By

René Efila Minkoulou (SAP S/4HANA MM/SD Consultant)

#### **Topics covered:**

- 1) What is EDI
- 2) Create a logical system
- 3) Assign the logical system to the client
- 4) Create the RFC destination with the external system information and login credential
- 5) Create RFC port
- 6) Configuration of output determination
- 7) Define Partner profile
- 8) Business process

#### **Introduction:**

In order to cash process we have different documents that we have to exchange with our customer among them there is the billing document it comes after the shipment of the product to the customer thanks to this document the customer can make the payment now the question that may come from our mind is that by what means we can send the billing document to our customer?

Of course, in SAP there are different ways to send the billing document to the customer, but one that is commonly used in the project is: EDI (Electronic Data Interchange).

And that is exactly what we are going to see today, how to send the billing document by EDI in SAP S/4HANA.

### 1) What is EDI

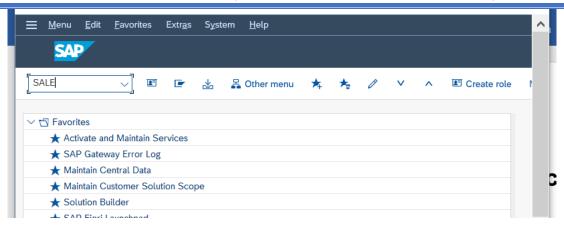
EDI means **Electronic Data Interchange** in SAP, EDI makes it possible to exchange business application documents with an external partner's system instead of printing them on paper.

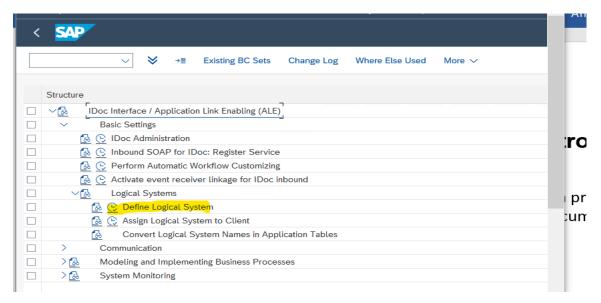
### 2) Create a logical system

Tcode: SALE

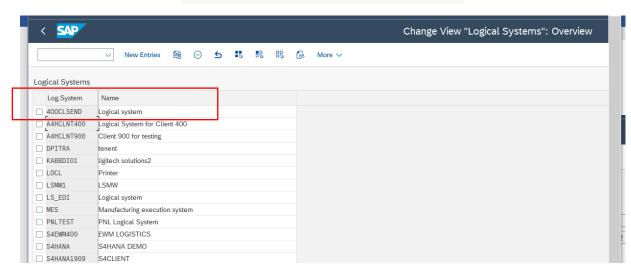
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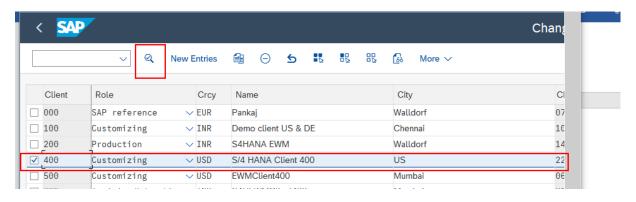


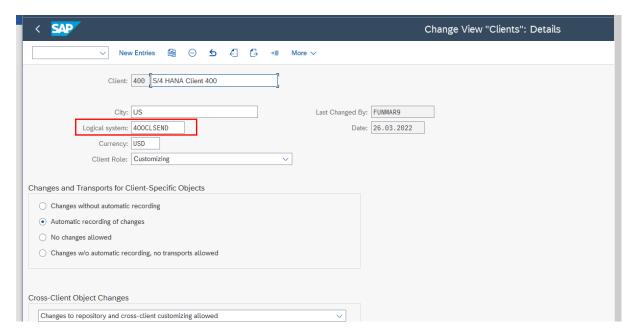
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### 3) Assign the logical system to the client

Select the client and press display





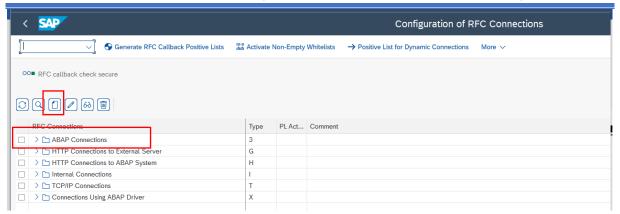
# 4) <u>Create the RFC destination with the external system information and login credential</u>

T-code: SM59

Select ABAP connections and click on create button

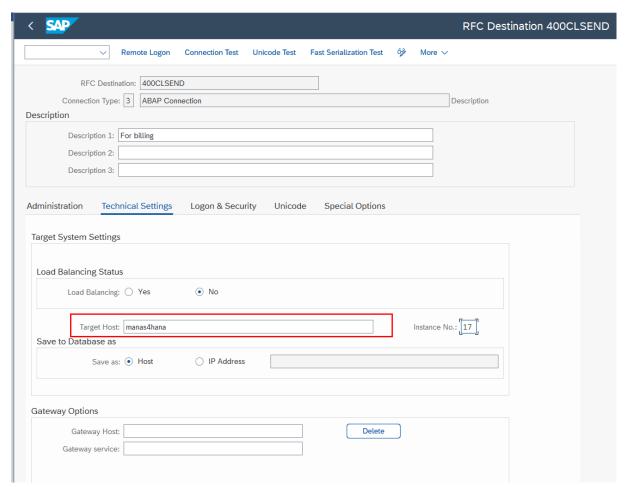
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In the Target Host put the IP address of the receiver system

But for the test purpose I will use the ip address of my own system but it real time scenario you should maintain the IP address of the customer's system



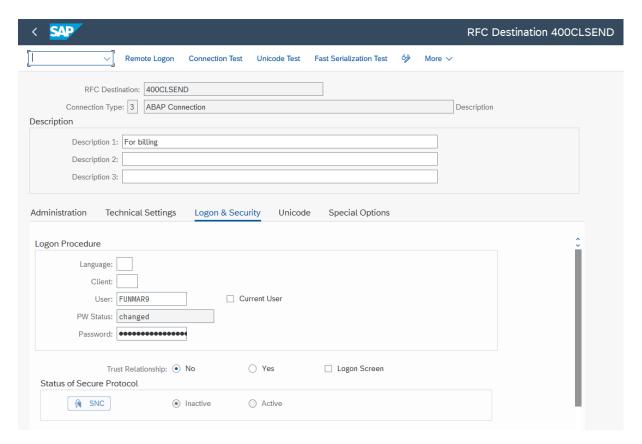
After click on logon and security tab

Here maintain the user id of the customer and password

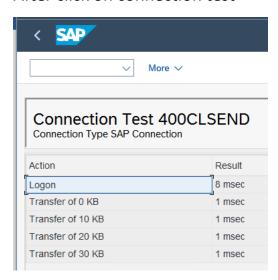
Click save button

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#### After click on connection test



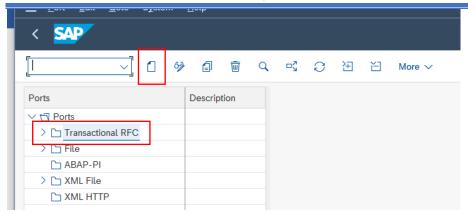
#### 5) Create RFC port

T-code: WE21

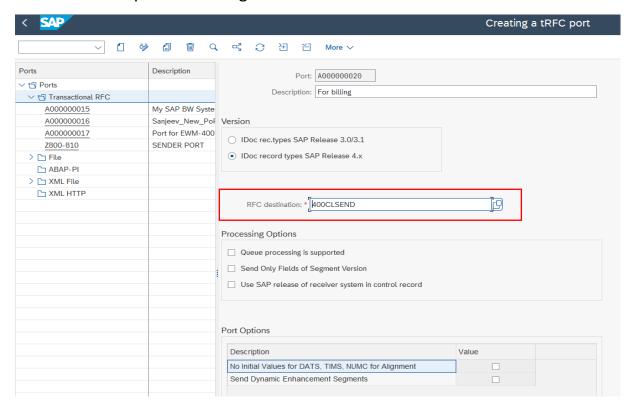
Select transactional RFC and click to create button

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Fill in the description and assign the RFC destination we created earlier.



Our port is: A00000020

# 6) Configuration of output determination

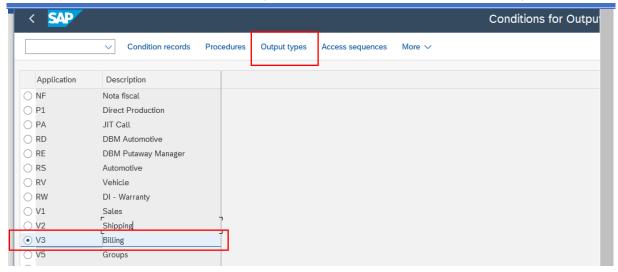
**Output determination** is the process to determine the "**media**" such as printouts, telexes, faxes, e-mails, or EDI that are sent from one business to any of its business partners.

Go to Tcode: NACE

Select Application as: V3 and press output Types.

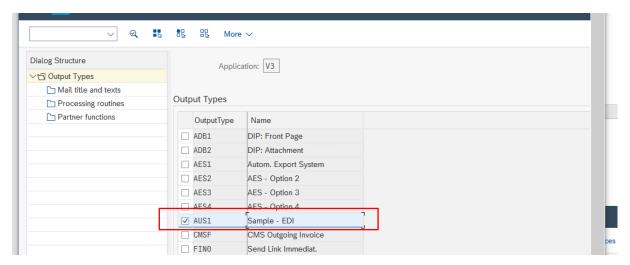
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We will use the standard EDI output type - AUS1

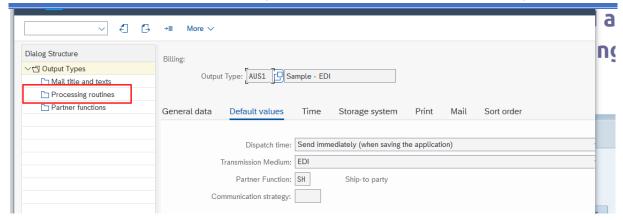
Double click on the output type AUS1



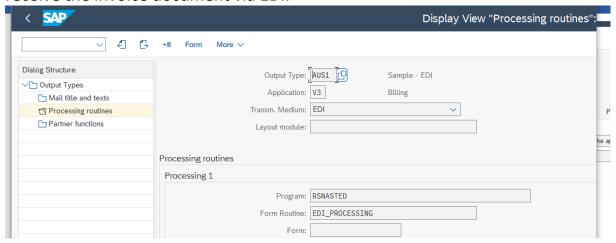
The transmission medium is EDI and partner function is SH- Ship to party Select processing routines

Ву

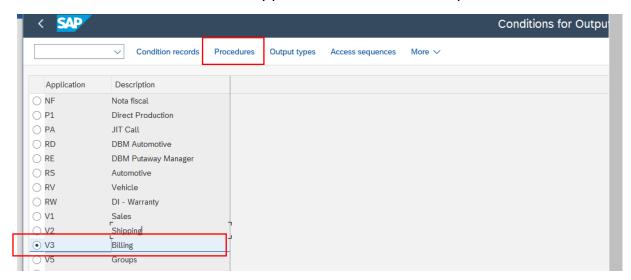
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So far we don't need to customise anything, we just use the standard tool provided by SAP through the program - RSNASTED, and our customer will receive the invoice document via EDI.



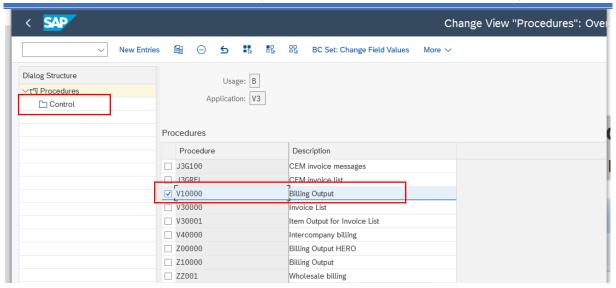
Go back to Tcode: NACE select application V3 and choose procedures



Choose the procedure V10000 and press control button

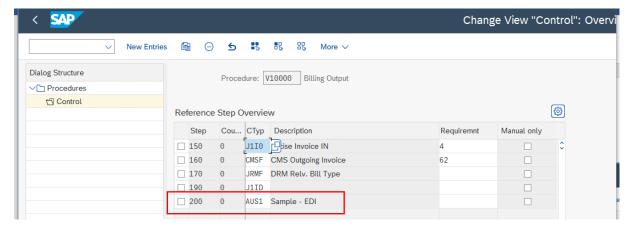
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Remember we already manage the standard EDI output type – AUS1

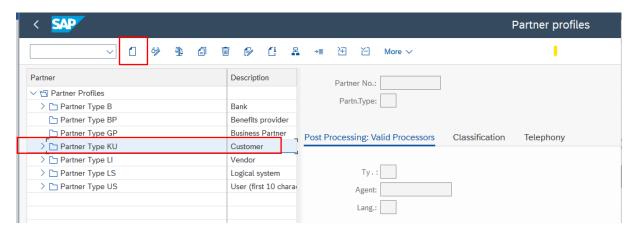
Just add it here and save



7) Define Partner Profile

T-code: WE20

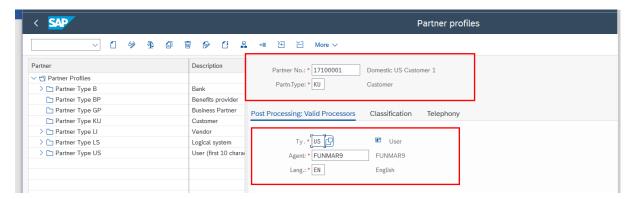
Choose Create.



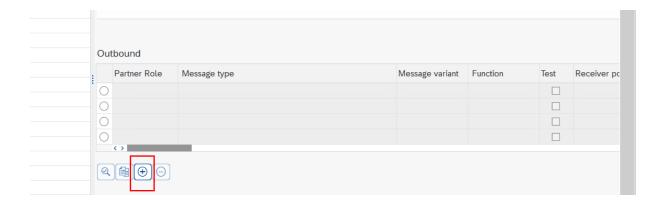
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The partner number is the number of the customer to whom we want to send the invoice. Partner type: KU- Customer. And click to save button



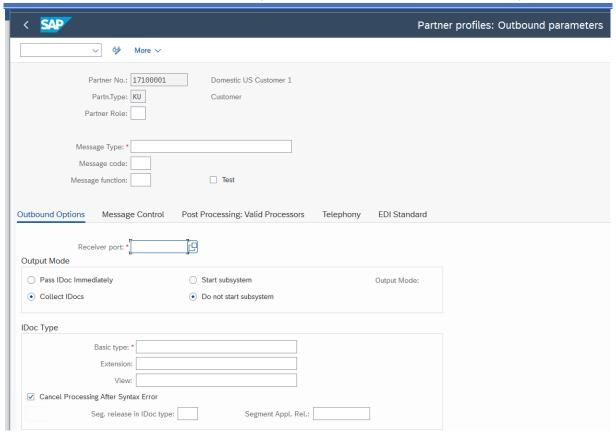
Select + button to fill the outbound parameters because our purpose is to send the billing document to our customer to make a payment



This screen appears.

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Provide this information

Output Mode: select Pass IDoc Immediately

Partner role: SH- Ship to party.

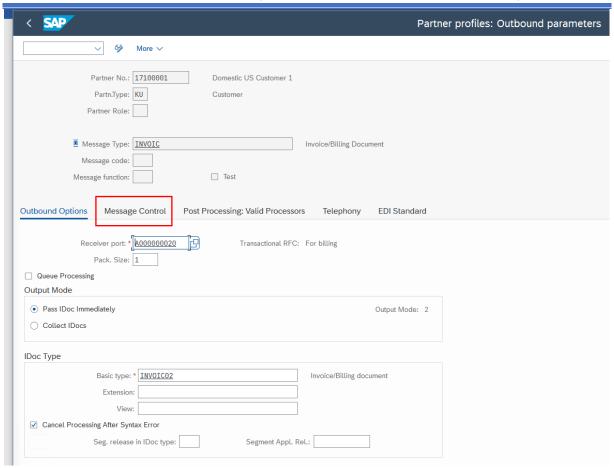
Message type: INVOIC

Receiver port: A00000020

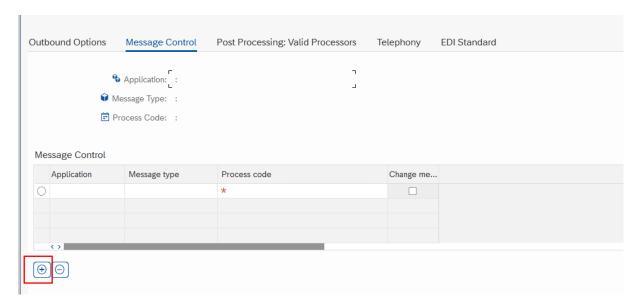
And Select Message Control tab.

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#### Choose + button.



Provide this information:

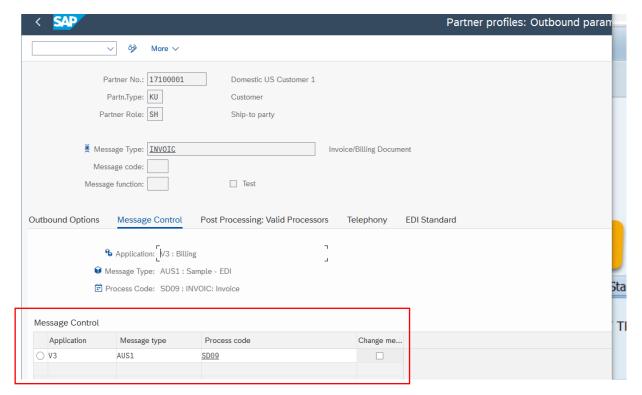
Application: V3

Message type: AUS1

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Process code: SD09 and save.

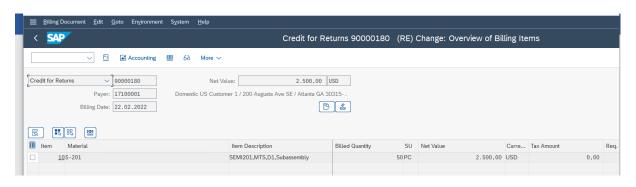


#### 8) Business Process

All configuration it's done now we are ready to test our business process

Remember our purpose is that once we save the billing document the output type AUS1 is executed and send EDI with IDoc immediately

This is our invoice in VF02 T-code



#### Save

✓ Document 90000254 saved (no journal entry generated).

Check the output type

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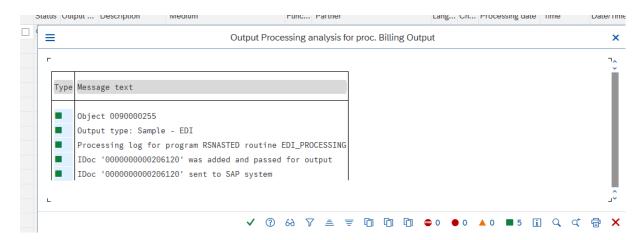
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The status is green, which means that the output type AUS1 has been successfully executed.

#### Select Processing Log button



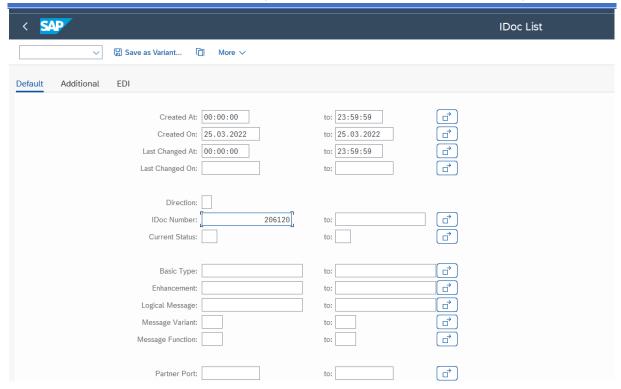
Everything is green, proof that our client has received the invoice



We can display the IDoc in Tcode: WE02

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René Efila Minkoulou (SAP S/4HANA MM/SD Consultant)



IDoc is executed successfully

