

# Setup Guide – Custom CDS Views

Cancel Customer Invoice using SAP Workflow  
Management or SAP Build Process Automation

# Table of Contents

Table of Contents .....	2
Overview .....	3
Custom CDS View and Custom communication scenario .....	3
Creation of CDS View Billing Document (YY1_BillingDocument) .....	3
Creation of CDS View Billing type (YY1_BillingType) .....	8
Creation of CDS view Billing Document Item (YY1_BillingDocumentItem) .....	8
Creation of CDS View Sales Organization (YY1_SalesOrg) .....	8
Creation of CDS View Distribution Channel (YY1_DistributionChannel) .....	9
Creation of CDS View Division (YY1_Division) .....	9
Creation of CDS View Region (YY1_Region) .....	10
Creation of CDS View Country (YY1_Country) .....	10
Creation of CDS View Invoice Document (YY1_InvoiceDocument) .....	11
Creation of CDS View Company Code (YY1_CompanyCode) .....	12
Creation of CDS View Billing Document (YY1_BillingDocumentVH) .....	12
Creation of CDS View Billing Document Type (YY1_BillingTypes) .....	13
Creation of CDS View Sold to Party (YY1_Soldtoparty) .....	13
Creation of CDS View Payer (YY1_Payer) .....	14
Creation of Custom Communication Scenario .....	14

# Overview

This document provides information about configuring the CDS Views required in the workflow content package **Cancel Customer Invoice** application.

## Custom CDS View and Custom communication scenario

To call the APIs related to **Cancel Customer Invoice**, the following CDS Views and custom communication scenarios along with communication arrangement should be enabled for the communication user. The SAP S/4HANA custom communication scenario consists of the external API details which was used to display the billing document details, division, distribution channel, company code, net value, sales organization, invoice type and value help used in Cancel Customer Invoice application. This application is developed based on [CDS as external ODATA API](#) and [creation of custom communication scenario](#).

The creation of Custom CDS View as external API's and custom communication scenario are provided below.

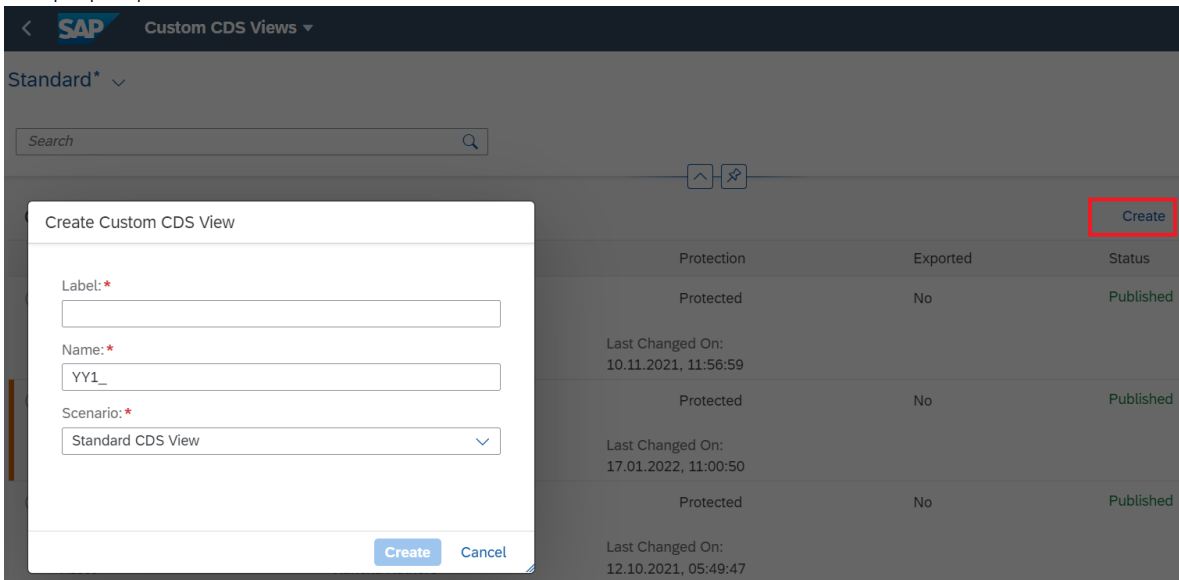
### Creation of CDS View Billing Document (YY1\_BillingDocument)

**Package Name:** SAP S/4HANA Cloud for Sales for I\_BillingDocument CDS and SAP S/4HANA Cloud for Cross Applications for I\_BusinessUserBasic CDS

**Label:** BillingDocument

**Name:** YY1\_BillingDocument

1. Login to S4HANA cloud Fiori Launchpad with required credentials.
2. Go to **Extensibility** business group and click on **Custom CDS Views** tile
3. Click on Create button, it will open the pop-up. Provide Label and Name as mentioned above. Choose **Standard CDS View** option from scenario dropdown and click on button create in pop-up window.



4. Select Primary Data Source, a popup will open with list of CDS Views. Provide the Standard

CDS view name as I\_BillingDocument in search field and press enter. Select the required CDS to continue.

Select: Primary Data Source

I\_BillingDocument Show Filters

Data Sources (54)

Name	Label	Source Origin	Modeling Data Source	Modeling Association Target	Analytics Data Categ
I_BillingDocItemPartnerBasic	Billing Document Item Partner Basic	ABAP Development Tools	✓	✓	
I_BillingDocItemPrgcElmntBasic	Billing Doc Item Pricing Element Basic	ABAP Development Tools	✓	✓	
I_BillingDocPrgcElmntBasic	Billing Document Pricing Element Basic	ABAP Development Tools	✓	✓	
I_BillingDocReqItemPartner	Billing Document Request Item Partner	ABAP Development Tools	✓	✓	
I_BillingDocReqItemPrgcElmnt	Billing Doc Req Item Pricing Element	ABAP Development Tools	✓	✓	
I_BillingDocReqItemStdVH	Billing Document Request Item	ABAP Development Tools			
I_BillingDocReqPrgcElmnt	Billing Document Request Pricing Element	ABAP Development Tools	✓	✓	
I_BillingDocument	Billing Document	ABAP Development Tools	✓	✓	Dimension
I_BillingDocumentBasic	Billing Document Basic	ABAP Development Tools	✓	✓	Dimension
I_BillingDocumentBasicStdVH	Billing Document Basic	ABAP Development Tools			
I_BillingDocumentCategory	Billing Document Category	ABAP Development Tools	✓	✓	Dimension
I_BillingDocumentCategoryText	Billing Document Category - Text	ABAP Development Tools	✓	✓	
I_BillingDocumentItem	Billing Document Item	ABAP Development Tools	✓	✓	Dimension

Cancel

- In case to use multiple CDS in Data Sources tab, click on Add button and select Associated Data Sources which opens pop-up. Provide the Standard CDS view name YY1\_BillingType in search field and Click "OK".

Data Sources (1)

Name	Alias	Type	Cardinality	Status	Parameters
I_BillingDocument	I_BillingDocument	Primary Datasource		Released	

Add Remove

Primary Data Source  
Associated Data Sources

Select: Associated Data Source

YY1\_BillingType Show Filters

Items (2)

Data Sources (2)

<input type="checkbox"/> Name	Label	Source Origin	Modeling Data Source	Modeling Association Target	Analytics Data Category
<input type="checkbox"/> YY1_BillingCompanyCode	BillingCompanyCode	Custom CDS Views			
<input checked="" type="checkbox"/> YY1_BillingType	BillingType	Custom CDS Views			

Selected Items and Conditions (1)

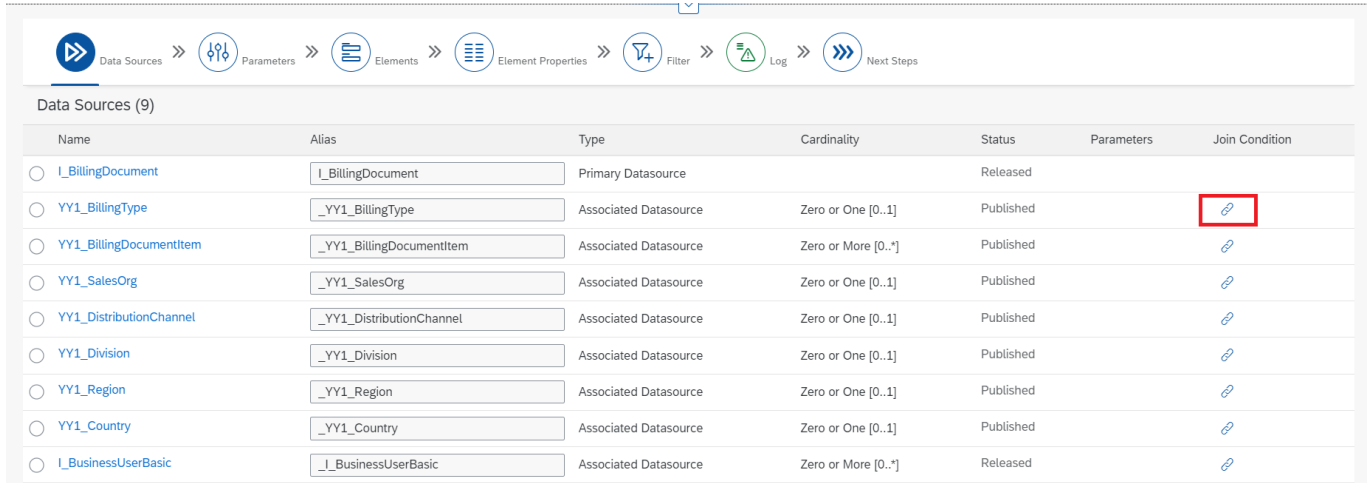
YY1\_BillingType x









OK Cancel

- To add more associated data sources, again click on Add button and select Associated Data

Sources which opens pop-up. Select the desired CDS Views, YY1\_BillingDocumentItem, YY1\_SalesOrg, YY1\_DistributionChannel, YY1\_Division, YY1\_Region, YY1\_Country, I\_BusinessUserBasic and click OK.

- After selection of primary and secondary data sources, click on Join condition icon  which open Define Join Conditions pop-up, click Add button and make relationship between two data sources by selection of similar fields in Field of Associated Data Source popup and change cardinality as per requirement of CDS Views.



Name	Alias	Type	Cardinality	Status	Parameters	Join Condition
<input type="radio"/> I_BillingDocument	I_BillingDocument	Primary Datasource		Released		
<input type="radio"/> YY1_BillingType	_YY1_BillingType	Associated Datasource	Zero or One [0..1]	Published		
<input type="radio"/> YY1_BillingDocumentItem	_YY1_BillingDocumentItem	Associated Datasource	Zero or More [0..*]	Published		
<input type="radio"/> YY1_SalesOrg	_YY1_SalesOrg	Associated Datasource	Zero or One [0..1]	Published		
<input type="radio"/> YY1_DistributionChannel	_YY1_DistributionChannel	Associated Datasource	Zero or One [0..1]	Published		
<input type="radio"/> YY1_Division	_YY1_Division	Associated Datasource	Zero or One [0..1]	Published		
<input type="radio"/> YY1_Region	_YY1_Region	Associated Datasource	Zero or One [0..1]	Published		
<input type="radio"/> YY1_Country	_YY1_Country	Associated Datasource	Zero or One [0..1]	Published		
<input type="radio"/> I_BusinessUserBasic	_I_BusinessUserBasic	Associated Datasource	Zero or More [0..*]	Released		

**Define Join Conditions:** Perform the join condition between these data sources as listed below:

- Name: YY1\_BillingType  
Alias: \_YY1\_BillingType  
Cardinality: Zero or One[0..1]

Data Source Field	Operator	Value Type	Value
<b>BillingDocumentType</b>	Equal	Field	I_BillingDocument.BillingDocumentType

- Name: YY1\_BillingDocumentItem  
Alias: \_YY1\_BillingDocumentItem  
Cardinality: Zero or More[0..\*]

Data Source Field	Operator	Value Type	Value
<b>BillingDocument</b>	Equal	Field	I_BillingDocument.BillingDocument

- Name: YY1\_SalesOrg  
Alias: \_YY1\_SalesOrg  
Cardinality: Zero or One[0..1]

Data Source Field	Operator	Value Type	Value
<b>SalesOrganization</b>	Equal	Field	I_BillingDocument.SalesOrganization

- Name: YY1\_DistributionChannel  
Alias: \_YY1\_DistributionChannel  
Cardinality: Zero or One[0..1]

Data Source Field	Operator	Value Type	Value
<b>DistributionChannel</b>	Equal	Field	I_BillingDocument.DistributionChannel

- v) Name: YY1\_Division  
 Alias: \_YY1\_Division  
 Cardinality: Zero or One[0..1]

Data Source Field	Operator	Value Type	Value
<b>Division</b>	Equal	Field	I_BillingDocument.Division

- vi) Name: YY1\_Region  
 Alias: \_YY1\_Region  
 Cardinality: Zero or One[0..1]

Data Source Field	Operator	Value Type	Value
<b>Region</b>	Equal	Field	I_BillingDocument.Region
<b>Country</b>	Equal	Field	I_BillingDocument.Country

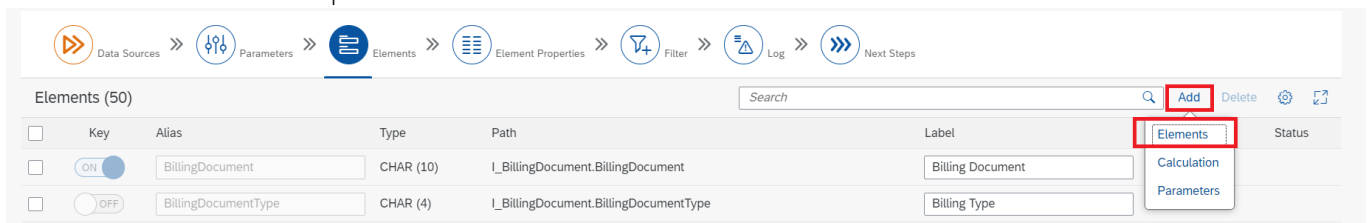
- vii) Name: YY1\_Country  
 Alias: \_YY1\_Country  
 Cardinality: Zero or One[0..1]

Data Source Field	Operator	Value Type	Value
<b>Country</b>	Equal	Field	I_BillingDocument.Country

- viii) Name: YY1\_BusinessUserBasic  
 Alias: \_YY1\_BusinessUserBasic  
 Cardinality: Zero or More[0..\*]

Data Source Field	Operator	Value Type	Value
<b>UserID</b>	Equal	Field	I_BillingDocument.CreatedByUser

8. Go to Elements tab, click add button and select Elements from submenu and select required fields from multiple CDS and click Ok button.



Elements to be added are mentioned in below table.

Key	Alias	Path	Label
ON	BillingDocument	I_BillingDocument.BillingDocument	Billing Document

OFF	BillingDocumentType	I_BillingDocument.BillingDocumentType	Billing Type
OFF	SDDocumentCategory	I_BillingDocument.SDDocumentCategory	SD Document Category
OFF	BillingDocumentCategory	I_BillingDocument.BillingDocumentCategory	Billing Category
OFF	BillingDocumentDate	I_BillingDocument.BillingDocumentDate	Billing Date
OFF	BillingDocumentIsCancelled	I_BillingDocument.BillingDocumentIsCancelled	Canceled
OFF	CancelledBillingDocument	I_BillingDocument.CancelledBillingDocument	Canceled Bill. Do
OFF	TotalNetAmount	I_BillingDocument.TotalNetAmount	Net Value
OFF	TransactionCurrency	I_BillingDocument.TransactionCurrency	Document Curre
OFF	CustomerTaxClassification9	I_BillingDocument.CustomerTaxClassification9	Tax Class.9 Cust
OFF	PayerParty	I_BillingDocument.PayerParty	Payer
OFF	SoldToParty	I_BillingDocument.SoldToParty	Sold-to Party
OFF	PostingDate	I_BillingDocument._AccountingDocument.PostingDate	Posting Date
OFF	SoldToPartyName	I_BillingDocument._SoldToParty.CustomerName	SoldToParty Nam
OFF	PayerPartyName	I_BillingDocument._PayerParty.CustomerName	Payer Name
OFF	BillingDocumentTypeName	_YY1_BillingType.BillingDocumentTypeName	Description
OFF	CompanyCode	I_BillingDocument.CompanyCode	Company Code
OFF	PurchaseOrderByCustomer	I_BillingDocument.PurchaseOrderByCustomer	Customer Refer
OFF	SalesOrganization	I_BillingDocument.SalesOrganization	Sales Organizati
OFF	DistributionChannel	I_BillingDocument.DistributionChannel	Distribution Char
OFF	Division	I_BillingDocument.Division	Division
OFF	Region	I_BillingDocument.Region	Region
OFF	CreatedByUser	I_BillingDocument.CreatedByUser	Created By
OFF	CreationDate	I_BillingDocument.CreationDate	Created On
OFF	LastChangeDate	I_BillingDocument.LastChangeDate	Changed On
OFF	Country	I_BillingDocument.Country	Dest. Country/R
OFF	BillingDocumentType_1	I_BillingDocument.BillingDocumentType	Billing Type
OFF	SalesOrganizationName	_YY1_SalesOrg.SalesOrganizationName	Sales Organizati Description
OFF	DistributionChannelName	_YY1_DistributionChannel.DistributionChannelName	Distribution Char Description
OFF	DivisionName	_YY1_Division.DivisionName	Division Descript
OFF	County	I_BillingDocument.County	County Code
OFF	Country_1	I_BillingDocument.Country	Dest. Country/R
OFF	RegionName	_YY1_Region.RegionName	Description
OFF	CountryName	YY1_Country.CountryName	Country/Region Name
OFF	CompanyCodeName	I_BillingDocument._CompanyCode.CompanyCodeName	Company Name
OFF	ManuallInvoiceMaintIsRelevant	I_BillingDocument.ManuallInvoiceMaintIsRelevant	Man. Invoice Mai
OFF	ShippingCondition	I_BillingDocument.ShippingCondition	Shipping Condit
OFF	InvoiceListType	I_BillingDocument.InvoiceListType	Invoice List Type
OFF	PersonFullName	_I_BusinessUserBasic.PersonFullName	Description
OFF	_PayerParty	I_BillingDocument._PayerParty	_PayerParty
OFF	_YY1_BillingDocumentItem	_YY1_BillingDocumentItem	BillingDocument
OFF	_CompanyCode	I_BillingDocument._CompanyCode	_CompanyCode
OFF	_SalesOrganization	I_BillingDocument._SalesOrganization	_SalesOrganizati
OFF	_Division	I_BillingDocument._Division	_Division
OFF	_Region	I_BillingDocument._Region	_Region
OFF	_Country	I_BillingDocument._Country	_Country
OFF	_BillingDocumentType	I_BillingDocument._BillingDocumentType	_BillingDocument

9. Click on Publish button present on Footer.

## Creation of CDS View Billing type (YY1\_BillingType)

**Package Name:** SAP S/4HANA Cloud for Sales

**Label:** BillingType

**Name:** YY1\_BillingType

Repeat step 1 to 3 as mentioned above in YY1\_BillingDocument CDS

For 4th step select primary data source as I\_BillingDocumentTypeText

Steps 5, 6 & 7 are not required as it is single data source

Repeat step 8 by selecting required fields in Elements tab as shown in below table

Key	Alias	Path	Label
ON	BillingDocumentType	I_BillingDocumentTypeText.BillingDocumentType	Billing Type
ON	Language	I_BillingDocumentTypeText.Language	Language Key
OFF	BillingDocumentTypeName	I_BillingDocumentTypeText.BillingDocumentTypeName	Description
OFF	_Language	I_BillingDocumentTypeText._Language	_Language
OFF	_BillingDocumentType	I_BillingDocumentTypeText._BillingDocumentType	_BillingDocumentTy

Repeat step 9 by publishing CDS View

## Creation of CDS view Billing Document Item (YY1\_BillingDocumentItem)

**Package Name:** SAP S/4HANA Cloud for Sales

**Label:** BillingDocumentItem

**Name:** YY1\_BillingDocumentItem

Repeat step 1 to 3 as mentioned above in YY1\_BillingDocument CDS

For 4th step select primary data source as I\_BillingDocumentItem as shown in Step 4 above.

Steps 5, 6 & 7 are not required as it is single data source

Repeat step 8 by selecting required fields in Elements tab as shown in below table

Key	Alias	Path	Label
ON	BillingDocument	I_BillingDocumentItem.BillingDocument	Billing Document
ON	BillingDocumentItem	I_BillingDocumentItem.BillingDocumentItem	Item
OFF	BillingQuantity	I_BillingDocumentItem.BillingQuantity	Billed Quantity
OFF	BillingQuantityUnit	I_BillingDocumentItem.BillingQuantityUnit	Sales Unit
OFF	BillingQuantityInBaseUnit	I_BillingDocumentItem.BillingQuantityInBaseUnit	Billing Qty in SKU
OFF	BaseUnit	I_BillingDocumentItem.BaseUnit	Base Unit of Measure
OFF	NetAmount	I_BillingDocumentItem.NetAmount	Net Value
OFF	TransactionCurrency	I_BillingDocumentItem.TransactionCurrency	Document Currency
OFF	BillingDocumentItemText	I_BillingDocumentItem.BillingDocumentItemText	Item Description
OFF	Product	I_BillingDocumentItem.Product	Product
OFF	_ProductText	I_BillingDocumentItem._ProductText	_ProductText

Repeat step 9 by publishing CDS View

## Creation of CDS View Sales Organization (YY1\_SalesOrg)

**Package Name:** SAP S/4HANA Cloud for Sales

**Label:** SalesOrganization



**Name:** YY1\_SalesOrg

Repeat step 1 to 3 as mentioned above in YY1\_BillingDocument CDS

For 4th step, select primary data source as I\_SalesOrganizationText as shown in Step 4 above.

Steps 5, 6 & 7 are not required as it is single data source

Repeat step 8 by selecting required fields in Elements tab as shown in below table

Key	Alias	Path	Label
ON	SalesOrganization	I_SalesOrganizationText.SalesOrganization	Sales Organization
ON	Language	I_SalesOrganizationText.Language	Language Key
OFF	SalesOrganizationName	I_SalesOrganizationText.SalesOrganizationName	Sales Organization Description
OFF	_Language	I_SalesOrganizationText._Language	_Language
OFF	_SalesOrganization	I_SalesOrganizationText._SalesOrganization	_SalesOrganization

Repeat step 9 by publishing CDS View

### Creation of CDS View Distribution Channel (YY1\_DistributionChannel)

**Package Name:** SAP S/4HANA Cloud for Sales

**Label:** DistributionChannel

**Name:** YY1\_DistributionChannel

Repeat step 1 to 3 as mentioned above in YY1\_BillingDocument CDS

For 4th step select primary data source as I\_DistributionChannelText as shown in Step 4 above.

Steps 5, 6 & 7 are not required as it is single data source

Repeat step 8 by selecting required fields in Elements tab as shown in below table

Key	Alias	Path	Label
ON	DistributionChannel	I_DistributionChannelText.DistributionChannel	Distribution Channel
ON	Language	I_DistributionChannelText.Language	Language Key
OFF	DistributionChannelName	I_DistributionChannelText.DistributionChannelName	Distribution Channel Description
OFF	_Language	I_DistributionChannelText._Language	_Language
OFF	_DistributionChannel	I_DistributionChannelText._DistributionChannel	_DistributionChannel

Repeat step 9 by publishing CDS View

### Creation of CDS View Division (YY1\_Division)

**Package Name:** SAP S/4HANA Cloud for Sales

**Label:** Division

**Name:** YY1\_Division

Repeat step 1 to 3 as mentioned above in Open Delivery Items CDS

For 4th step select primary data source as I\_DivisionText as shown in Step 4 above.

Steps 5, 6 & 7 are not required as it is single data source

Repeat step 8 by selecting required fields in Elements tab as shown in below table

Key	Alias	Path	Label
-----	-------	------	-------

ON	Division	I_DivisionText.Division	Division
ON	Language	I_DivisionText.Language	Language Key
OFF	DivisionName	I_DivisionText.DivisionName	Division Description
OFF	_Language	I_DivisionText._Language	_Language
OFF	_Division	I_DivisionText._Division	_Division

Repeat step 9 by publishing CDS View

### Creation of CDS View Region (YY1\_Region)

**Package Name:** SAP S/4HANA Cloud for Cross Applications

**Label:** Region

**Name:** YY1\_Region

Repeat step 1 to 3 as mentioned above in YY1\_BillingDocument CDS

For 4th step select primary data source as I\_RegionText as shown in Step 4 above.

Steps 5, 6 & 7 are not required as it is single data source

Repeat step 8 by selecting required fields in Elements tab as shown in below table

Key	Alias	Path	Label
ON	Country	I_RegionText.Country	Country/Region Key
ON	Region	I_RegionText.Region	Region
ON	Language	I_RegionText.Language	Language Key
OFF	RegionName	I_RegionText.RegionName	Description
OFF	_Country	I_RegionText._Country	_Country
OFF	_Region	I_RegionText._Region	_Region
OFF	_Language	I_RegionText._Language	_Language

Repeat step 9 by publishing CDS View

### Creation of CDS View Country (YY1\_Country)

**Package Name:** SAP S/4HANA Cloud for Cross Applications

**Label:** Country

**Name:** YY1\_Country

Repeat step 1 to 3 as mentioned above in YY1\_BillingDocument CDS

For 4th step select primary data source as I\_CountryText as shown in Step 4 above.

Steps 5, 6 & 7 are not required as it is single data source

Repeat step 8 by selecting required fields in Elements tab as shown in below table

Key	Alias	Path	Label
ON	Country	I_CountryText.Country	Country/Region Key
ON	Language	I_CountryText.Language	Language Key
OFF	CountryName	I_CountryText.CountryName	Country/Region Name
OFF	_Country	I_CountryText._Country	_Language
OFF	_Language	I_CountryText._Language	_Country

Repeat step 9 by publishing CDS View

## Creation of CDS View Invoice Document (YY1\_InvoiceDocument)

**Label:** InvoiceDocument

**Name:** YY1\_ InvoiceDocument

Repeat step 1 to 2 as mentioned above in YY1\_BillingDocument CDS

For 3<sup>rd</sup> step select **External API** option from dropdown while creating the CDS view, as shown in Step 3 above.

For 4th step select primary data source as YY1\_BillingDocument as shown in Step 4 above.

Steps 5, 6 & 7 are not required as it is single data source

Repeat step 8 by selecting required fields in Elements tab as shown in below table

Key	Alias	Path	Label
ON	BillingDocument	YY1_BillingDocument.BillingDocument	Billing Document
OFF	BillingDocument_1	YY1_BillingDocument.BillingDocument	Billing Document
OFF	BillingDocumentType	YY1_BillingDocument.BillingDocumentType	Billing Type
OFF	SDDocumentCategory	YY1_BillingDocument.SDDocumentCategory	SD Document Category
OFF	BillingDocumentCategory	YY1_BillingDocument.BillingDocumentCategory	Billing Category
OFF	BillingDocumentDate	YY1_BillingDocument.BillingDocumentDate	Billing Date
OFF	BillingDocumentTypeName	YY1_BillingDocument.BillingDocumentTypeName	Description
OFF	PayerPartyName	YY1_BillingDocument.PayerPartyName	Payer Name
OFF	SoldToPartyName	YY1_BillingDocument.SoldToPartyName	SoldToParty Name
OFF	PostingDate	YY1_BillingDocument.PostingDate	Posting Date
OFF	SoldToParty	YY1_BillingDocument.SoldToParty	Sold-to Party
OFF	PayerParty	YY1_BillingDocument.PayerParty	Payer
OFF	CustomerTaxClassification9	YY1_BillingDocument.CustomerTaxClassification9	Tax Class.9 Customer
OFF	TransactionCurrency	YY1_BillingDocument.TransactionCurrency	Document Currency
OFF	TotalNetAmount	YY1_BillingDocument.TotalNetAmount	Net Value
OFF	CancelledBillingDocument	YY1_BillingDocument.CancelledBillingDocument	Canceled Bill. Doc.
OFF	BillingDocumentIsCancelled	YY1_BillingDocument.BillingDocumentIsCancelled	Canceled
OFF	CompanyCode	YY1_BillingDocument.CompanyCode	Company Code
OFF	Division	YY1_BillingDocument.Division	Division
OFF	DistributionChannel	YY1_BillingDocument.DistributionChannel	Distribution Channel
OFF	SalesOrganization	YY1_BillingDocument.SalesOrganization	Sales Organization
OFF	PurchaseOrderByCustomer	YY1_BillingDocument.PurchaseOrderByCustomer	Customer Reference
OFF	Region	YY1_BillingDocument.Region	Region
OFF	CreatedByUser	YY1_BillingDocument.CreatedByUser	Created By
OFF	CreationDate	YY1_BillingDocument.CreationDate	Created On
OFF	LastChangeDate	YY1_BillingDocument.LastChangeDate	Changed On
OFF	BillingDocumentType_1	YY1_BillingDocument.BillingDocumentType	Billing Type
OFF	SalesOrganizationName	YY1_BillingDocument.SalesOrganizationName	Sales Organization Description
OFF	DistributionChannelName	YY1_BillingDocument.DistributionChannelName	Distribution Channel Description
OFF	DivisionName	YY1_BillingDocument.DivisionName	Division Description
OFF	County	YY1_BillingDocument.County	County Code
OFF	Country	YY1_BillingDocument.Country	Dest. Country/Region
OFF	RegionName	YY1_BillingDocument.RegionName	Description
OFF	CountryName	YY1_BillingDocument.CountryName	Country/Region Name

OFF	CompanyCodeName	YY1_BillingDocument.CompanyCodeName	Company Name
OFF	ManuallInvoiceMaintIsRelevant	YY1_BillingDocument.ManuallInvoiceMaintIsRelevant	Man. Invoice Maint.
OFF	ShippingCondition	YY1_BillingDocument.ShippingCondition	Shipping Conditions
OFF	InvoiceListType	YY1_BillingDocument.InvoiceListType	Invoice List Type
OFF	PersonFullName	YY1_BillingDocument.PersonFullName	Description
OFF	_YY1_BillingDocumentItem	YY1_BillingDocument._YY1_BillingDocumentItem	BillingDocumentItem

Repeat step 9 by publishing CDS View

### Creation of CDS View Company Code (YY1\_CompanyCode)

**Package Name:** SAP S/4HANA Cloud for Finance

**Label:** Company Code

**Name:** YY1\_CompanyCode

Repeat step 1 to 2 as mentioned above in YY1\_BillingDocument CDS

For 3<sup>rd</sup> step select **External API** option from dropdown while creating the CDS view, as shown in Step 3 above.

For 4th step select primary data source as I\_CompanyCode as shown in Step 4 above.

Steps 5, 6 & 7 are not required as it is single data source

Repeat step 8 by selecting required fields in Elements tab as shown in below table

Key	Alias	Path	Label
ON	CompanyCode	I_CompanyCode.CompanyCode	Company Code
OFF	CompanyCodeName	I_CompanyCode.CompanyCodeName	Company Name
OFF	Currency	I_CompanyCode.Currency	Currency
OFF	Language	I_CompanyCode.Language	Language

Repeat step 9 by publishing CDS View

### Creation of CDS View Billing Document (YY1\_BillingDocumentVH)

**Package Name:** SAP S/4HANA Cloud for Sales

**Label:** BillingDocument

**Name:** YY1\_BillingDocumentVH

Repeat step 1 to 2 as mentioned above in YY1\_BillingDocument CDS

For 3<sup>rd</sup> step select **External API** option from dropdown while creating the CDS view, as shown in Step 3 above.

For 4th step select primary data source as I\_BillingDocument as shown in Step 4 above.

Steps 5, 6 & 7 are not required as it is single data source

Repeat step 8 by selecting required fields in Elements tab as shown in below table

Key	Alias	Path	Label
ON	BillingDocument	I_BillingDocument.BillingDocument	Billing Document

Repeat step 9 by publishing CDS View

## Creation of CDS View Billing Document Type (YY1\_BillingTypes)

**Package Name:** SAP S/4HANA Cloud for Sales

**Label:** BillingDocumentType

**Name:** YY1\_BillingTypes

Repeat step 1 to 2 as mentioned above in YY1\_BillingDocument CDS.

For 3<sup>rd</sup> step select **External API** option from dropdown while creating the CDS view, as shown in Step 3 above.

For 4<sup>th</sup> step select primary data source as I\_BillingDocumentTypeText as shown in Step 4 above.

Steps 5, 6 & 7 are not required as it is single data source

Repeat step 8 by selecting required fields in Elements tab as shown in below table

Key	Alias	Path	Label
ON	BillingDocumentType	I_BillingDocumentTypeText.BillingDocumentType	Billing Type
ON	Language	I_BillingDocumentTypeText.Language	Language Key
OFF	BillingDocumentTypeName	I_BillingDocumentTypeText.BillingDocumentTypeName	Description

Repeat step 9 by publishing CDS View

## Creation of CDS View Sold to Party (YY1\_Soldtoparty)

**Package Name:** SAP S/4HANA Cloud for Database and Data Management

**Label:** Soldtoparty

**Name:** YY1\_Soldtoparty

Repeat step 1 to 2 as mentioned above in YY1\_BillingDocument CDS

For 3<sup>rd</sup> step select **External API** option from dropdown while creating the CDS view, as shown in Step 3 above.

For 4<sup>th</sup> step select primary data source as I\_CustSalesPartnerFunc as shown in Step 4 above.

Steps 5, 6 & 7 are not required as it is single data source

Repeat step 8 by selecting required fields in Elements tab as shown in below table

Key	Alias	Path	Label
ON	Customer	I_CustSalesPartnerFunc.Customer	Customer
ON	SalesOrganization	I_CustSalesPartnerFunc.SalesOrganization	Sales Organization
ON	DistributionChannel	I_CustSalesPartnerFunc.DistributionChannel	Distribution Channel
ON	Division	I_CustSalesPartnerFunc.Division	Division
ON	PartnerCounter	I_CustSalesPartnerFunc.PartnerCounter	Partner counter
ON	PartnerFunction	I_CustSalesPartnerFunc.PartnerFunction	Partner Function
OFF	CustomerName	I_CustSalesPartnerFunc._Customer.CustomerName	Name of Customer
OFF	CustomerFullName	I_CustSalesPartnerFunc._Customer.CustomerFullName	Customer Name

Repeat step 9 by publishing CDS View

## Creation of CDS View Payer (YY1\_Payer)

**Package Name:** SAP S/4HANA Cloud for Database and Data Management

**Label:** Payer

**Name:** YY1\_Payer

Repeat step 1 to 2 as mentioned above in YY1\_BillingDocument CDS

For 3<sup>rd</sup> step select **External API** option from dropdown while creating the CDS view, as shown in Step 3 above.

For 4th step select primary data source as I\_CustSalesPartnerFunc as shown in Step 4 above.

Steps 5, 6 & 7 are not required as it is single data source

Repeat step 8 by selecting required fields in Elements tab as shown in below table

Key	Alias	Path	Label
ON	Customer	I_CustSalesPartnerFunc.Customer	Customer
ON	SalesOrganization	I_CustSalesPartnerFunc.SalesOrganization	Sales Organization
ON	DistributionChannel	I_CustSalesPartnerFunc.DistributionChannel	Distribution Channel
ON	Division	I_CustSalesPartnerFunc.Division	Division
ON	PartnerCounter	I_CustSalesPartnerFunc.PartnerCounter	Partner counter
ON	PartnerFunction	I_CustSalesPartnerFunc.PartnerFunction	Partner Function
OFF	CustomerName	I_CustSalesPartnerFunc._Customer.CustomerName	Name of Customer
OFF	CustomerFullName	I_CustSalesPartnerFunc._Customer.CustomerFullName	Customer Name

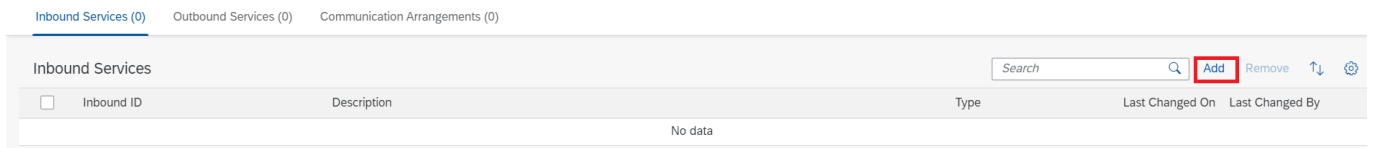
Repeat step 9 by publishing CDS View

## Creation of Custom Communication Scenario

1. Login to SAP S/4HANA cloud Fiori Launchpad with required credentials.
2. Go to **Extensibility** in toolbar and click **Custom Communication Scenarios** tile.
3. Click on New button which opens pop-up window. Provide communication scenario ID as Billing Document and description as Billing Document.

The screenshot displays the SAP Fiori Launchpad interface for 'Custom Communication Scenarios'. At the top, there are search and filter fields for 'Communication Scenario ID', 'Description', and 'Status'. Below these is a table listing 28 existing scenarios, including 'YY1\_ASSET', 'YY1\_ASSETTEST', 'YY1\_BILLINGDOCUMENT', 'YY1\_COMPANYCODE', 'YY1\_COMPCURRENCY', 'YY1\_CUSTOMEREMAIL', and 'YY1\_CUSTOMER\_COMPAN'. A red box highlights the 'New' button in the top right corner of the table. A modal window titled 'New Communication Scenario' is open in the foreground, containing two input fields: 'Communication Scenario ID' (with 'YY1\_' entered) and 'Description'. A red box highlights the 'New' button at the bottom right of this modal window.

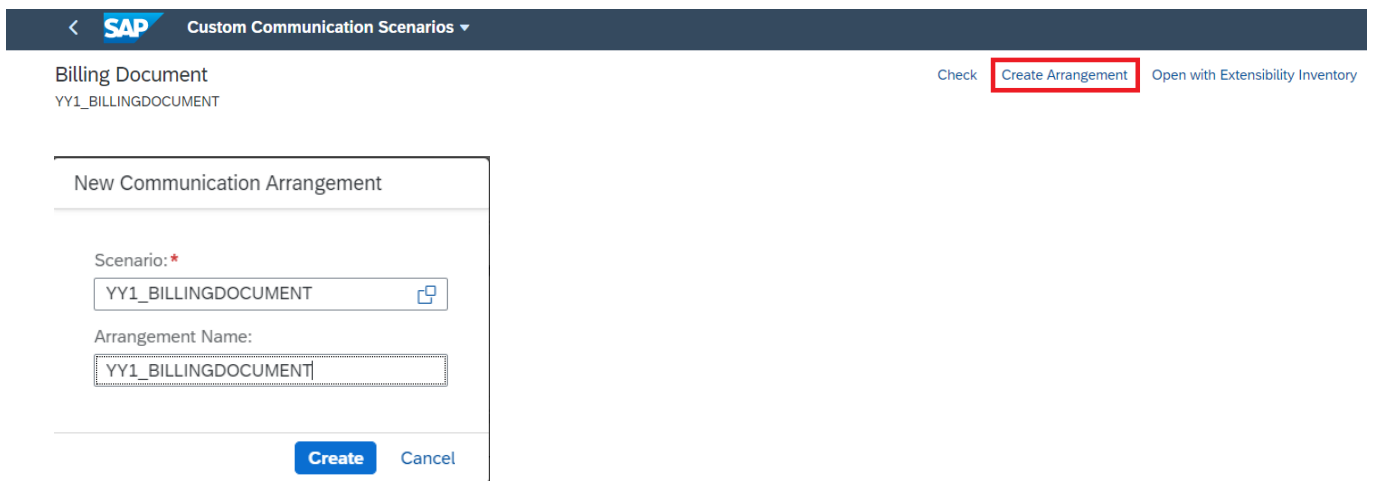
- Click on Add button in Inbound services and select required CDS **YY1\_BILLINGDOCUMENTVH\_CDS, YY1\_BILLINGTYPES\_CDS, YY1\_INVOICEDOCUMENT\_CDS, YY1\_PAYER\_CDS and YY1\_SOLDTOPARTY\_CDS** from Add services pop-up and click on OK button.



- Click on Publish button present on Footer, it will enable the Create Arrangement button after successful publish.



- Click on Create Arrangement button, it will navigate to new Fiori app Communication arrangement by open pop-up new communication arrangement. Click on Create button.



- Enter Communication system and Username created in SAP S/4HANA system. Refer here to know how to create [Communication user](#) and [Communication System](#)
- Save the Communication Arrangement and status should change to Active. For more details, refer here how to create [Communication Arrangement](#)