled for edition-based data models and can be used if required also for Financials or custom data models which are edition based.
- Available from releases S4/HANA 1809 onwards and MDG 9.2
- Visit [SAP Note 3036535](#) and [SAP Note 3043582](#) for more information



# Function in Detail

## MDG Framework Capabilities: Download Hierarchy as Hierarchical View to MS Excel

- Applications 'Hierarchy Processing' and 'Collective Processing' provide an additional option to download a hierarchy as MS Excel file. The hierarchy information is kept and features of MS Excel for filtering/ navigation are reused.
- Available from releases S4/HANA 1809 onwards and MDG 9.2
- Visit [SAP Note 3016473](#) and [SAP Note 3043582](#) for more information

The screenshot displays the SAP Hierarchy Processing interface for 'Airline Partner'. The 'Display As' dropdown is set to 'Download', and the 'Levels' dropdown is set to 'Find'. A tree view on the left shows the hierarchy structure, with 'WORLD TRAVEL' selected. The main table displays the hierarchy data in a hierarchical view, with columns for 'Hierarchy Node', 'Level', 'Description (short text)', 'Description (medium text)', 'Change Request', 'Date', and 'Busi num'. The table is filtered to show only the 'WORLD TRAVEL' hierarchy.

Hierarchy Node	Level	Description (short text)	Description (medium text)	Change Request	Date	Busi num
1 WORLD TRAVEL	1	World Travel	Travel Agency 'World Travel'	0		
2 WT APJ	2	WT APJ	World Travel Asia, Pacific, Japan	0		
3 WT ASIA	3	WT Asia	World Travel Asia	0		
4 WT_SHA	4	World Travel Shanghai		0		TA
5 WT AMERICAS	2	WT AMERICAS	World Travel Americas	0		
6 WT AMERICA	3	WT America	World Travel America	0		
7 WT_NW_YK	4	World Travel New York		0		TA
8 WT EMEA	2	WT EMEA	World Travel Europe, Middle East, Africa	0		
9 WT EUROPE	3	WT Europe	World Travel Europe	0		
10 WT WEST EUROPE	4	WT West Europe	World Travel West Europe	0		
11 WT UK & IRELAND	5	WT UK & Ireland	World Travel UK & Ireland	0		
12 WT UNITED KINGDOM	6	WT United Kingdom	World Travel United Kingdom	0		
13 WT IRELAND	6	WT Ireland	World Travel Ireland	0		
41 WT_DUBLN	7	World Travel Dublin		0		TA
42 WT FRANCE	5	WT France	World Travel France	0		
43 WT_ILE DE FRANCE	6	WT Ile de France	World Travel Ile de France	0		
44 WT_PARIS	7	World Travel Paris		0		TA
45 WT NORMANDIE	6	WT Normandie	World Travel Normandie	0		
46 WT_ROUEN	7	World Travel Rouen		0		TA
47 WT BRETAGNE	6	WT Bretagne	World Travel Bretagne	0		
48 WT_RENNS	7	World Travel Rennes		0		TA
49 WT_PAYS DE LA LOIRE	6	WT Pays de la Loire	World Travel Pays de la Loire	0		
50 WT_NANTS	7	World Travel Nantes		0		TA
51 WT_CENTRE VD LOIRE	6	WT Centre Vd Loire	World Travel Centre Val de Loire	0		
52 WT_Orlén	7	World Travel Orléans		0		TA
53 WT_BOURGOGNE	6	WT Bourgogne	World Travel Bourgogne	0		
54 WT_DIJON	7	World Travel Dijon		0		TA

# Function in Detail

## MDG Framework Capabilities: Export File Upload Messages as Office Open XML (.xlsx)

- The File Upload application allows to download all messages that arise during file upload as Office Open XML (.xlsx) file.
- Available from releases S4/HANA 1809 onwards and MDG 9.2
- See SAP notes [3194967](#), [3129191](#), [3146760](#) for more information.

**File Upload: Step 4 (Check and Execute)**

Save Variant Delete Variant

1 Determine Entity Type 2 Define File Structure 3 Determine Upload Settings 4 Check and Execute

Data

Show: All Rows Export Messages

Appr.Batch Recd Req.	Assign effect. vals	Authorization Gr	Base Unit of Measure	Basic material	Batch Management	CA
		TEST	PC			
		TEST	PC			
		TEST	PC			

All 58 1

Material: Data record with key MAT\_ERR\_YK  
Material MAT\_ERR\_YK38: A master record w  
Material MAT\_ERR\_YK37: A master record w  
Material MAT\_ERR\_YK36: A master record w

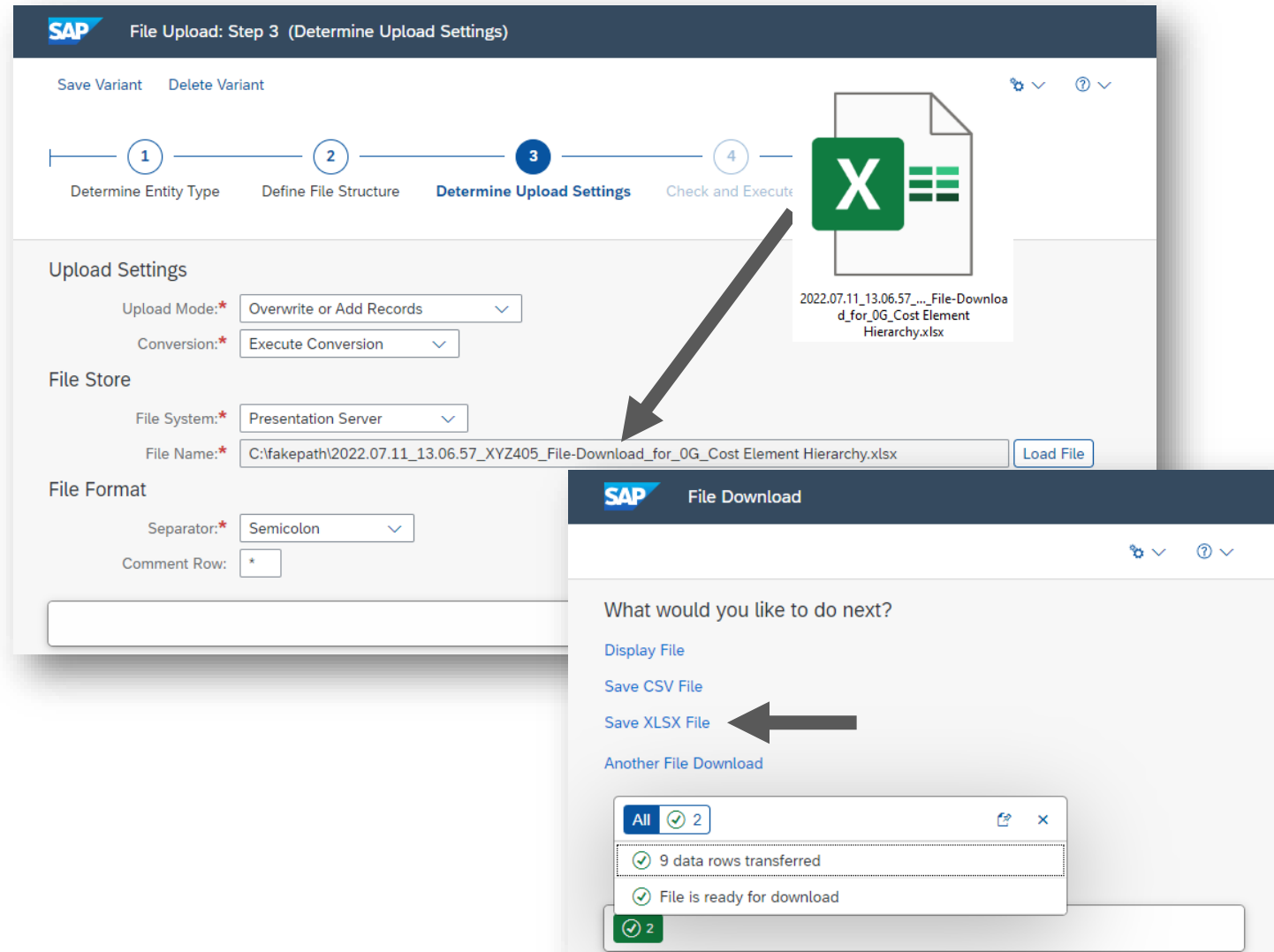
2022.05.11\_08.25.02\_QM7403-File-Upload-Errors\_for\_MM\_Materi.xlsx

Message Text	Message Class	Message Number	Message Type	Row Number	Field Name
The material type PERT does not exist	M3	104	W		
[Info] Messages refer to details of material MAT_ERR_YK89	MDG_BS_MAT_API	103	W		
The material type PERT does not exist	M3	104	W		
Material MAT_ERR_YK21 : A master record with value 15 does not exist for attribute Material Group	USMD1B	301	W	10	MATKL
Material MAT_ERR_YK21 : A master record with value 15 does not exist for attribute Lab/Office	USMD1B	301	W	10	LABOR
Material MAT_ERR_YK21 : A master record with value PERT does not exist for attribute Material Type	USMD1B	301	W	10	MTART
Material MAT_ERR_YK21 : A master record with value 15 does not exist for attribute Matl Grp Pckmat	USMD1B	301	W	10	MAGRVMARA
Material MAT_ERR_YK22 : A master record with value 15 does not exist for attribute Lab/Office	USMD1B	301	W	11	LABOR

# Function in Detail

## MDG Framework Capabilities: File Upload and Download of Office Open XML (.xlsx)

- The File Upload application is to process an XLSX file. Application File Download provides an additional option to download data as XLSX.
- Available from releases S4/HANA 1809 SP04 onwards and MDG 9.2
- See SAP notes [3194967](#), [3155366](#), [3137753](#) for more information.



# Function in Detail

## MDG Framework Capabilities: Recall Change Request

- As a requestor, I want to have the ability to recall the request after it has been routed for approval and before the request has been approved.
- The change request should be routed back to me, as I may realize that additional changes are required and might need to recall it to add the data.
- An additional action 'Recall by Requester' is delivered and can be used to setup corresponding change request step and workflow.
- Available from releases S4/HANA 1809 onwards and MDG 9.2
- Visit [SAP Note 3018966](#) and [SAP Note 3043582](#) for more information

The screenshot displays the SAP MDG Change Request interface for Organization: \$12834, British Bakery GmbH / 69155 Heidelberg. The interface is divided into two main sections: 'Change Request' and 'Customer Details'.

**Change Request Section:**

- General Data:**
  - Change Request: 38407
  - Description: New subsidiary in Heidelberg
  - Priority:
  - Due Date:
  - Reason:
- Process Data:**
  - Status: Changes to Be Executed
  - Current Work Item: Process Change Request 38407 (New... [What's Next](#))
  - Created On/By: 27.05.2021 07:36:03 [Denise Smith](#)
  - Changed On/By: 27.05.2021 08:03:53 [Michael Moore](#)
  - Type of Change Request: ZCU1P1RE Create Customer (simple WF) With Recall
  - Step Type: Activate Change Request with Recall Option

**Customer Details Section:**

- General Data:**
  - Business Partner ID / Grouping: Internal Number Assignment
  - Title:
  - Name 1: British Bakery GmbH
  - Name 2:
  - Salutation:
  - Search Terms: BB BAKERY
- Address:**
  - Postal Code / City: 69155 Heidelberg
  - Country/Region: DE Germany
  - Region: 08 Baden-Wuerttemberg
  - Language: DE German
  - Transportation Zone:

A blue button labeled 'Recall by Requestor' is highlighted with a blue box and a hand cursor. An arrow points from this button to a 'Recall by Requestor' button in the bottom right corner of the interface, next to a 'Save' button.

# Function in Detail

## MDG Framework Capabilities: Fuzziness Threshold for Attributes in SAP HANA-Based Search

- You want to search using the operator 'equal to' ('is') so that it doesn't behave as if you use the operator 'contains'.
- The fuzziness threshold for attributes can be customized. A threshold of 1.0 will run an exact match search for that attribute and hence behave as 'equal to'.
- Available from releases S4/HANA 1809 onwards and MDG 9.2
- Visit [SAP Note 3036524](#) and [SAP Note 3043582](#) for more information

The screenshot shows the SAP Search Cost Centers interface. The search criteria are set to 'Person Responsible' with the operator 'equal to'. The search button is highlighted. Below the search criteria, the 'Result List' shows 9 records found. The table columns are: Pending Change R..., Controlling Area, Cost Center, Name, Valid-From Date, Valid-To Date, Medium Text, and User Responsi... (partially visible). The results include various cost centers and their names, with the 'User Responsi...' column showing 'tester' for most entries.

Pending Change R...	Controlling Area	Cost Center	Name	Valid-From Date	Valid-To Date	Medium Text	User Responsi...
<input type="checkbox"/>	0001	66121005	FSHD	18.10.2021	31.12.9999	FSHD	tester
<input type="checkbox"/>	0001	CC01	Cost Center 1	01.01.2010	31.12.9999	Cost Center No. 1	tester
<input type="checkbox"/>	0001	CC02	Cost Center 2	01.01.2010	31.12.2021	Cost Center No. 2	tester
<input type="checkbox"/>	0001	CC02	Cost Center 2 a	01.01.2022	31.12.9999	Cost Center No. 2	tester
<input type="checkbox"/>	0001	CC03	Cost Center 3	01.01.2010	31.12.9999	Cost Center No. 3	tester
<input type="checkbox"/>	0001	DS1	DS1	01.01.2010	31.12.9999		tester
<input type="checkbox"/>	0001	DS2	DS	01.01.2010	31.12.9999		tester
<input type="checkbox"/>	0001	3567	test	01.01.2010	31.12.9999		Test
<input type="checkbox"/>	0001	100123	test	05.05.2020	31.12.9999		test

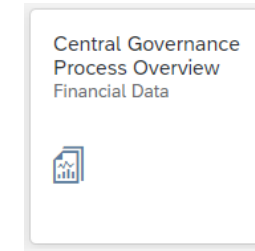
The screenshot shows the SAP Search Cost Centers interface. The search criteria are set to 'Person Responsible' with the operator 'equal to'. The search button is highlighted. Below the search criteria, the 'Result List' shows 7 records found. The table columns are: Pending Change R..., Controlling Area, Cost Center, Name, Valid-From Date, Valid-To Date, Medium Text, and Person Responsi... (partially visible). The results include various cost centers and their names, with the 'Person Responsi...' column showing 'tester' for most entries.

Pending Change R...	Controlling Area	Cost Center	Name	Valid-From Date	Valid-To Date	Medium Text	Person Responsi...
<input type="checkbox"/>	0001	66121005	FSHD	18.10.2021	31.12.9999	FSHD	tester
<input type="checkbox"/>	0001	CC01	Cost Center 1	01.01.2010	31.12.9999	Cost Center No. 1	tester
<input type="checkbox"/>	0001	CC02	Cost Center 2	01.01.2010	31.12.2021	Cost Center No. 2	tester
<input type="checkbox"/>	0001	CC02	Cost Center 2 a	01.01.2022	31.12.9999	Cost Center No. 2	tester
<input type="checkbox"/>	0001	CC03	Cost Center 3	01.01.2010	31.12.9999	Cost Center No. 3	tester
<input type="checkbox"/>	0001	DS1	DS1	01.01.2010	31.12.9999		tester
<input type="checkbox"/>	0001	DS2	DS	01.01.2010	31.12.9999		tester



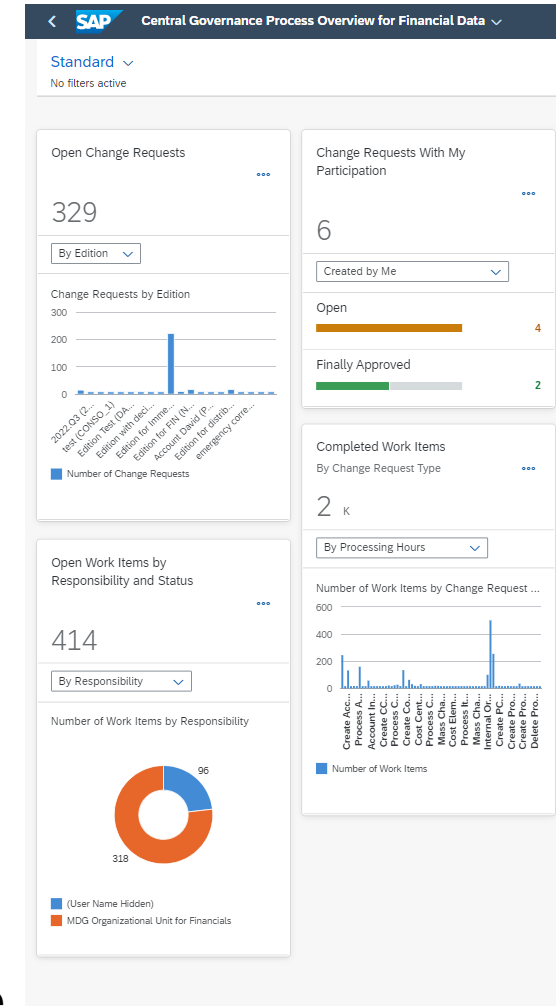
# Function in Detail

## MDG Framework Capabilities: Master Data Process Overview



The cards on an [Overview Page](#) provide you with one-stop information on work due and the work done for the individual user as well as a set of processes:

- Get overview and real time insight into **open work items** for change requests.
- Analyze performance of **completed work items** for continuous improvement.
- **Change Request related information** as trigger to work on change requests requiring my attention (open CRs, long running CRs, rejected CRs)
- **Average processing times** of change requests to improve processing times
- Completed CRs and upcoming workload (i.e. open CRs)
- Consolidation **processes and the status** of these processes / which require my attention
- **Quality of Mass Processing** (number of objects per process, no. of changed objects, runtime per process and no. of objects, validation status and threshold)
- Users will be able to hide and unhide cards in the OVP depending on working need



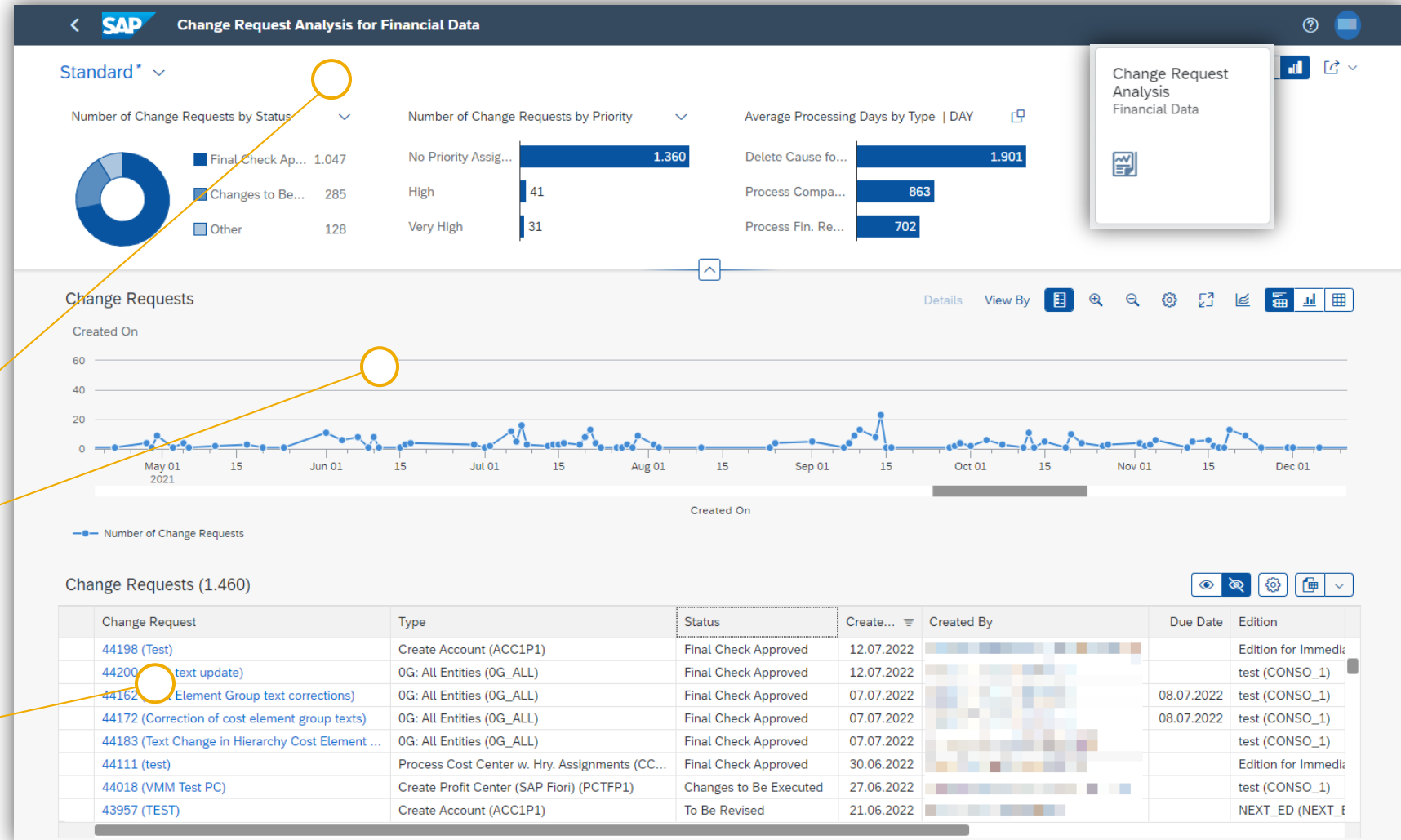
# Function in Detail

## MDG Framework Capabilities: Change Request Analysis for Financial Data

### Analytical List Page

All apps implement the SAP Fiori Analytical List Page floorplan (ALP) and share the same behavior.

- Header with the filter bar, here: displaying visual filters for Number of Change Requests by Status, Number of Change Requests by Priority
- Change Requests chart – smart chart for visualization, drill-down, filtering
- Change Request table – analytical table for detailed information, actions, export





# Function in Detail:

## MDG Framework Capabilities: Archiving

- The general recommendation is to archive change requests. Archiving removes the change requests from the database and moves them to an external storage. This will reduce the size of the database and improve performance.
- Only change requests in a final state can be archived, namely in the statuses *Final Check Approved* or *Final Check Rejected*. You can still access archived change request from the application Display Change Requests including their (archived) change documents.
- Further information:
  - SAP Note [2574330](#) (Archiving and deletion of change requests)
  - [Online Documentation](#) on Data Archiving in MDG

SAP Display Change Requests

Change Request: ◆ [ ] To [ ]

Type of Change Request: ◆ [ ] To [ ]

Status of Change Request: ◆ [ ] To [ ]

Edition: ◆ [ ] To [ ]

Due Date: ◆ [ ] To [ ]

Priority: ◆ [ ] To [ ]

Reason: ◆ [ ] To [ ]

Reason for Rejection: ◆ [ ] To [ ]

Created By: ◆ [ ] To [ ]

Created On: ◆ [ ] To [ ]

Changed By: ◆ [ ] To [ ]

Changed On: ◆ [ ] To [ ]

Finalized By: ◆ [ ] To [ ]

Finalized On: ◆ [ ] To [ ]

No Finalized Change Requests: ☐

Include Archived Change Requests: ☒

Search Term for Attachment Search: [ ]

# Agenda

Financial Master Data in the Business – Situation and Challenges

The Solution: SAP Master Data Governance for Financials

Functions in Details

**The Solution Benefits**

Summary

Appendix

# Solution Benefits

## SAP Master Data Governance for Financials

### What can be improved?

### How can SAP Master Data Governance help?

### What benefits can be achieved?

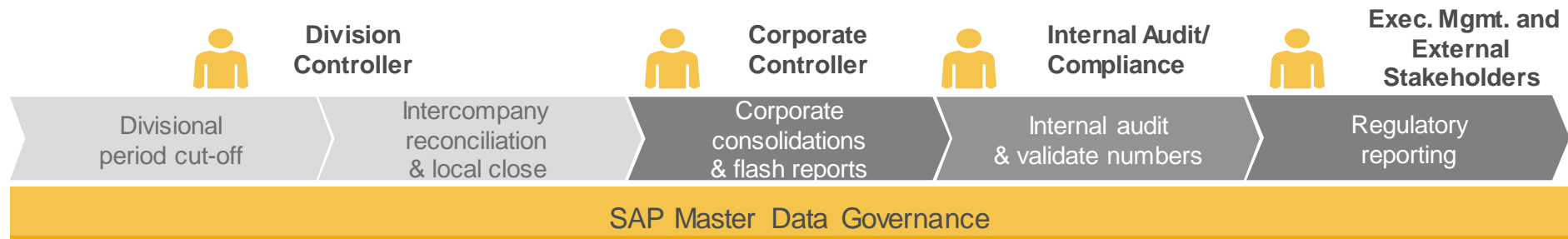
#### Process efficiency

- Intercompany reconciliations
- Period closing
- Corporate controlling
- Financial consolidation

#### Greater governance across local and corporate systems

- Automation of data maintenance through integrated validations, derivations and role-based transactional guidance
- Reduction of manual correction work due to “First Time Right” data entry
- More automation in reconciliation of charts of accounts across multiple ledgers

- Faster financial close
- Increased coordination across operating units
- Increased trust in reporting data
- Reduced cost of finance as a percentage of revenues



# Solution Benefits

## SAP Master Data Governance for Financials (2)

What can be improved?

How can SAP Master Data Governance help?

What benefits can be achieved?

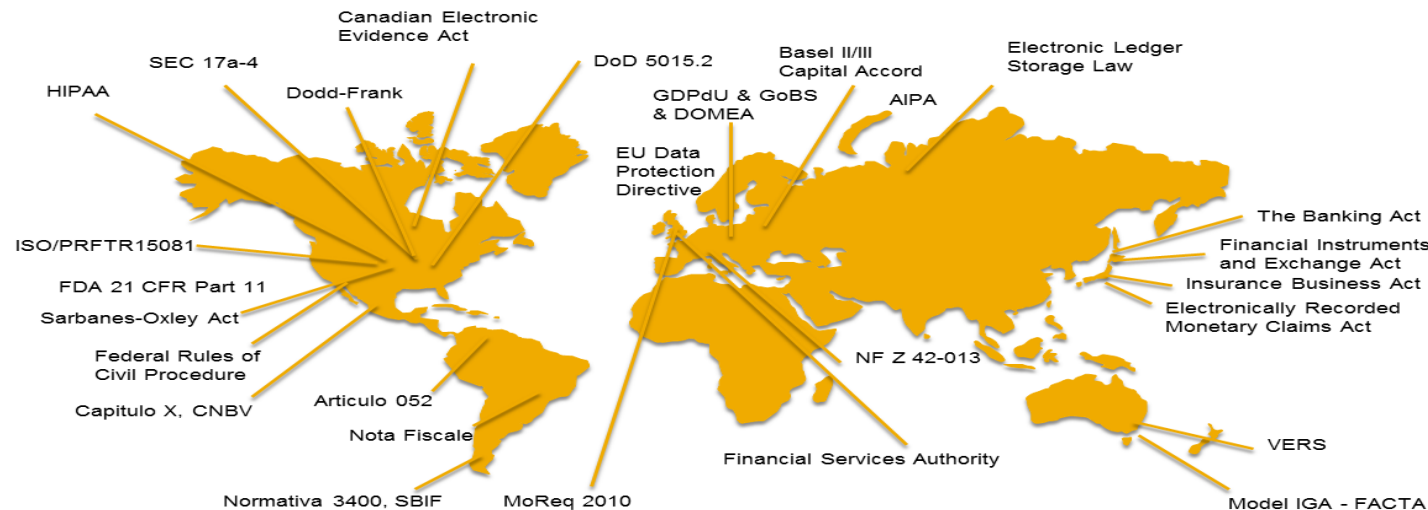
### Compliance Management

- Transparency
- Traceability
- Risk exposure

#### Greater governance across local and corporate systems

- Separation of duties between change and approval authority for financial master data
- Standardized workflow and automated routing
- Complete history and audit trail of changes to financial master data

- Increased visibility into change impact on financial statements
- Reduced audit workloads and costs
- Greater collaboration in support of internal policies and government/industry regulations
- Fewer non-compliance penalties



# Solution Benefits

## SAP Master Data Governance for Financials (3)

### What can be improved?

### How can SAP Master Data Governance help?

### What benefits can be achieved?

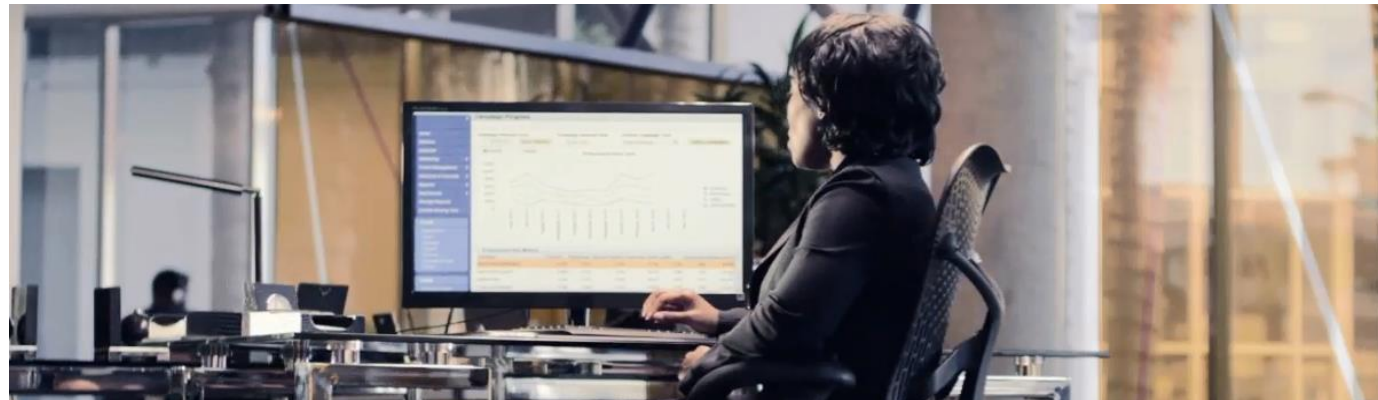
#### Quality and Consistency

- Master data
- Business rules
- Governance processes

#### Greater governance across local and corporate systems

- Single Source of Truth allowing for creating and storing the right data at the right place, even in distributed and changing landscapes
- Standardized data models, validation rules and workflows
- Easier Cross-System Data Synchronization through configurable and selective distribution logic

- Reduced effort to find information
- Increased trust in data by business users
- Greater consistency of financial statements and less need for restatements
- Improved modeling, planning and analysis



# Agenda

Financial Master Data in the Business – Situation and Challenges

The Solution: SAP Master Data Governance for Financials

Functions in Details

The Solution Benefits

**Summary**

Appendix

# Summary

## Why SAP Master Data Governance?

- Up-front, central creation of master data enables high data quality and leads to significant business improvements
- Out-of-the-box, process-centric applications provide centralized governance for master data domains such as financial data, supplier data, material data etc.
- Embedded solution with native integration into Business Suite using existing business logic and infrastructure leads to low TCO
- SAP Master Data Governance provides flexibility, from configurable workflows and extensible data models up to custom-built applications



# **Appendix: Customer Influence Projects and Downport**



# SAP MDG Projects in the Customer Connection Program

CC Projects	Scope	Start Collection	Start Selection	Start Development	Delivery Call	Deliveries
<a href="#">SAP MDG</a> (for S/4HANA 1909)	SAP MDG, Central Governance, Mass Processing and Consolidation, all domains	May 8, 2018	June 30, 2018	Sep 18, 2018	June 12, 2019	<a href="#">25</a> Improvements
<a href="#">SAP MDG 2019</a> (for S/4HANA 2020)	SAP MDG, Central Governance, Mass Processing, Consolidation and Data Quality Management, all domains	Apr 12, 2019	June 30, 2019	Sep 18, 2019	July 15, 2020	<a href="#">28</a> Improvements
<a href="#">SAP MDG 2020</a> (for S/4HANA 2021)	SAP MDG, Central Governance, Mass Processing, Consolidation and Data Quality Management, all domains (same as 2019)	July 29, 2020	Oct. 7, 2020	Dec 2, 2020	July 13, 2021	<a href="#">25</a> Improvements
<a href="#">SAP MDG 2021/2022</a> (for S/4HANA 2022)	SAP MDG, Central Governance, Mass Processing, Consolidation and Data Quality Management, domains: Material, BP, FIN, Custom Objects	July 20, 2021	Oct. 08, 2021	Dec 08, 2021	July 19, 2022	<a href="#">23</a> Improvements
<a href="#">SAP MDG 2023</a> (for S/4HANA 2023)	SAP MDG, Central Governance, Mass Processing, Consolidation and Data Quality Management, domains: Material, BP, FIN, Custom Objects	July 27, 2022	Oct 24, 2022	Dec 14, 2022	July 19, 2023	<a href="#">22</a> Improvements



# IMPROVE SAP Solutions

From SAP Customer Connection to SAP Continuous Influence Program

New Procedure

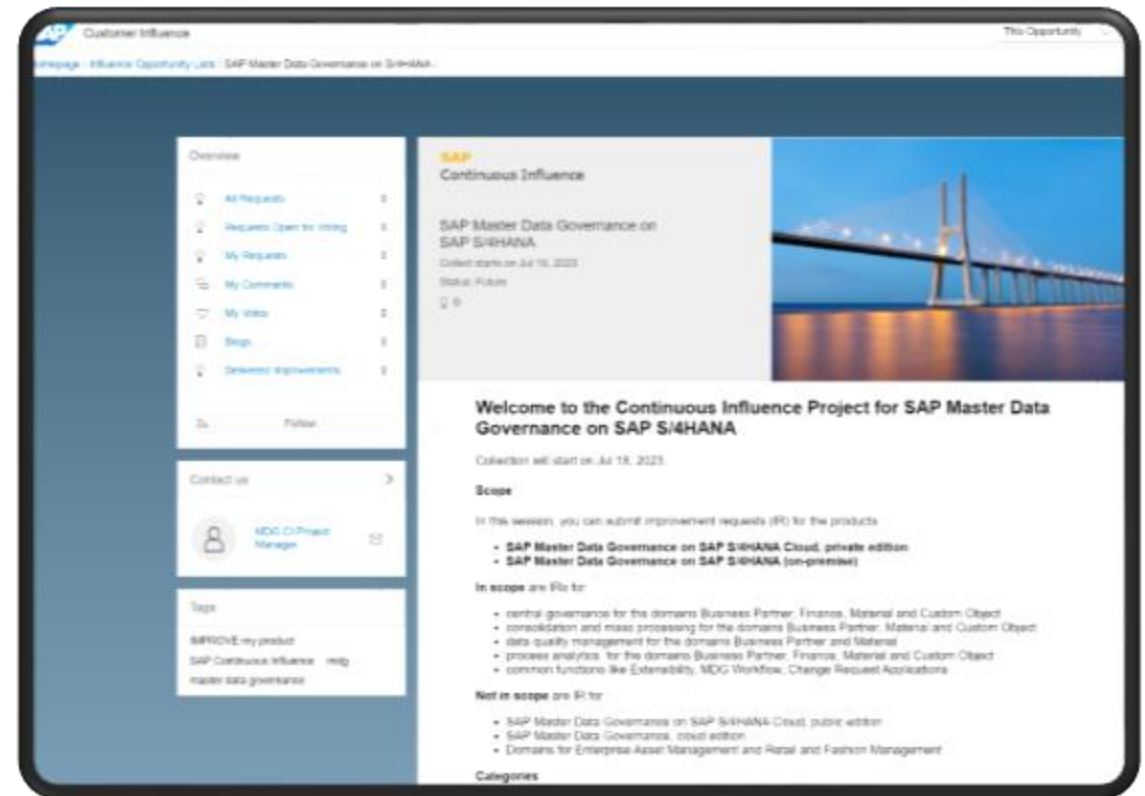
After a transition period in 2023, SAP has only one program, SAP Continuous Influence, to collect, review, and implement your ideas. This means that SAP on-premise products adopt the SAP Continuous Influence format for all idea submission activities.

**IMPROVE now** by requesting changes to existing SAP products with **SAP Continuous Influence**.

SAP Continuous Influence provides you the opportunity to suggest improvements on existing SAP products directly to the development teams.

It is continuously open to submit improvement requests, and these are reviewed on a regular basis.

Visit the  
[Continuous Influence Project for SAP MDG](#)



# Contribute – Visit the SAP Customer Influence Site

The **SAP Customer Influence site** gathers all existing influencing opportunities in one single entry channel:

- To participate, first **create your user account** to logon and activate Single-Sign-On for easy access (Get started with instructions [here](#)).
- Define your “**area(s) of interest**” [here](#) by clicking the **follow** button. You will receive regular email **updates** and **notifications** on topics within the chosen area(s). You can edit your choices anytime.
- Get active by **searching & voting** for or commenting on the already existing improvement request(s) from which your company would benefit, or start **submitting your own improvement requests**.

## Visit the landing pages

[SAP MDG](#) (for S/4HANA 1909)

[SAP MDG 2019](#) (for S/4HANA 2020)

[SAP MDG 2020](#) (for S/4HANA 2021)

[SAP MDG 2021/2022](#) (for S/4HANA 2022)

[SAP MDG 2023](#) (for S/4HANA 2023)

[Continuous Influence Project for](#)

[SAP MDG](#) (continuous)

# MDG Customer Connection SAP Notes

Some of the new functions developed as a result of requests submitted during the Customer Connection for MDG require activating via custom business functions which are listed in the corresponding SAP notes.

- [2765664](#) - MDG Customer Connection 2018
- [2888104](#) - MDG Customer Connection 2019
- [3043582](#) - MDG Customer Connection 2020
- [3194967](#) - MDG Customer Connection 2021/2022
- [3311039](#) - MDG Customer Connection 2023

# Details and Demos about Improvements in S/4HANA 2020

ID	Title	Note/SP/Release	Lowest Releases
232583	<a href="#">[MDG-F] New Company Code GL Account Copy Function</a>	<a href="#">SAP Note 2923340</a>	From S/4HANA 1610 und from MDG 9.0

# Details and Demos about Improvements in S/4HANA 2021

ID	Title	Note/SP/Release	Lowest Releases
253986	<a href="#">Replication of hierarchy groups</a>	SAP Notes <a href="#">3043582</a> , <a href="#">3068256</a>	As of S/4HANA 1809 and MDG 9.2
252186	<a href="#">Edition comparison for hierarchy assignments</a>	SAP Notes <a href="#">3043582</a> , <a href="#">3043517</a>	As of S/4HANA 1809 and MDG 9.2

# Details and Demos about Improvements in S/4HANA 2022

ID	Title	Note/SP/Release	Lowest Releases
269987	<a href="#">Enhancement of New Copy Function for Company Code G/L Accounts</a>	SAP Notes <a href="#">3194967</a> , <a href="#">3139101</a>	As of S/4HANA 1809 and MDG 9.2
271626	<a href="#">Harmonisation of S/4 HANA and MDG-F groups &amp; hierarchies</a>	SAP Notes <a href="#">3170182</a>	As of S/4HANA 2020

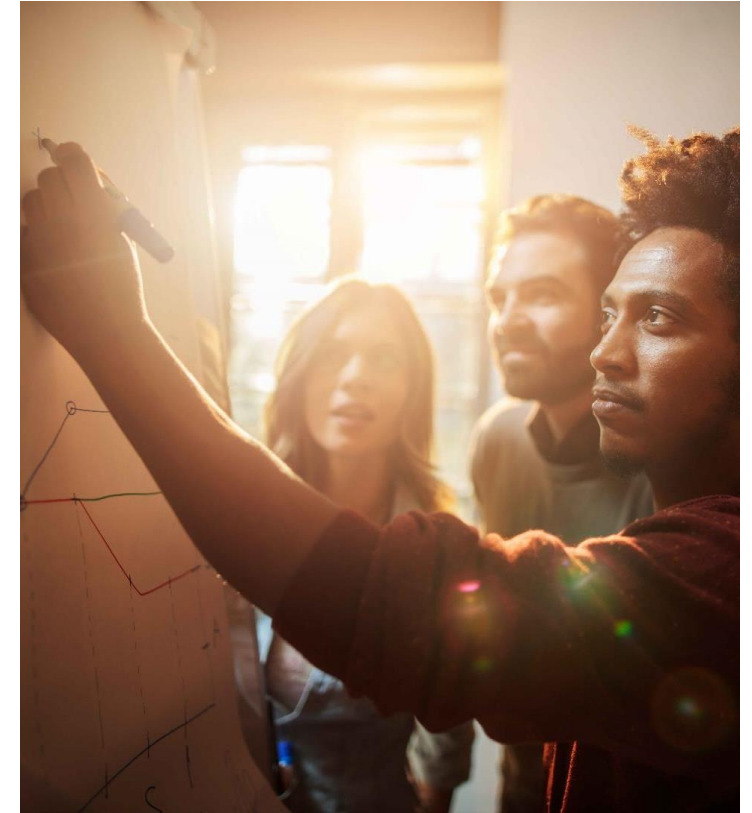
# Details about Improvements in S/4HANA 2023

ID	Title	Note/SP/Release	Lowest Releases
287937	<a href="#">Display of Current Hierarchy Assignment on SOM UIs</a>	SAP Notes <a href="#">3295163</a> , <a href="#">3311039</a>	As of S/4HANA 1809 and MDG 9.2



# Learn more about SAP Master Data Governance

- ▶ [SAP Road Maps](#)  
(direct link: [SAP MDG in Roadmap Explorer](#))
- ▶ [SAP Community](#)
- ▶ [SAP User Groups](#)
- ▶ [SAP Customer Influence](#)  
(Projects: [MDG 2018](#), [MDG 2019](#), [MDG 2020](#), [MDG 2021/22](#), [MDG 2023](#), [Continuous Influence](#))
- ▶ [SAP Master Data Governance on SAP.com](#)
- ▶ [SAP Master Data Governance Community](#)  
(recent strategy updates: [mdgupdates](#))
- ▶ [SAP Master Data Governance Application Help](#)
- ▶ [Learning Journey for SAP Master Data Governance](#)



# Thank you.

Contact information:

SAP Master Data Governance, Product Management

