



S4CN

Implementing e-Invoicing with SAP Document and Reporting Compliance – Electronic Documents

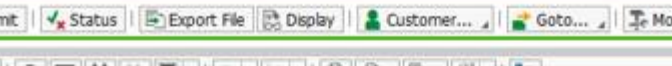
Renan Correa

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Outputs

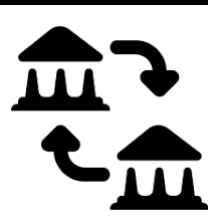
<p>Contract No 010000</p> <p>Contract/Contracting 1 0101 Contract</p>	<p>Contract Name</p> <p>Region/Project</p> <p>Province</p> <p>Date</p> <p>Reference Number</p> <p>Order</p> <p>Contractor Name</p> <p>Trade</p> <p>Project Location</p> <p>Date</p> <p>Contractor Address</p> <p>Phone Number</p> <p>Contract Number</p>
<p>Conditions</p> <p>Form of payment</p> <p>Technical & Survey</p> <p>Design & Estimate</p> <p>Unit weight</p> <p>Access weight</p>	<p>Up to 24.64.2010 you receive 2.000 % discount</p> <p>Up to 30.04.2010 you receive 2.000 % discount</p> <p>Up to 30.05.2010 without discount</p> <p>1 000 000</p> <p>1 000 000</p>
<p>Item</p> <p>No</p> <p>Material</p> <p>Unit</p> <p>Quantity</p>	<p>Item/Item</p> <p>101 100</p> <p>101 100</p> <p>100</p> <p>100</p>

Human Readable Form



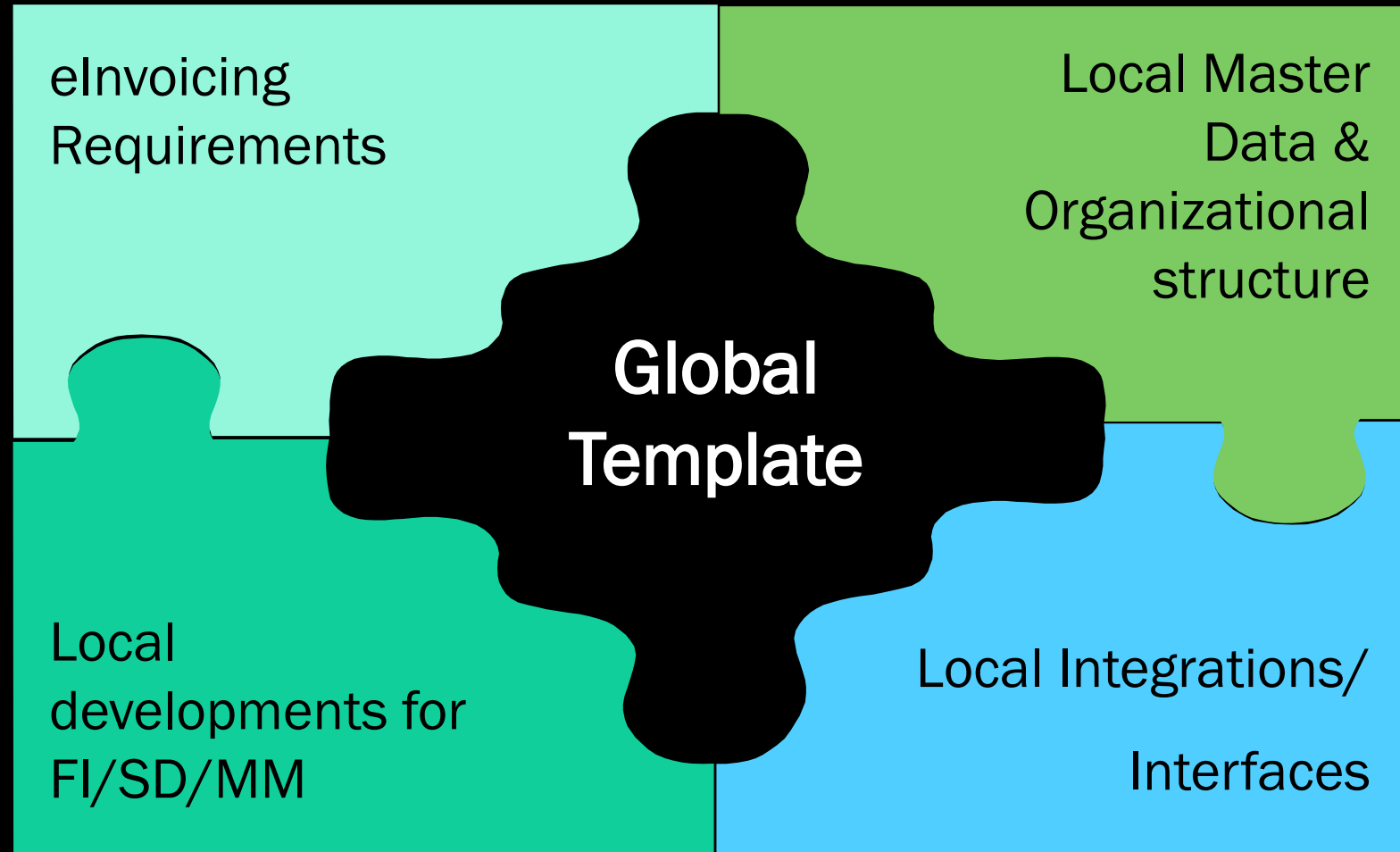
The screenshot shows the SAP Fiori 'Chile DTE' application. At the top, there is a navigation bar with buttons: Submit, Status, Export File, Display, Customer..., Goto..., and More... Below this is a toolbar with various icons for document actions. The main content area displays a table titled 'Chile DTE' with the following columns: Status, Proc. Status, Status Descr., Error eDocument Source Key, Source Description, and CoCod. The table contains six rows of data, each with a status icon (green square, yellow triangle, or orange triangle) in the 'Status' column.

Status	Proc. Status	Status Descr.	Error eDocument Source Key	Source Description	CoCod
Green Square		Transfer File Generated	0090049527	Billing Document	CL10
Yellow Triangle		Created	008004701449000592582020	Goods Issue Posting	CL10
Green Square		Transfer File Generated	0090049528	Billing Document	CL10
Yellow Triangle		Created	008004701749000592602020	Goods Issue Posting	CL10
Green Square		Approved by Customer	008004702049000592492020	Goods Issue Posting	CL10



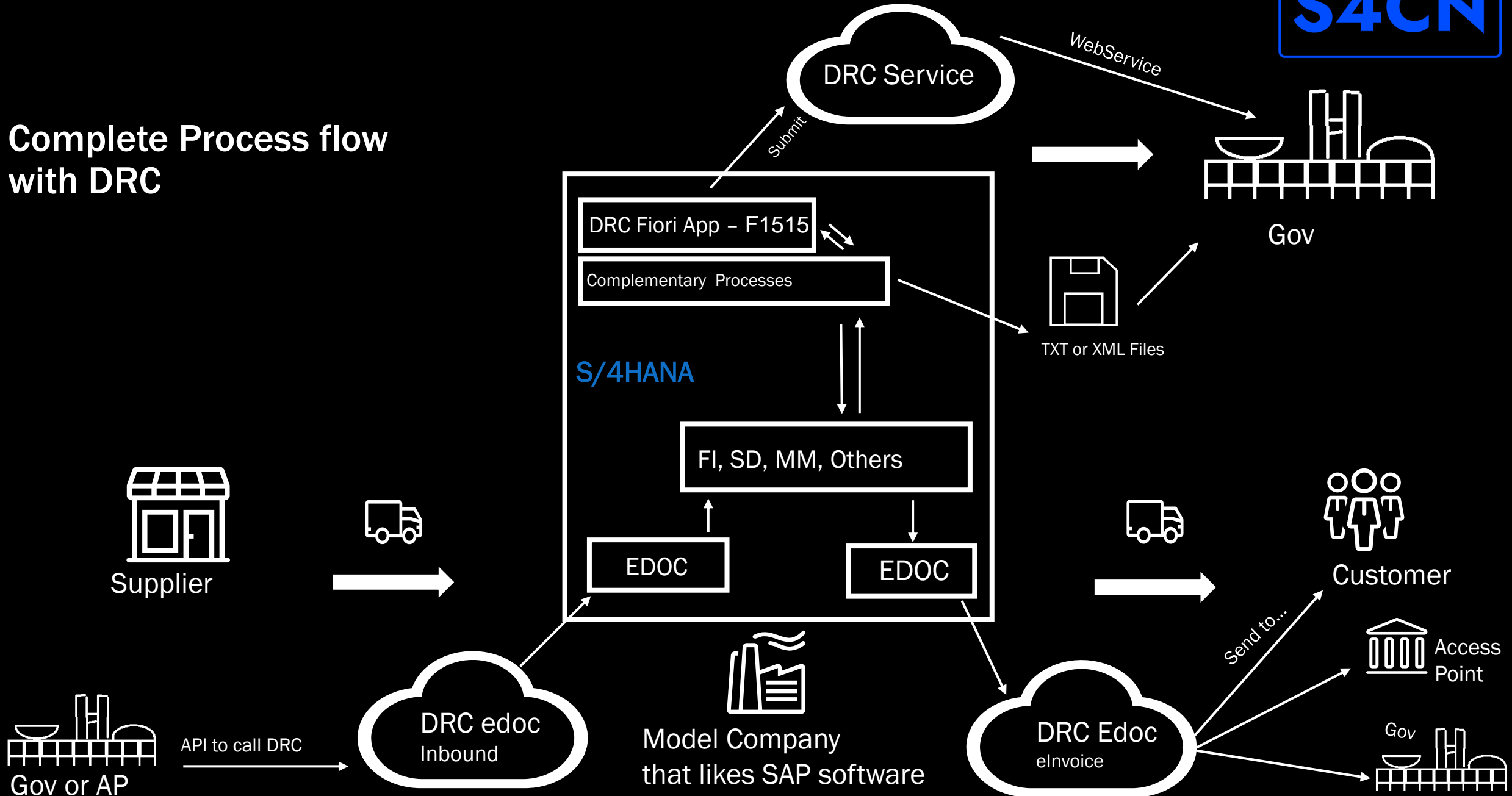
Images source: SAP (adapted)

eInvoicing Requirements in the middle of business processes



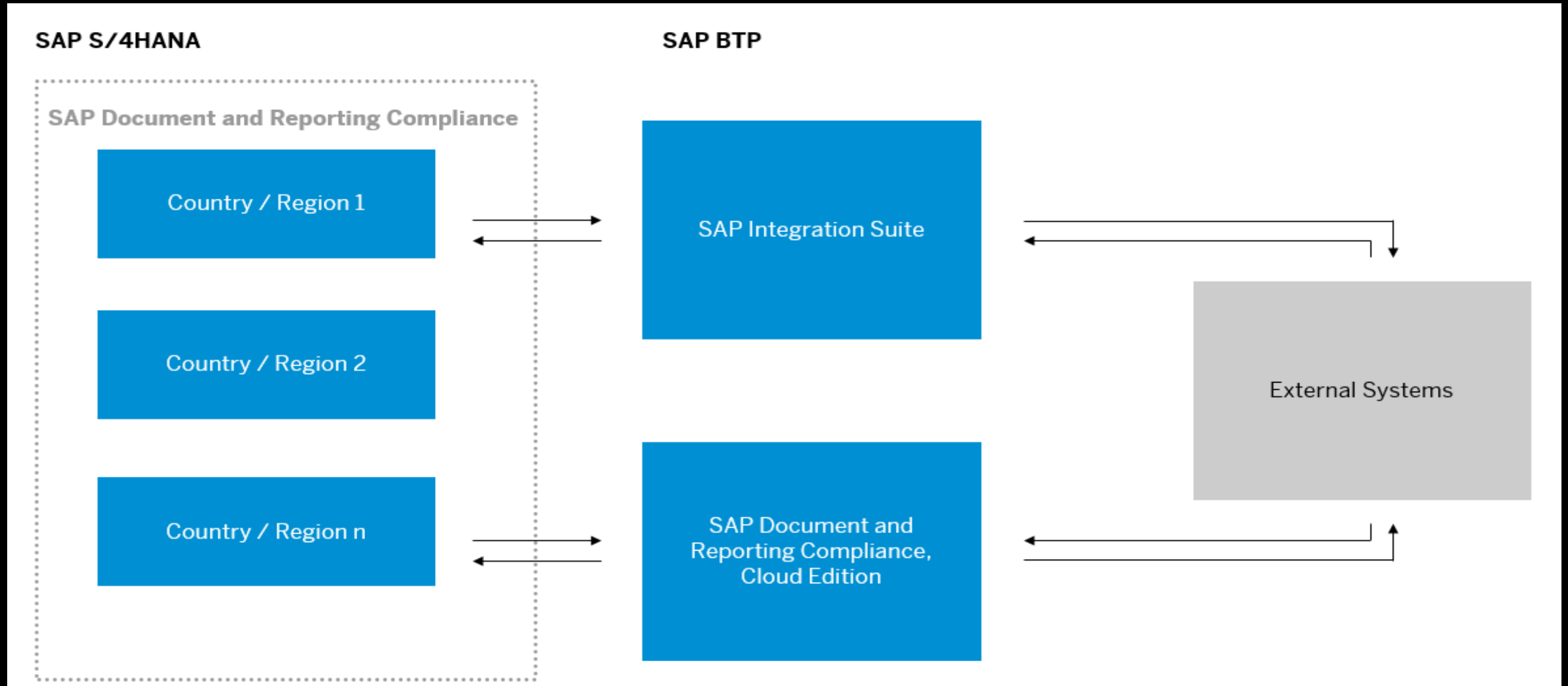
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Complete Process flow with DRC



Current possibilities - Electronic documents (DRC)

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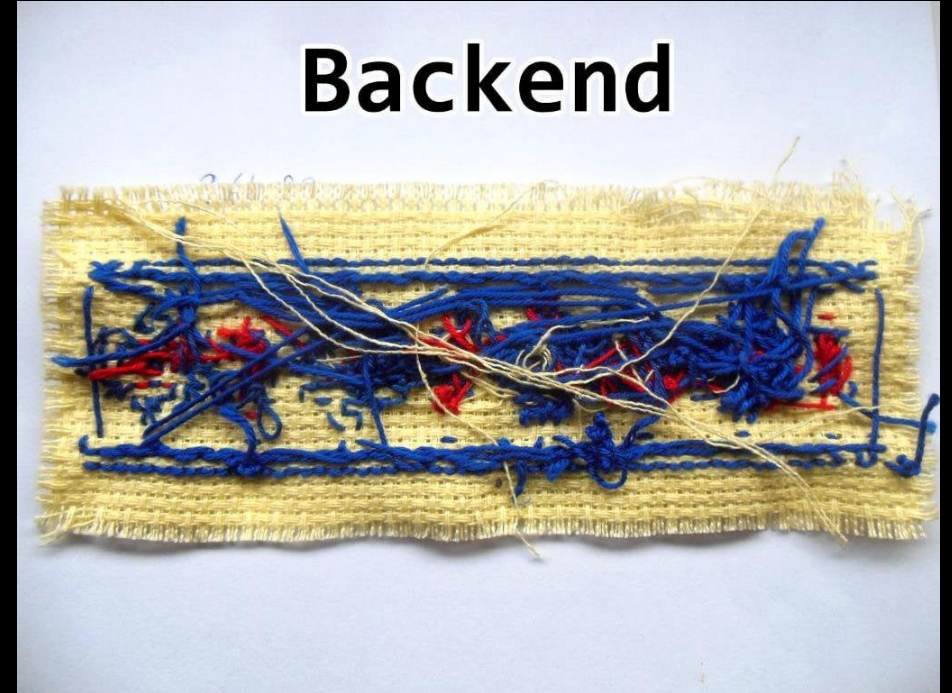
Frontend



Frontend

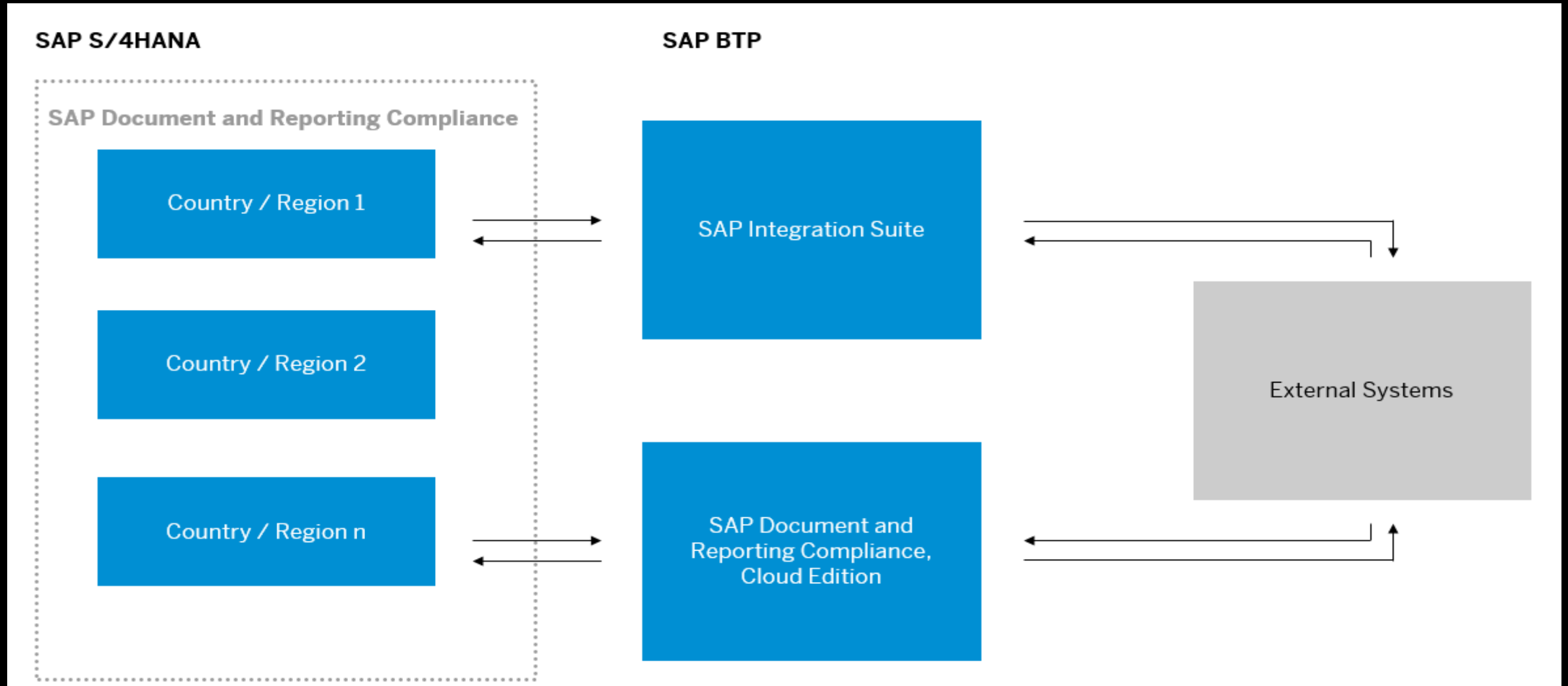


Backend

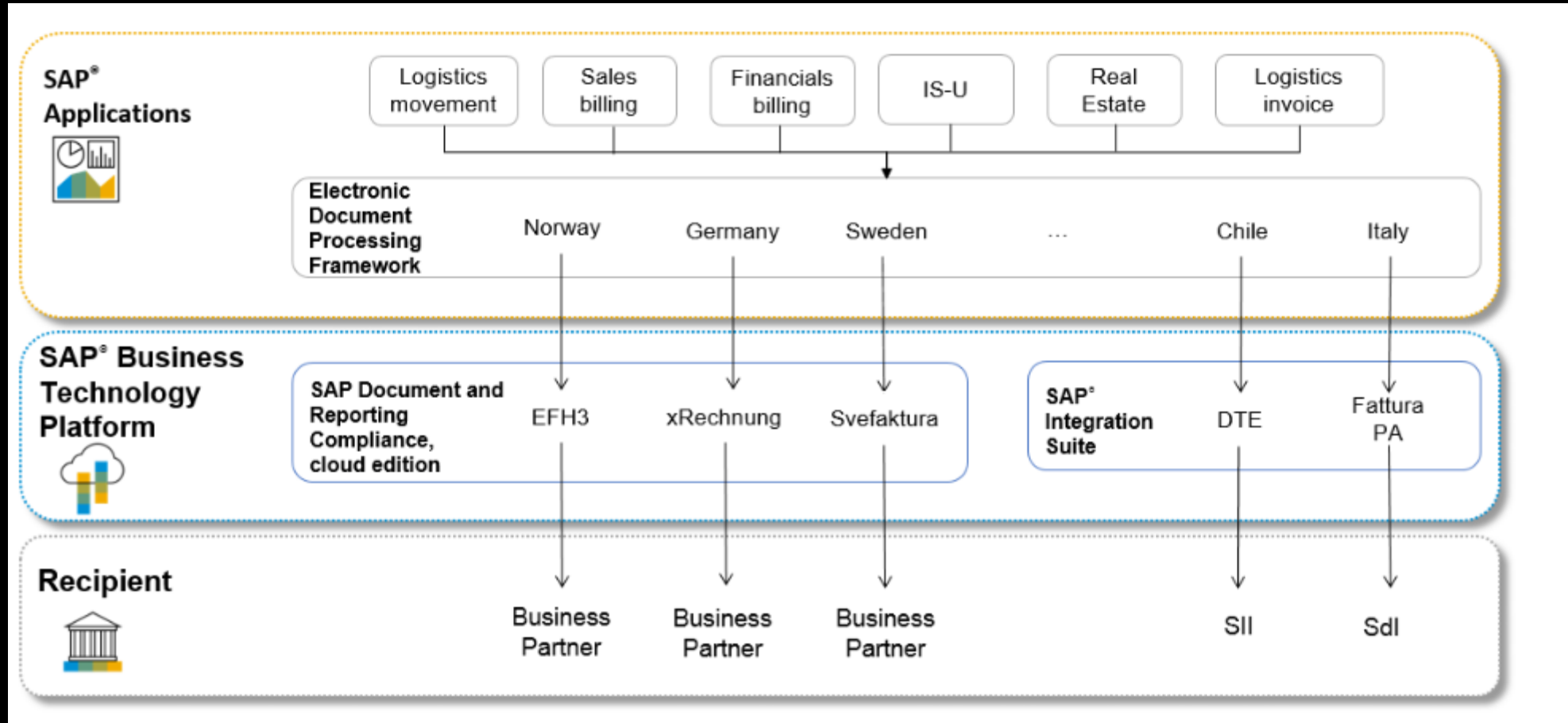


Current possibilities - Electronic documents (DRC)

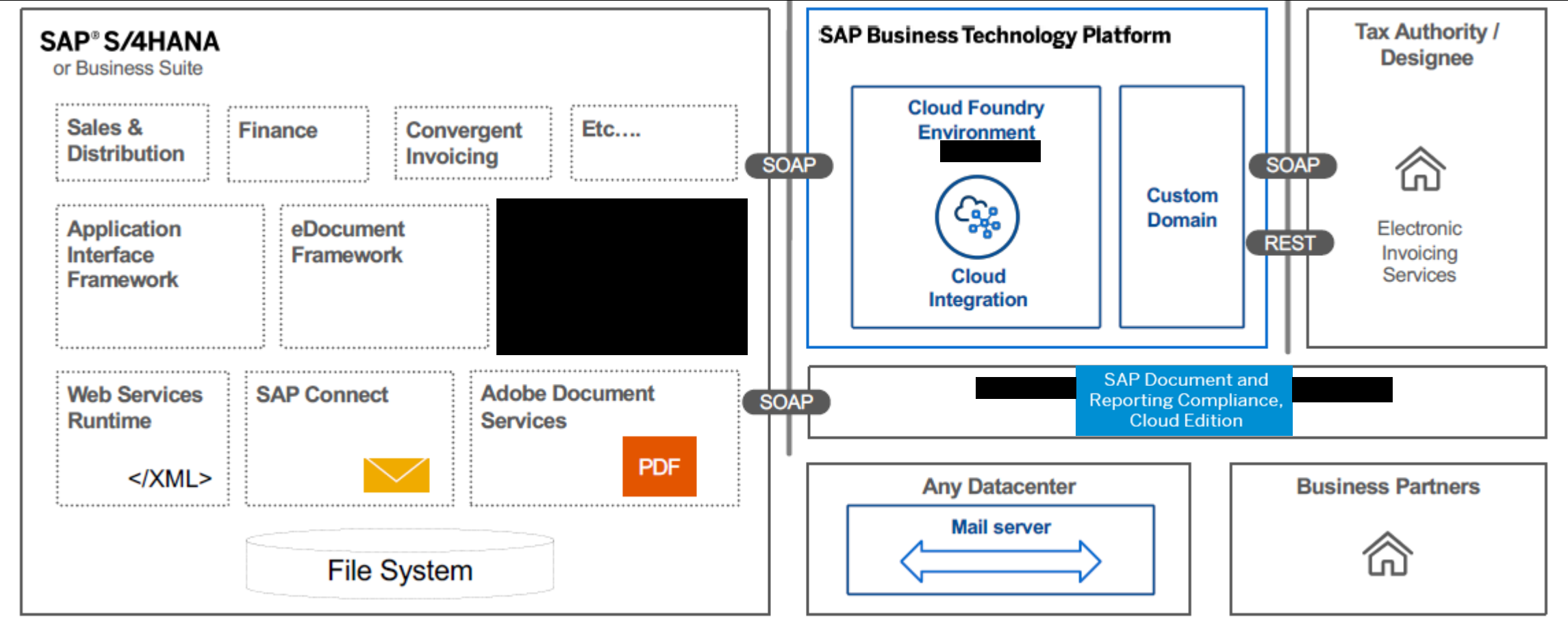
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A more detailed look at it...



A much more detailed look at it...



A consultant looking at the requirements



How does a normal DRC eInvoice project look like?

- SAP Notes and “Business Functions”
- BTP Settings
 - Onboarding/Sub-account/Integration
- ERP Configurations
 - RFC / Authentication
 - Functional Configuration (EDO* and Mappings)
 - Developments (EDOC_ADAPTOR)
 - Tests (End-to-End business processes)
 - Go-Live (Jobs and Cutover)

Business Function

[Help da SAP](#)

- Switch Framework: Change Business Function Status

Check

Discard Changes

Activate Changes

Switch Framework Browser

Display Legend

Business Function Set

	Description	Planned Status	Dep...	Doc...	Software Compon...	Rele...	Application Component
• LOG_LH_NFE	Business Function Cloud NF-e	Business func. will remain activated			S4CORE	103	FI-LOC-LO-BR
• LOG_LH_NFEIN	Business Function NF-e Inbound (Reversible)	<input checked="" type="checkbox"/>			S4CORE	104	CA-GTF-CSC-EDO-BR

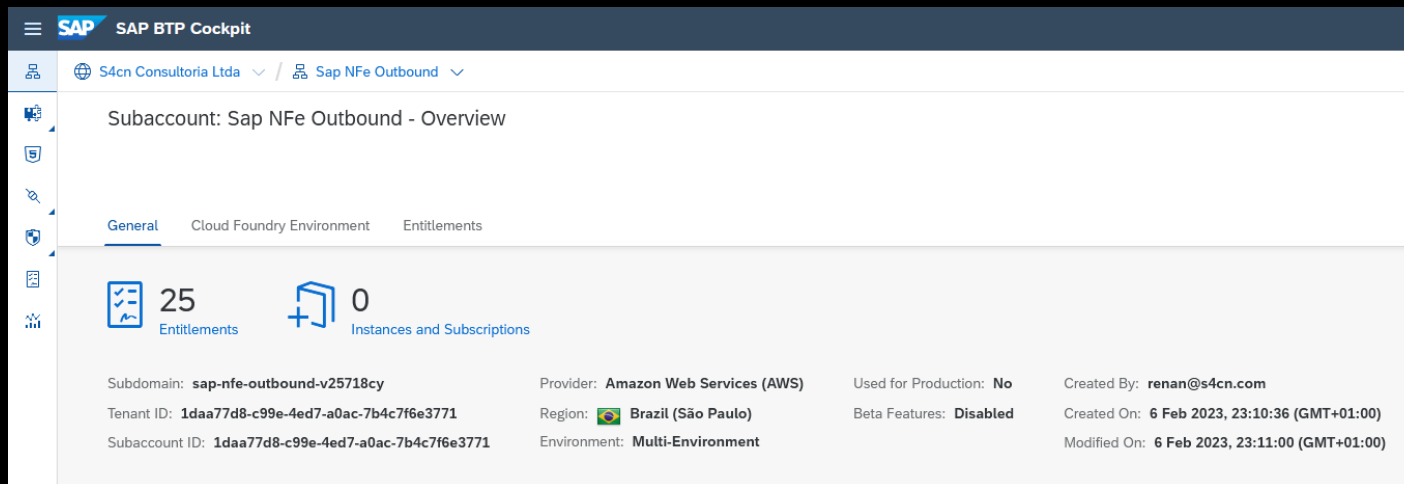
- BF's:
- GLO_DRC – DRC eDocuments and Reports
 - CA_EDOC – Only Edocuments
 - LOG_LH_NFE – Brazil Outgoing DRC
 - LOG_LH_NFEIN – Brazil Incoming DRC

Dica

A bit of attenttion is always recommended...

BTP Setup

- Onboarding in BTP
- Create sub-account for DEV/PROD, activate Cloud Foundry
- Deploy iFlows



SAP BTP Cockpit

S4cn Consultoria Ltda / Sap NFe Outbound

Subaccount: Sap NFe Outbound - Overview

General | Cloud Foundry Environment | Entitlements

25 Entitlements | 0 Instances and Subscriptions

Subdomain: sap-nfe-outbound-v25718cy	Provider: Amazon Web Services (AWS)	Used for Production: No	Created By: renan@s4cn.com
Tenant ID: 1daa77d8-c99e-4ed7-a0ac-7b4c7f6e3771	Region: Brazil (São Paulo)	Beta Features: Disabled	Created On: 6 Feb 2023, 23:10:36 (GMT+01:00)
Subaccount ID: 1daa77d8-c99e-4ed7-a0ac-7b4c7f6e3771	Environment: Multi-Environment		Modified On: 6 Feb 2023, 23:11:00 (GMT+01:00)

Dica

BTP Admin and Integration Experts are needed...

eDocument Cockpit



Source Document

Variant

Show Recent eDocuments

Result Overview

Submit

Status

Export File

Display

Customer...

Goto...

More...

Help

Chile DTE

Status	Proc.	Status Descr.	Error	eDocument Source Key	Source Description	CoCode	Type	Des	Creation Date	Created on	Created By	Posting Date	Intf.	File	DTE Type	Folio No.	Customer	eDoc Type
Created		Transfer File Generated		0090049527	Billing Document	CL10	Chile	DTE	12.05.2020	13:33:11	PARAEKATTIL	12.05.2020			33	2191	CLIENTE_CL	
Created		Transfer File Generated		008004701449000592582020	Goods Issue Posting	CL10	Chile	DTE	12.05.2020	14:28:52	PARAEKATTIL	12.05.2020			52		CLIENTE_CL	
Created		Transfer File Generated		0090049528	Billing Document	CL10	Chile	DTE	12.05.2020	14:29:36	PARAEKATTIL	12.05.2020			33	2192	CLIENTE_CL	
Created		Transfer File Generated		008004701749000592602020	Goods Issue Posting	CL10	Chile	DTE	12.05.2020	16:16:30	KNAV	12.05.2020			52		CLIENTE_CL	
Approved by Customer		Transfer File Generated		008004702049000592492020	Goods Issue Posting	CL10	Chile	DTE	12.05.2020	19:16:15	BIANCALANA	12.05.2020			52		CLIENTE_CL	
Cancelled		Transfer File Generated		008004701249000592292020	Goods Issue Posting	CL10	Chile	DTE	12.05.2020	11:58:27	PINNAMRAJU	12.05.2020			52		CLIENTE_CL	
Created		Transfer File Generated		0090049529	Billing Document	CL10	Chile	DTE	12.05.2020	19:16:32	BIANCALANA	12.05.2020			33	2193	CLIENTE_CL	
Sending Requested		Transfer File Generated		008004703249000592712020	Goods Issue Posting	CL10	Chile	DTE	13.05.2020	18:33:44	KNAV	13.05.2020			52		CLIENTE_CL	
Transfer File Generated		Transfer File Generated		0090049548	Billing Document	CL10	Chile	DTE	19.05.2020	22:15:38	BIANCHIN	19.05.2020			33	2194	CLIENTE_CL	
Transfer File Generated		Transfer File Generated		0090049609	Billing Document	CL10	Chile	DTE	28.05.2020	15:28:52	KNAV	28.05.2020			33	2199	CLIENTE_CL	
Transfer File Generated		Transfer File Generated		0090049608	Billing Document	CL10	Chile	DTE	28.05.2020	14:50:47	KNAV	28.05.2020			33	2197	CLIENTE_CL	
Cancelled		Transfer File Generated		0090049610	Billing Document	CL10	Chile	DTE	28.05.2020	19:29:20	KNAV	28.05.2020			33	2200	CLIENTE_CL	
Transfer File Generated		Transfer File Generated		0090049631	Billing Document	CL10	Chile	DTE	02.06.2020	15:37:05	PERUMALY	02.06.2020			33	2196	CLIENTE_CL	
Transfer File Generated		Transfer File Generated		0090049630	Billing Document	CL10	Chile	DTE	02.06.2020	15:17:02	PERUMALY	02.06.2020			33	2195	CLIENTE_CL	
Transfer File Generated		Transfer File Generated		0090049711	Billing Document	CL10	Chile	DTE	12.06.2020	15:45:34	KNAV	12.06.2020			33	2198	CLIENTE_CL	
Rejected by SII		Transfer File Generated		008004718049000594452020	Goods Issue Posting	CL10	Chile	DTE	23.06.2020	13:43:37	UNSER	23.06.2020			52	5162	CLIENTE_CL	
Sending to SII Acknowledged		Transfer File Generated		008004717849000594432020	Goods Issue Posting	CL10	Chile	DTE	23.06.2020	13:43:37	UNSER	23.06.2020			52	5164	CLIENTE_CL	
Created		Transfer File Generated		008004717949000594442020	Goods Issue Posting	CL10	Chile	DTE	23.06.2020	13:43:37	UNSER	23.06.2020			52		CLIENTE_CL	
Rejected by SII		Transfer File Generated		008004717649000594412020	Goods Issue Posting	CL10	Chile	DTE	23.06.2020	13:42:25	UNSER	23.06.2020			52	5160	CLIENTE_CL	
Rejected by SII		Transfer File Generated		008004717749000594422020	Goods Issue Posting	CL10	Chile	DTE	23.06.2020	13:43:37	UNSER	23.06.2020			52	5161	CLIENTE_CL	
Created		Transfer File Generated		0000001866	Shipment	CL10	Chile	DTE	23.07.2020	23:28:38	KNAV	23.07.2020			52			
Cancelled		Transfer File Generated		0090049873	Billing Document	CL10	Chile	DTE	24.07.2020	16:53:06	PERUMALY	24.07.2020			33		CLIENTE_CL	
Cancelled		Transfer File Generated		0090049874	Billing Document	CL10	Chile	DTE	24.07.2020	17:07:39	PERUMALY	24.07.2020			33		CLIENTE_CL	
Cancelled		Transfer File Generated		008004732149000595882020	Goods Issue Posting	CL10	Chile	DTE	30.07.2020	17:09:40	GALICIA	30.07.2020			52	5163	CLIENTE_CL	
Sending to SII Acknowledged		Transfer File Generated		CL1015000001482020	Accounting Document	CL10	Chile	DTE	03.09.2020	12:53:57	PINNAMRAJU	03.09.2020			43	1	CLIENTE_CL	
Sending to SII Acknowledged		Transfer File Generated		CL1015000001492020	Accounting Document	CL10	Chile	DTE	07.09.2020	14:48:06	PINNAMRAJU	07.09.2020			43	2	CLIENTE_CL	
Approved by Customer (Reconc.)		Transfer File Generated		CL1016000000692020	Accounting Document	CL10	Chile	DTE	07.09.2020	14:54:20	PINNAMRAJU	07.09.2020			61	47	CLIENTE_CL	
Approved by Customer (Reconc.)		Transfer File Generated		CL1016000000702020	Accounting Document	CL10	Chile	DTE	07.09.2020	14:57:37	PINNAMRAJU	07.09.2020			61	48	CLIENTE_CL	
Created		Transfer File Generated		CL1016000000712020	Accounting Document	CL10	Chile	DTE	08.09.2020	09:31:11	PINNAMRAJU	08.09.2020			112		CLIENTE_US	
Cancelled		Transfer File Generated		CL1015000001502020	Accounting Document	CL10	Chile	DTE	30.09.2020	15:14:49	PERUMALY	03.09.2020			43	3	CLIENTE_CL	
Not Received by SII		Transfer File Generated		0090050258	Billing Document	CL10	Chile	DTE	30.09.2020	15:39:28	PERUMALY	30.09.2020			33	2202	CLIENTE_CL	
Sending to SII Acknowledged		Transfer File Generated		CL1015000001512020	Accounting Document	CL10	Chile	DTE	09.10.2020	02:05:19	MISHRAPR	03.09.2020			43	1	CLIENTE_CL	
Transfer File Generated		Transfer File Generated		0090050338	Billing Document	CL10	Chile	DTE	09.10.2020	07:35:34	PINNAMRAJU	09.10.2020			33	2203	CLIENTE_CL	
Not Received by SII		Transfer File Generated		CL1015000001522020	Accounting Document	CL10	Chile	DTE	14.10.2020	23:15:37	MISHRAPR	03.09.2020			43	2	CLIENTE_CL	
Created		Transfer File Generated		008004779349000600572020	Goods Issue Posting	CL10	Chile	DTE	22.10.2020	18:34:46	KNAV	22.10.2020			52		CLIENTE_CL	
Cancelled		Transfer File Generated		0090050535	Billing Document	CL10	Chile	DTE	22.10.2020	18:34:53	KNAV	22.10.2020			33	2204	CLIENTE_CL	
Approved by Customer (Reconc.)		Transfer File Generated		0090050537	Billing Document	CL10	Chile	DTE	22.10.2020	18:37:34	KNAV	22.10.2020			33	2205	CLIENTE_CL	

Actions dynamically determined for the Compliance process

Extensibility options

Global eInvoice Processes

Status monitoring

Quick Access to eInvoice Content

Images source: SAP (adapted)

eDoc Process Manager

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Display View "Process": Overview

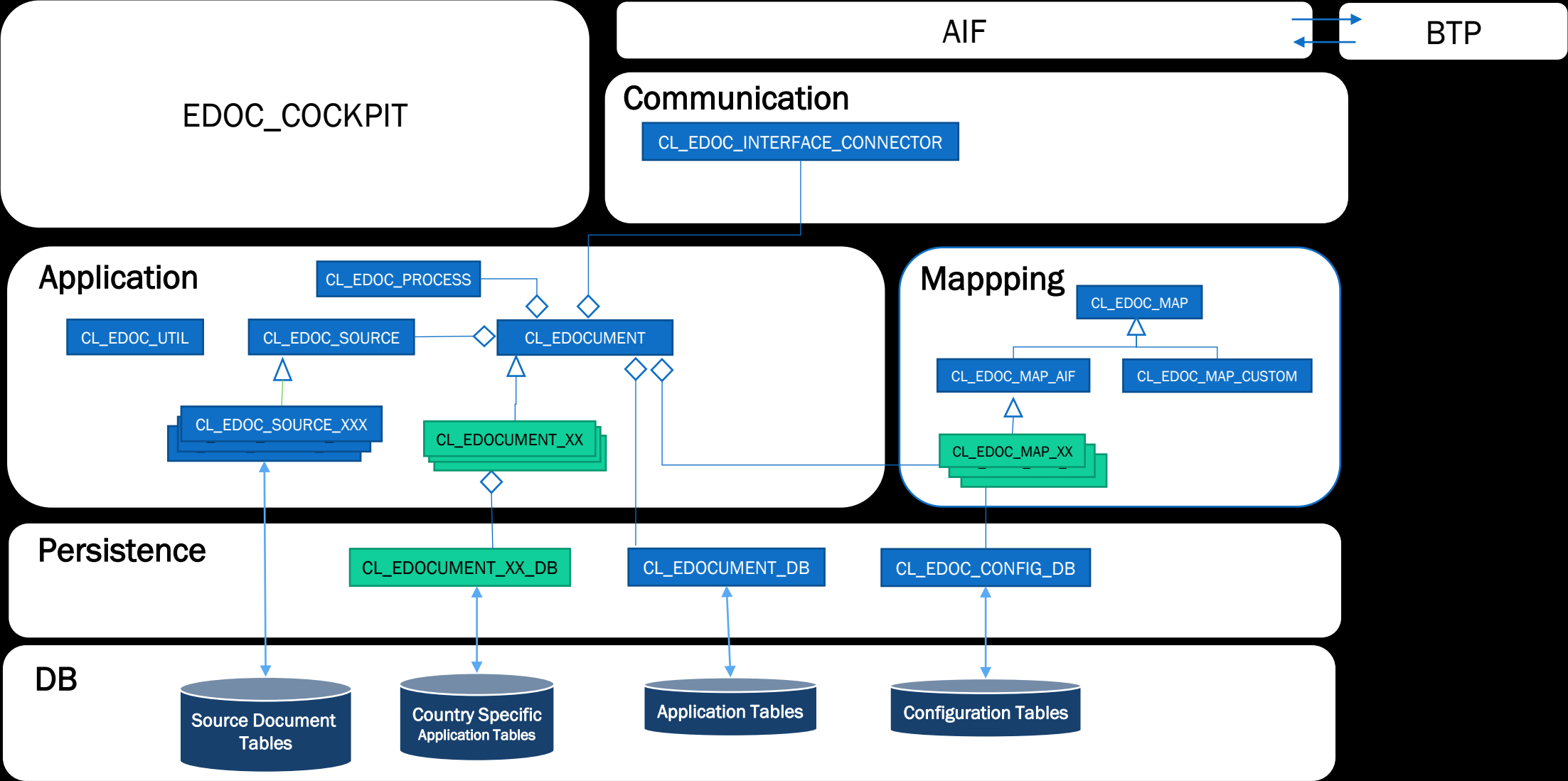
Icons:

Dialog Structure

- Process
 - Process Step
 - Process Version
 - Process Step Variant
 - Process Step Result
 - Status Flag Name
 - Status Flag Position
 - Status Flag Check
 - Status Flag Change
 - Actions incl. Variants
 - Process Steps execut
 - Process Status for Pr
 - Process Status Deter
- eDocument Action
- Process Status for eDoc

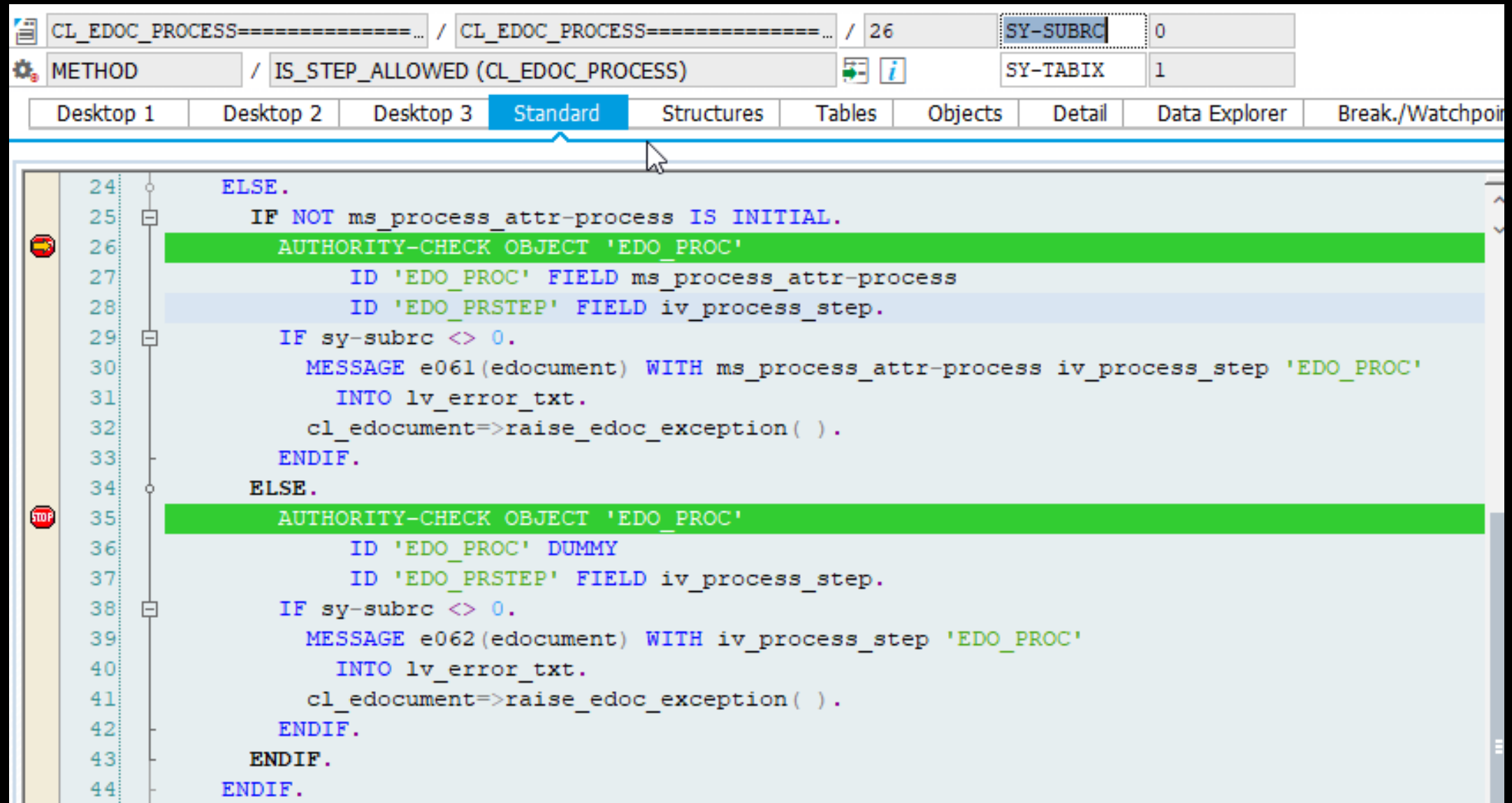
Process					Process Step			
eDoc. Process	Process Description	Ref. Proc.	Service		eDoc. Process	Process Step	ProcStep Description	Class
ATINV	Austria EU eInvoice	EUINV	<input type="checkbox"/>		EUINV			
ATINVIN	Austria Incoming eInvoice	EUINVIN	<input type="checkbox"/>		EUINV	CANCEL	Cancel eDocument	CL_EDOCUMENT_EU
AUINV	Australia eInvoice	EUINV	<input checked="" type="checkbox"/>		EUINV	CREATE	Create eDocument	CL_EDOCUMENT_EU
AUINVIN	Australia Incoming eInvoice	EUINVIN	<input checked="" type="checkbox"/>		EUINV	DELETE	Delete eDocument	CL_EDOCUMENT_EU
BASIC	eInvoice (Basic)		<input type="checkbox"/>		EUINV	DISPL_HTML	Process HTML Display	CL_EDOCUMENT_EU
BEINV	Belgium EU eInvoice	EUINV	<input type="checkbox"/>		EUINV	DOWNLOAD	Download XML	CL_EDOCUMENT_EU
BEINVIN	Belgium Incoming eInvoice	EUINVIN	<input type="checkbox"/>		EUINV	GET_MDN_R	Get MDN Response	CL_EDOCUMENT_EU
BRBASIC	Brazil Basic Process		<input type="checkbox"/>		EUINV	PROC_HTML	Process HTML Preview Response	CL_EDOCUMENT_EU
BRCANCEL	Brazil Cancellation Process		<input type="checkbox"/>		EUINV	PROC_MLR	Process Message Level Response	CL_EDOCUMENT_EU
BRCONSIGGR	Brazil Csgmt Goods Receipt		<input checked="" type="checkbox"/>		EUINV	PROC_RESP	Process Access Point Response	CL_EDOCUMENT_EU
BRCONSIGIV	Brazil Csgmt Invoice Rec.		<input checked="" type="checkbox"/>		EUINV	REJECT	Reject eDocument Manually	CL_EDOCUMENT_EU
BRCTEBASIC	Brazil CT-e Basic Process		<input type="checkbox"/>		EUINV	REQ_SEND	Request Sending to AccessPoint	CL_EDOCUMENT_EU
BRCTECP	Brazil CT-e Cancellation		<input type="checkbox"/>		EUINV	RESTART	Restart	CL_EDOCUMENT_EU
BRCTEFLEX	Brazil CT-e Flex		<input type="checkbox"/>		EUINV	REVERSE	Reverse Source Document	
BRCTEOSBP	Brazil CT-e OS Basic Process	BRCTEBASIC	<input type="checkbox"/>		EUINV	SENDEDOC	Send to Interface	CL_EDOCUMENT_EU
BRCTEOSCP	Brazil CT-e OS Cancellation	BRCTECP	<input type="checkbox"/>		EUINV	TRIGG_SEND	Trigger the Sending of an eDoc	CL_EDOCUMENT_EU
BRCTEOSFL	Brazil CT-e OS Flex	BRCTEFLEX	<input type="checkbox"/>					
BRFUIDELGR	Brazil Fut. Del. Goods Receipt	BRCONSIGGR	<input checked="" type="checkbox"/>					
BRFUIDELIV	Brazil Fut. Del. Invoice Rec.	BRCONSIGIV	<input checked="" type="checkbox"/>					

eDocument Framework Architecture Summary



Checking the code...

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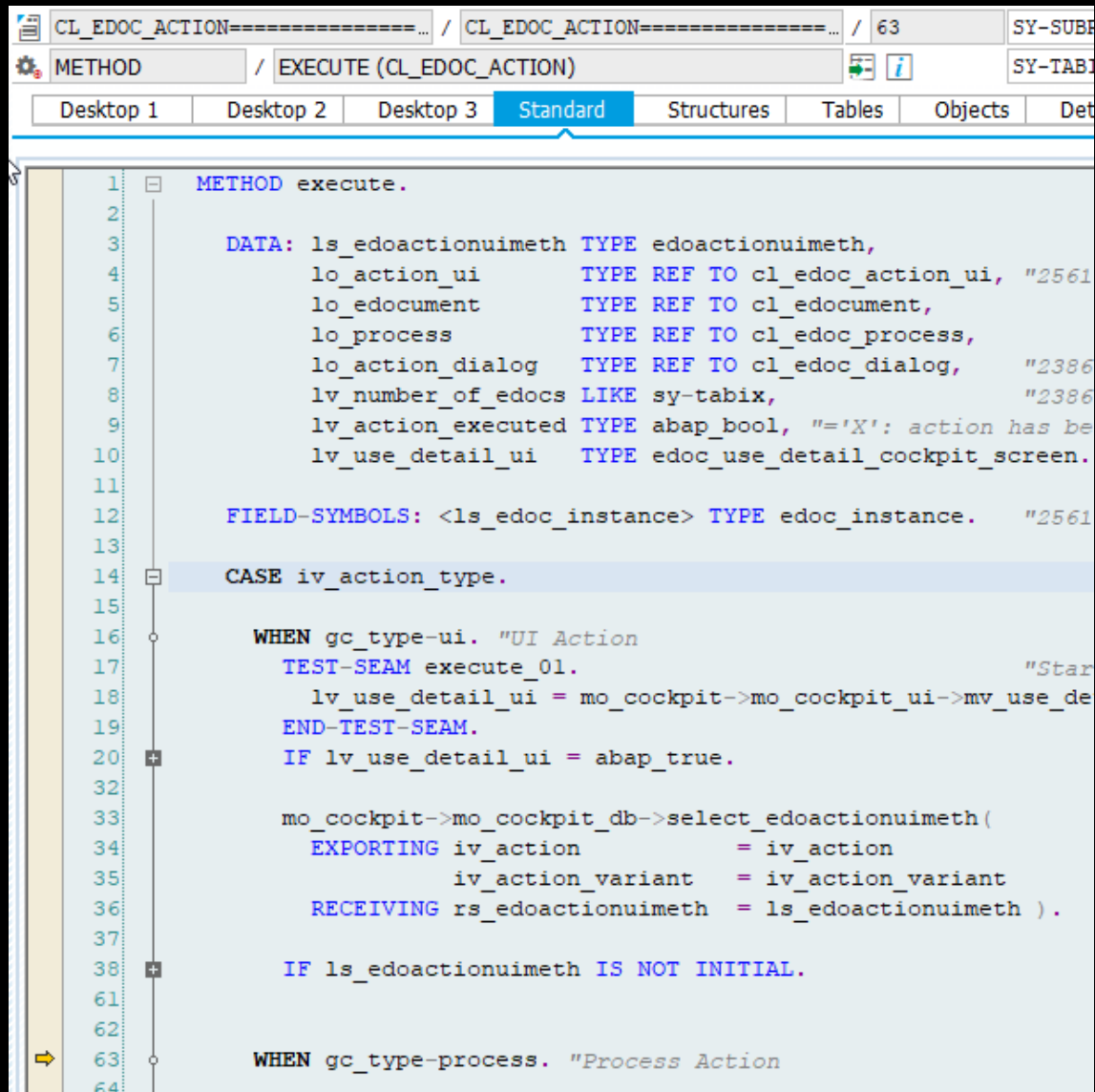


```
CL_EDOC_PROCESS=====... / CL_EDOC_PROCESS=====... / 26 SY-SUBRC 0
METHOD / IS_STEP_ALLOWED (CL_EDOC_PROCESS) SY-TABIX 1
Desktop 1 Desktop 2 Desktop 3 Standard Structures Tables Objects Detail Data Explorer Break./Watchpoint

24 ELSE.
25 IF NOT ms_process_attr-process IS INITIAL.
26 AUTHORITY-CHECK OBJECT 'EDO_PROC'
27 ID 'EDO_PROC' FIELD ms_process_attr-process
28 ID 'EDO_PRSTEP' FIELD iv_process_step.
29 IF sy-subrc <> 0.
30 MESSAGE e061(edocument) WITH ms_process_attr-process iv_process_step 'EDO_PROC'
31 INTO lv_error_txt.
32 cl_edocument=>raise_edoc_exception( ).
33 ENDIF.
34 ELSE.
35 AUTHORITY-CHECK OBJECT 'EDO_PROC'
36 ID 'EDO_PROC' DUMMY
37 ID 'EDO_PRSTEP' FIELD iv_process_step.
38 IF sy-subrc <> 0.
39 MESSAGE e062(edocument) WITH iv_process_step 'EDO_PROC'
40 INTO lv_error_txt.
41 cl_edocument=>raise_edoc_exception( ).
42 ENDIF.
43 ENDIF.
44 ENDIF.
```

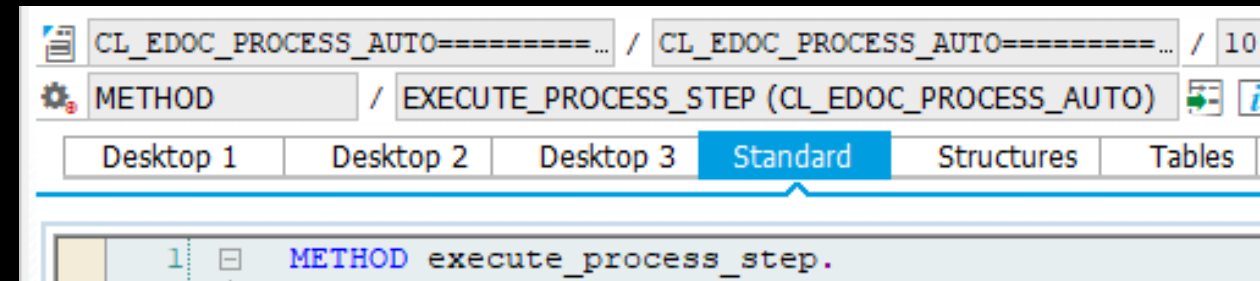

Checking the code...

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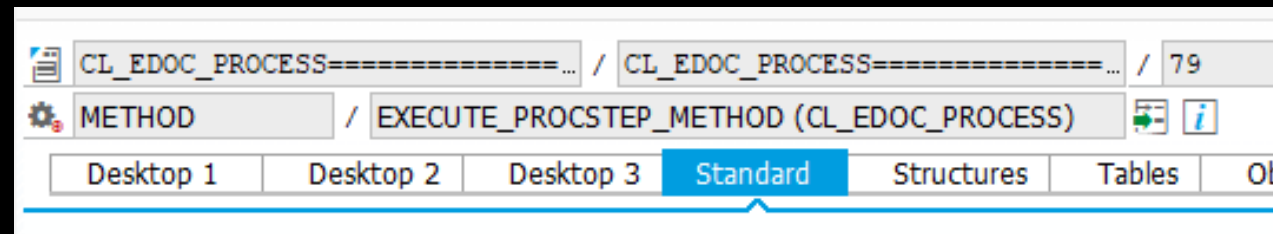
CL_EDOC_ACTION=====... / CL_EDOC_ACTION=====... / 63 SY-SUBP
METHOD / EXECUTE (CL_EDOC_ACTION) SY-TAB
Desktop 1 Desktop 2 Desktop 3 Standard Structures Tables Objects Det

```
1 METHOD execute.  
2  
3 DATA: ls_edoactionuimeth TYPE edoactionuimeth,  
4       lo_action_ui       TYPE REF TO cl_edoc_action_ui, "2561  
5       lo_edocument      TYPE REF TO cl_edocument,  
6       lo_process         TYPE REF TO cl_edoc_process,  
7       lo_action_dialog   TYPE REF TO cl_edoc_dialog, "2386  
8       lv_number_of_edocs LIKE sy-tabix, "2386  
9       lv_action_executed TYPE abap_bool, "'X': action has be  
10      lv_use_detail_ui    TYPE edoc_use_detail_cockpit_screen.  
11  
12 FIELD-SYMBOLS: <ls_edoc_instance> TYPE edoc_instance. "2561  
13  
14 CASE iv_action_type.  
15  
16 WHEN gc_type-ui. "UI Action  
17     TEST-SEAM execute_01. "Star  
18     lv_use_detail_ui = mo_cockpit->mo_cockpit_ui->mv_use_de  
19     END-TEST-SEAM.  
20     IF lv_use_detail_ui = abap_true.  
21  
22  
23     mo_cockpit->mo_cockpit_db->select_edoactionuimeth(  
24         EXPORTING iv_action          = iv_action  
25                     iv_action_variant = iv_action_variant  
26         RECEIVING rs_edoactionuimeth = ls_edoactionuimeth ).  
27  
28     IF ls_edoactionuimeth IS NOT INITIAL.  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
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48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63 WHEN gc_type-process. "Process Action  
64
```



CL_EDOC_PROCESS_AUTO=====... / CL_EDOC_PROCESS_AUTO=====... / 10
METHOD / EXECUTE_PROCESS_STEP (CL_EDOC_PROCESS_AUTO) SY-TAB
Desktop 1 Desktop 2 Desktop 3 Standard Structures Tables

```
1 METHOD execute_process_step.
```



CL_EDOC_PROCESS=====... / CL_EDOC_PROCESS=====... / 79
METHOD / EXECUTE_PROCSTEP_METHOD (CL_EDOC_PROCESS) SY-TAB
Desktop 1 Desktop 2 Desktop 3 Standard Structures Tables Ob

```
1
```

Mapping to Final Format

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Class Builder Class CL_EDOC_MAP_IT Display

Ty. Parameter Typing Description

Method FILL_FATTURA_BODY active

```
1  METHOD fill_fattura_body. "New with 2846998
2
3  DATA ls_body              TYPE edo_it_fattura_elettronica_bo1.
4  DATA ls_body_v120         TYPE edo_it_fattura_elettronica_bo2.
5
6  DATA ls_smap TYPE REF TO data.
7  DATA ls_intrec TYPE REF TO data.
8  DATA lv_append_flag TYPE c.
9  DATA lv_sending_system TYPE sld_bskey.
10
11 *
12 * 2.1 DatiGenerali
13 * 2.1.1 DatiGeneraliDocumento
14 * fill_dg_dati_generali_documento( CHANGING cs_body = ls_body ).
15
16 * 2.1.6 DatiFattureCollegate
17 * fill_dg_dati_fatture_collegate( CHANGING cs_body = ls_body ).
18
19 * 2.2.1 DettaglioLinee
20 * fill_dbs_dettaglio_linee( CHANGING cs_body = ls_body ).
21
22 * Moving corresponding content from ls_body to ls_body_v120
23 * MOVE-CORRESPONDING ls_body TO ls_body_v120.
24 * IF ls_body-dati_generali-dati_generali_documento-tipo_documento IS NOT INITIAL.
25 *   ls_body_v120-dati_generali-dati_generali_documento-tipo_documento
26 *   = ls_body-dati_generali-dati_generali_documento-tipo_documento.
27 * ENDIF.
28 * ls_body_v120-dati_generali-dati_generali_documento-dati_bollo
29 *   = ls_body-dati_generali-dati_generali_documento-dati_bollo.
30 * ls_body_v120-dati_generali-dati_generali_documento-numero
31 *   = ls_body-dati_generali-dati_generali_documento-numero.
32 * ls_body_v120-dati_generali-dati_generali_documento-causale
33 *   = ls_body-dati_generali-dati_generali_documento-causale.
34 * ls_body_v120-dati_generali-dati_generali_documento-importo_totale_documento
35 *   = ls_body-dati_generali-dati_generali_documento-importo_totale_documento.
```

Enhancement Spot ES_EDOCUMENT Display

Enhancement Spot ES_EDOCUMENT Active

Attributes Enhancem. Implementations Technical Details Enh. Spot Element Definitions

Interface

BAdI Definition	Description
EDOC_ADAPTOR	eDocument Adaptor
EDOC_INTERFACE	eDocument Interface connector
EDOC_PARTNER_CC	eDocument Partner connector

Method	Description
IS_RELEVANT	Check if eDocument has to be created
SET_OUTPUT_DATA	Fill or change eDocument data after mapping
GET_VARIABLE_KEY	Determine variable key
CHANGE_EDOCUMENT_TYPE	Change the eDocument type after standard
SET_VALUE_MAPPING	Fill value mapping
SET_FIX_VALUES	Fill fixed values
RESTRICT_CANCEL	Restrict cancellation of source document
CHANGE_FORM	Change PDF output form

Value Mapping and Mapping..

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Maintenance of value mappings

Value mapping

Namespace	ZEDOPA	eInvoice Panama
Value Mapping	Value Mapping 3 Entries	
Database Table Type		
Value Mapping Type		
Sending System		

Value Mapping	Value Mapping Description
CPBS_CODE	Panama Goods Service Code
DOCUMENT_TYPE	eInvocie Document type
OPERATION_TYPE	eInvoice Operation Type

Display Value Mappings

Namespace /EDOMX eDocument Mexico

Value Mapping Name CFDI_TAXES_ASSIGN Assign SAT Tax Types and Factor Types

Database Type M Master Data

Value Mapping Type M Multiple value mapping

Sending System

Index	Tax Type	Factor Type	ExtValue	Tax Code	Default
1	002	Tasa	0.00	M0	<input type="checkbox"/>
2	002	Tasa	0.00	M2	<input type="checkbox"/>
3	002				
4	002				
5	002				
6	002				
7	002				

eDocument Mexico : Factor Type (1) 3 En...

Factor Type	Short Description
Tasa	Rate
Cuota	Fixed Value
Exento	Exempt

Incoming Invoice Automation

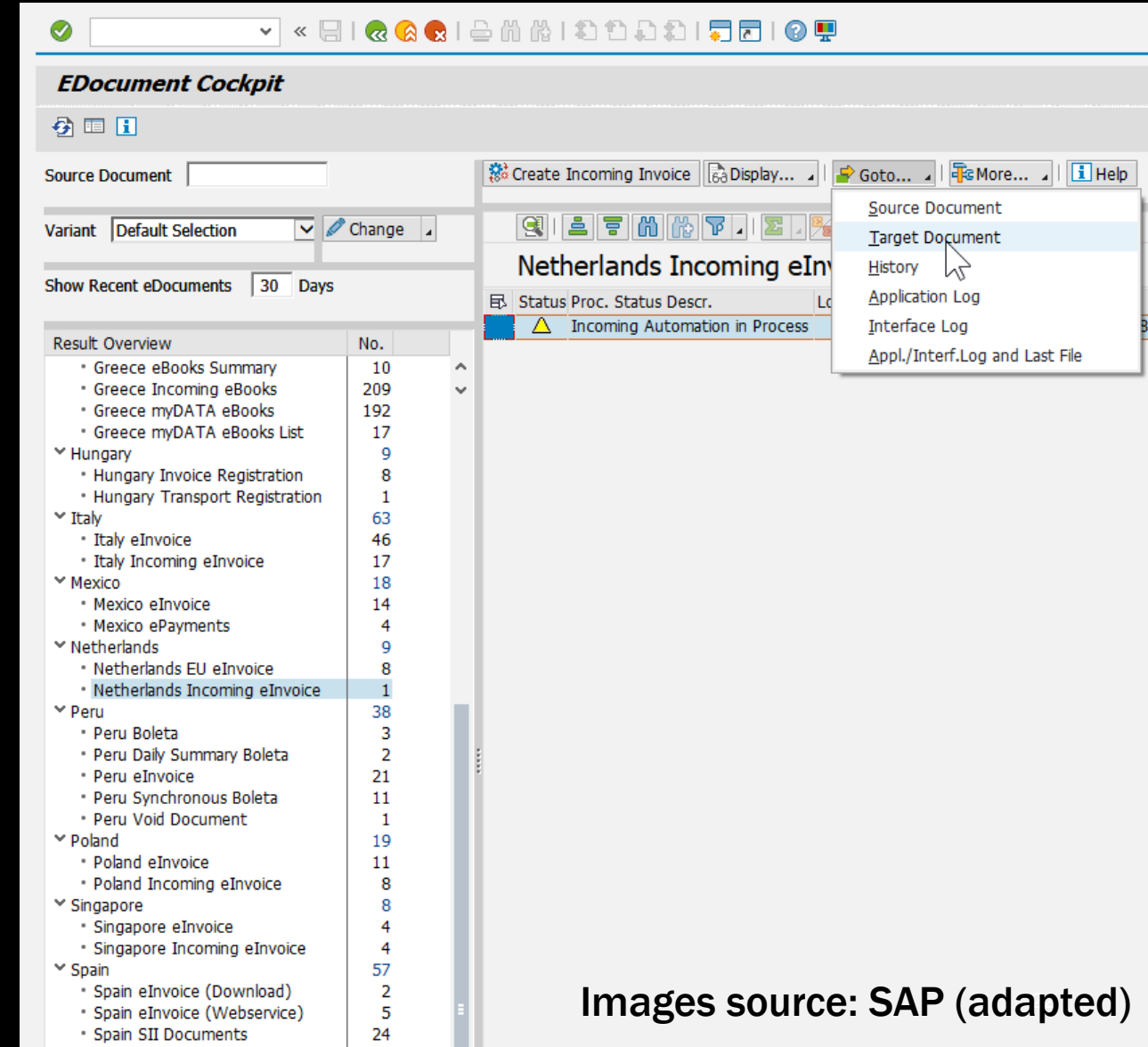
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Many partner solutions offer out-of-the-box incoming invoice integration via Add-on's.

- Invoice acceptance and rejection can be fully automated

Integration to incoming process offered as an open integration from eDocument Framework:

- VIM mapping can be implemented
- Other options: BAPI, IDoc, etc, etc...



Images source: SAP (adapted)

BTP Integration

/ SAP Integration Compliance: Electronic Invoicing for Italy

Italy Send Invoice

Send B2B and B2G Invoices to the Exchange System (Sdl)

Overview

Send B2B and B2G Invoices to the Exchange System (Sdl)

Version: 1.2.3

Last Modified: 13 Dec 2021

Type: Integration Flow

Documents (5)

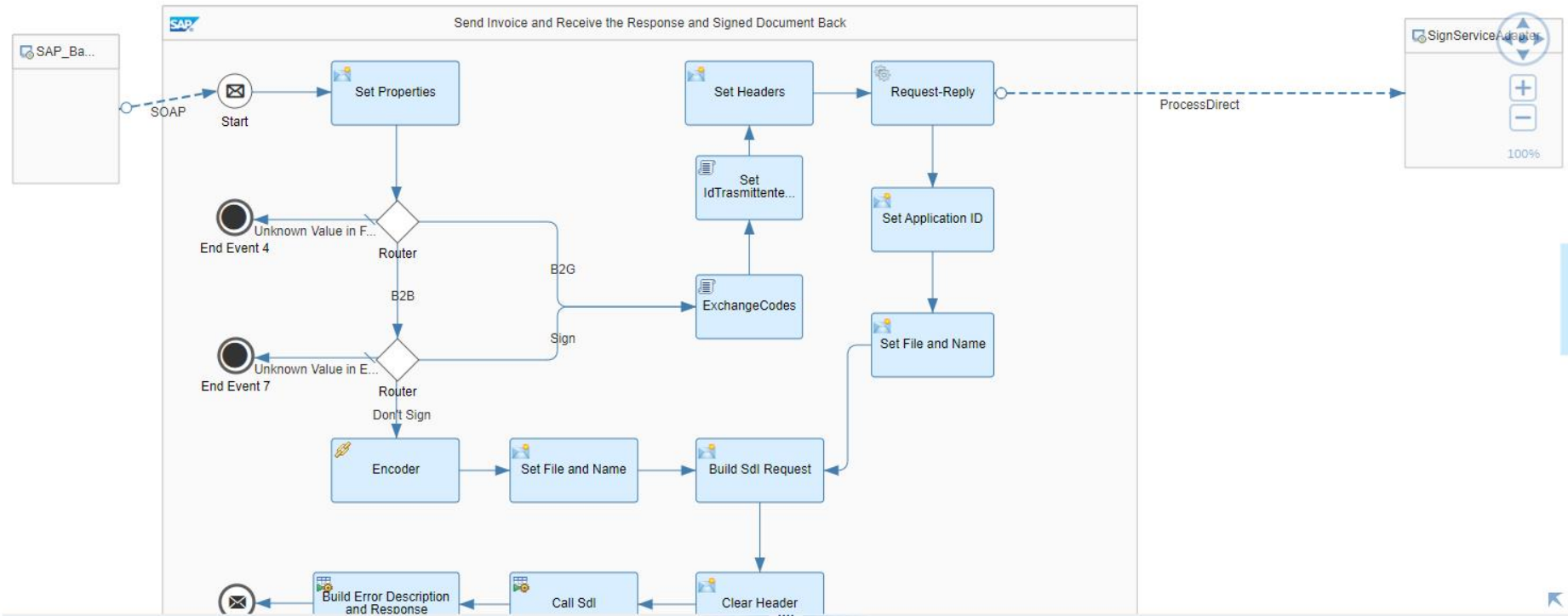
Italy eInvoice Setting up SAP Integration Suite (SAP S4HANA...)

Version 1.1.4



Italy eInvoice Setting up SAP Integration Suite (SAP ERP, SAP...)

Version 1.2.4



Summary - Technical

SAP ERP eDocument solution

- Check License
- Upgrade eDocument Framework
- Configure basic eDoc

Country specific solution

- Implement Country Solution notes
- Import BC sets
- Perform basic configuration
- Make developments

SAP BTP Integration

- Subscribe
- Implement API's with configuration documents from SAP

Project Tips – Functional



Define Processes
and Requirements

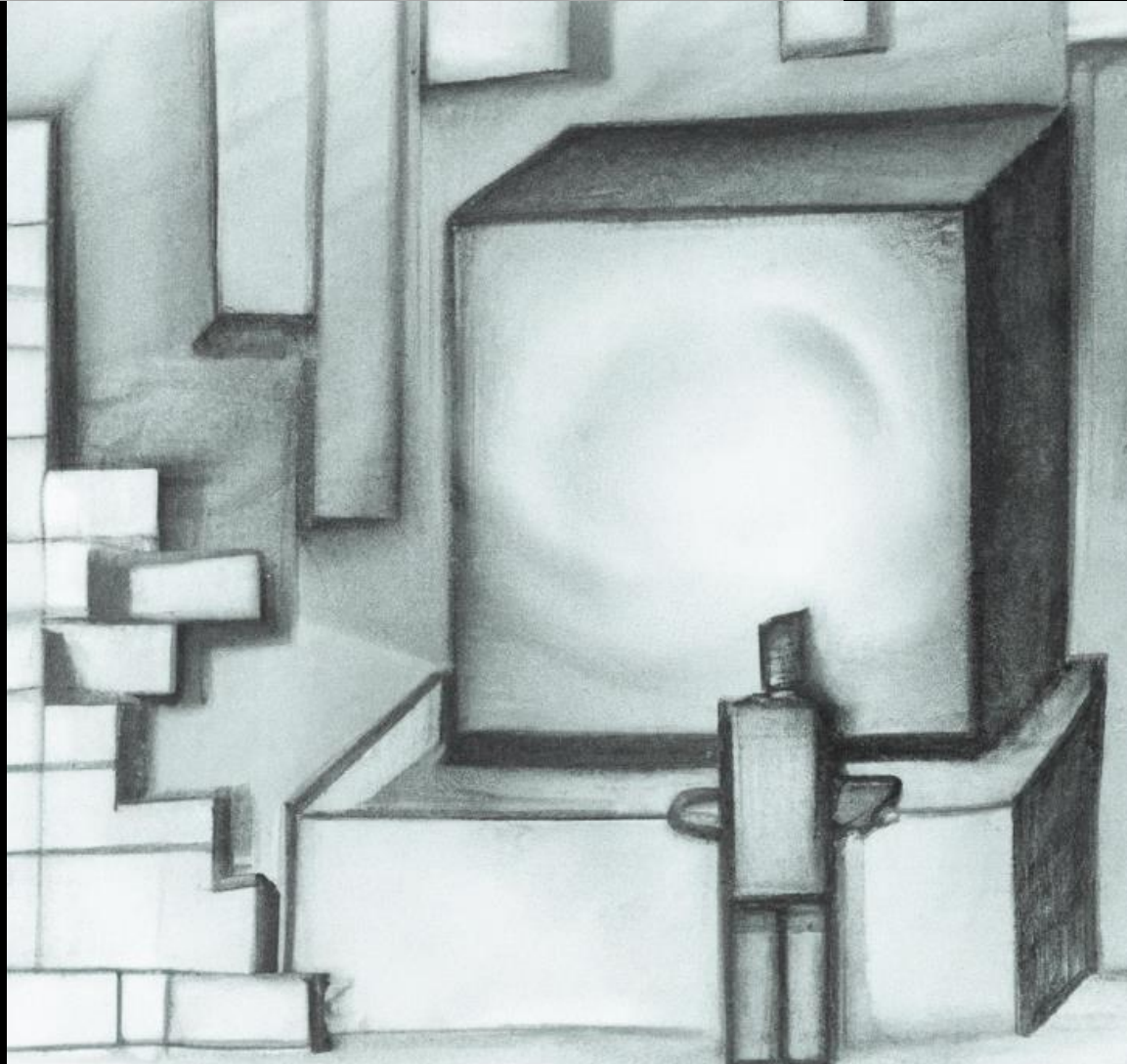
- Identify Business Scenarios and Variants
- Map Legal and Business Requirements



Developments /
Gaps

- Check EDOC Framework BAdI's
- Check Country/Process Specific BAdI's
- Analyze the framework and study enhancements

A global IT Consultant trying to implement eInvoice in several countries



Wanna know more?



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DRC MX EN

e Document:

it: Default Selection Change

Recent eDocuments 30 Days

it Overview	No.
azl	3
1fa	7
primary	19
da	6
plv	2
exco	8
* Mexico eInvoice 4.0	8
prvay	1
* Norway e-Invoice	1

Mexico eInvoice 4.0

Status Proc.	Status Descr.	Ent...	eDocSocKey	Source Descr
Approved		0390024522	Billing Docum	
		0390024522	Billing Docum	

Debugging DRC eInvoice Creation – Mexico CFDI

Debugging DRC eInvoice Creation – Mexico CFDI After implementing the DRC solution many times in different countries I've prepared some information on how to analyze the creation of the eDocument from SD. Besid...



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Many Thanks!