



Country Solution Mexico

IFS Cloud 23 R1

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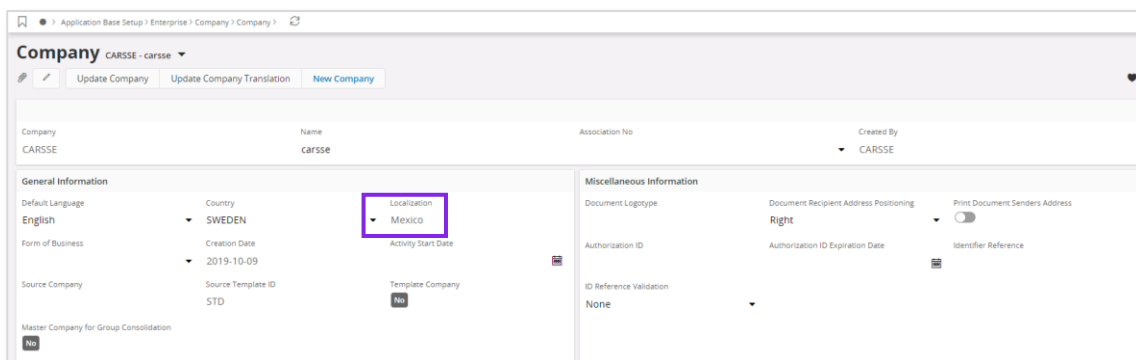
1 Company Set-up

1.1 Overview

In order to utilize the Mexican functionality, the company must be set up as using the Mexican localization. This is defined in the page *Company, General Information*.

1.2 Define localization

- Open the page *Company*
- Search for the company
- Select “Mexico” in the drop-down list in the **Localization** field and **Save**. Note that this cannot be changed once transactions are created for the company.



The screenshot shows the 'Company' setup page for 'CARSE - carsse'. The 'Localization' field is highlighted with a red box and set to 'MEXICO'. Other fields include 'Country' (SWEDEN), 'Form of Business' (2019-10-09), 'Source Company' (STD), 'Template Company' (No), 'Document Logotype', 'Document Recipient Address Positioning' (Right), 'Print Document Senders Address' (toggle), 'Authorization ID', 'Authorization ID Expiration Date', 'Identifier Reference', and 'ID Reference Validation' (None).

Company	Name	Association No	Created By
CARSE	carsse		CARSE

General Information		Miscellaneous Information	
Default Language	Country	Document Logotype	Document Recipient Address Positioning
English	SWEDEN		Right
Form of Business	Localization	Authorization ID	Print Document Senders Address
2019-10-09	MEXICO		<input type="checkbox"/>
Source Company	Activity Start Date	Authorization ID Expiration Date	Identifier Reference
STD			
Template Company		ID Reference Validation	
No		None	
Master Company for Group Consolidation			
No			

1.3 Select Localization functionality

Specify which functionality to use;

- Open *Localization Control Center* page
- The localization selected in previous step is displayed on the page and cannot be changed
- All functionality available for Mexico is presented in the list. All functions for Mexico are mandatory, therefore the toggle switch **Enable** cannot be changed.

Localization Control Center CARSE - carse - Mexico 1 of 1

Company	Name	Association No	Created By
CARSE	carse		CARSE

Company Localization Info List

Functionality	Description	Mandatory	Enabled
<input type="checkbox"/> e-Accounting XML Data	Enables the collection of additional data for the e-Accounting XML reports according to the Mexican legal requirements such as handling SAT Information in Expense Sheet, SAT Accounting Group.	Yes	Yes
<input type="checkbox"/> Customs Declaration Information Tracking for Part Lot Batch	Enables the tracking of Part Lot Batch with customs declaration information. The customs declaration information is included in e-Invoice XML file in order to prove the legal possession of the inventory.	Yes	Yes
<input type="checkbox"/> DIOT Report Data	Enables the collection of additional data for the DIOT report (informative declaration of operation with vendors) according to the Mexican legal requirements such as handling supplier details in E-Invoice.	Yes	Yes
<input type="checkbox"/> e-Payment Receipt Complement (CFDI Complemento de Pago)	Enables the generation of Mexican e-payment receipt complement XML file (CFDI Complemento de Pago), including Mexican legal required data.	Yes	Yes
<input type="checkbox"/> Goods/Services Statistical Codes Definition per Company	Enables the identification/classification of goods and services for operational and statutory reporting purposes.	Yes	Yes
<input type="checkbox"/> Goods/Services Statistical Code	Enables the identification/classification of goods and services for operational and country specific legal reporting requirements.	Yes	Yes
<input type="checkbox"/> Invoice Reason	Enables the possibility to define the official reason of the invoices according to the authority classification. This value will be included in the outgoing invoice XML file.	Yes	Yes
<input type="checkbox"/> Additional Mexican e-Invoice information	Enables the generation of the e-Invoice XML file including Mexican legal required data (CFDI Ingreso and Egreso), e.g. withholding tax information, discounts.	Yes	Yes

2 Customs Declaration Information Tracking

2.1 Overview Legal Requirement

In Mexico, it is a legal requirement to include information about customs declaration number (Numero Pedimento) and customer declaration date (la fecha del document aduanero) in the eInvoice xml file which is sent to the government authority (SAT) when imported goods is sold.

2.2 Solution Overview

To support this legal request, following LCC parameters is available;

- Customs Declaration Information Tracking for Part Lot Batch

The following invoice types are supported;

- Customer Order Invoice

Overview of the solution;

- Register arrival and enter customs declaration number and customs declaration date in *Receive* and *Receive with Serials/Lots* dialog
- If needed, it is possible to update customs declaration number and customs declaration date in *Part Lot Batch Customs Declarations* page
- Create the customer order invoice. The e-invoice xml file includes customs declaration number and date when imported goods is sold.

2.3 Prerequisites

The company must be set-up to use the Mexican localization, see the Company Set-Up chapter, and the following localization parameter must be enabled:

- Customs Declaration Information Tracking for Part Lot Batch

2.4 Create Purchase Order

Create a purchase order following the standard process specified in IFS Cloud Documentation.

2.5 Register Arrival

2.5.1 ENTER CUSTOMS DECLARATION INFORMATION IN RECEIVE AND RECEIVE WITH SERIALS/LOTS DIALOG

In the *Receive* and *Receive with Serials/Lots* dialog, it is possible to enter the customs declaration information in fields **Customs Declaration Number** and **Customs Declaration Date**. If customs declaration information is entered in the header, it is defaulted to the receipt lines, but it is possible to edit the information on line level. If **Customs Declaration Number** is entered, it is mandatory to also enter **Customs Declaration Date**.

Receive

Receiver: CA CAR SSE Receipt Reference: Actual Delivery Date: 2019-12-05 00:00 Actual Arrival Date: 2019-12-05 12:51

Packing Details

Handling Unit Type ID:

Customs Information

Customs Declaration Number: Customs Declaration Date:

Print

Print Barcodes: Print Arrival Report: Print Serviceability Tag:

✓	Customs Declaration Number	Customs Declaration Date	Source Ref 1	Source Ref 2	Source Ref 3	Source Ref 4	Source Ref Type	Site	Part No	Part Description	Input UoM Group	Condition Code	Packi
			P100057	1	1		Purchase Order	LKP1	1	Sales part1	No		

Receive with Serials/Lots

P100135-1-1 Purchase Order

Receipt Information

QC Analyst: Receiver: CA CAR SSE Receipt Reference: Actual Delivery Date: 2019-12-05 00:00

Actual Arrival Date: 2019-12-05 13:38 Customs Declaration Date: Customs Declaration No:

Part Information

Part No: PART2 Part Description: part2 lot track Source Arrived Qty: 100 pcs Remaining Source Qty:

Source Qty to Inspect: 0 pcs Inventory Arrived Qty: 100 pcs Catch Qty: Ownership: Company Owned

New Operational Condition:

Packing Information

Print

Print Barcodes: Print Arrival Report: Print Serviceability Tag:

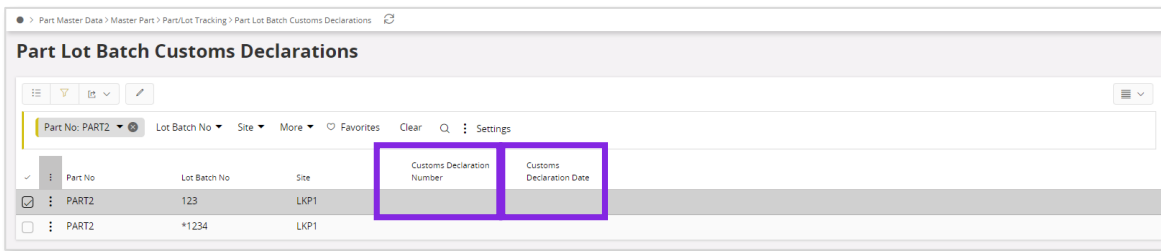
Lines

✓	Customs Declaration Date	Customs Declaration Number	Source Qty to Receive	Inventory Qty to Receive	Catch Qty to Receive	Expiration Date	Receive Case	Location No	Warehouse ID	Bay	Lot Batch No
			100	100			Receive into Arrival				*

When registering an arrival to an existing lot/batch number with a customs declaration number, it is not allowed to save a different customs declaration number than the existing customs declaration number.

2.5.2 UPDATE CUSTOMS DECLARATION NUMBER AND DATE IN PART LOT BATCH CUSTOMS DECLARATION PAGE

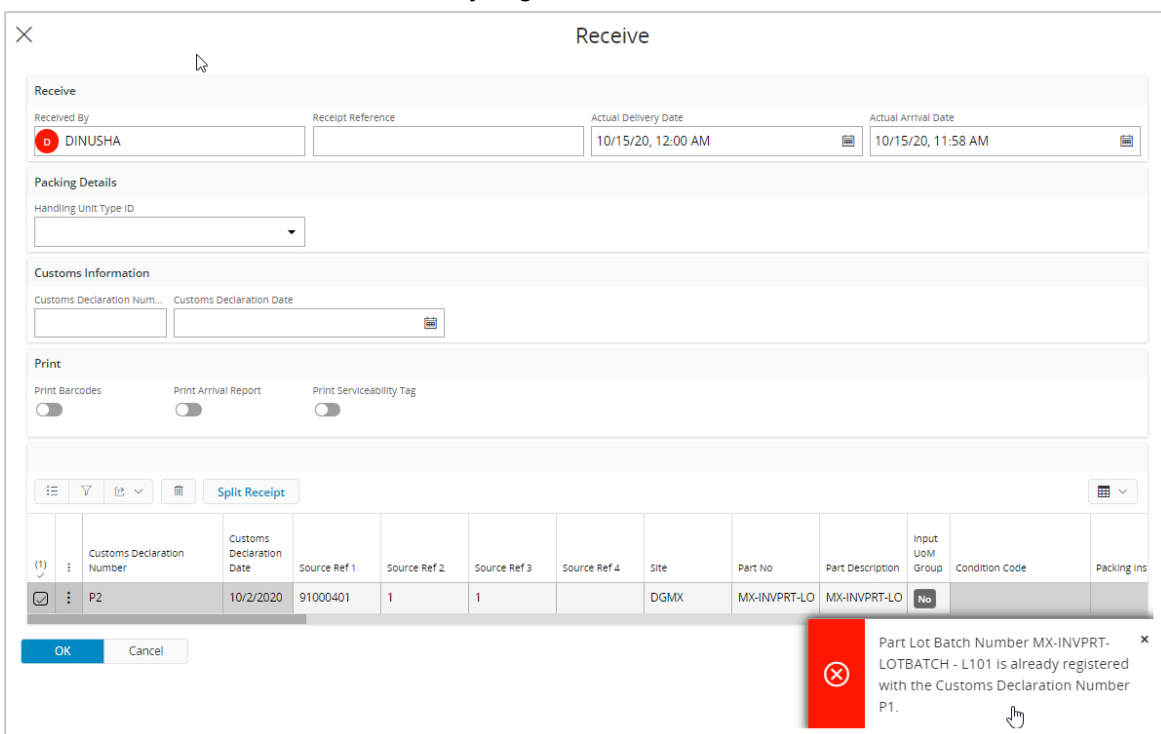
In the page *Part Lot Batch Customs Declarations*, it is possible to update the customs information in the field **Customs Declaration number** and **Customs Declaration Date** after the parts are received.



2.5.3 VALIDATE CUSTOMS DECLARATION NUMBER AND DATE

When registering a new arrival with an existing Part Lot batch number that having customs declaration number, the application will not allow to save a different customs declaration number than the existing customs declaration number and following message should appear.

“Part Lot Batch Number XX is already registered with the Customs Declaration Number XX”



2.6 Generate invoice .xml file

Generate the e-invoice .xml file for customer order invoice by following the standard process. Find more information in the chapter Handle Mexican elinvoice.

Customs Declaration Number and Customs Declaration date is added to the elInvoice XML under section MXCustomsDetails

- Tag MXCustomsDeclarationNumber is used to show Customs Declaration Number.
- Tag MXCustomsDeclarationDate is used to show Customs Declaration Date.

- <MXCustomsDetails>

```
<MXCustomsDeclarationNumber>1234-1234</MXCustomsDeclarationNumber>
<MXCustomsDeclarationDate Format="CCYYMMDD">20201123</MXCustomsDeclarationDate>
```

2.7 Delimitations

N/A

3 Goods/Services Statistical Code

3.1 Overview Legal Requirement

In Mexico, it is a legal requirement to include information about goods/services statistical code (ClaveProdServ) for product sold in the eInvoice xml file which is sent to the government authority (SAT).

Good/service statistical code is an 8-digit code defined in the SAT catalog that is provided by the government authority (SAT).

3.2 Solution Overview

To support this legal request, two LCC parameters are available:

- Goods/Services Statistical Codes Definition per Company
- Goods/Services Statistical Code Set-Up

Goods/Service Statistical code is available in the following places and controlled by LCC parameter Goods/Services Statistical Code Set-Up:

- Sales Objects
- Sales Part
- Report Codes Details
- Non-Inventory Sales Part
- Purchase Part
- Sales Charge Type
- Package Part

Goods/Services Statistical Code is included in the eInvoice xml file template and controlled by LCC parameters Goods/Services Statistical Codes Definition per Company. The following invoice types are supported:

- Customer Order Invoice
- Instant Invoice
- Project Invoice

Overview of the solution:

- Set up the basic data required
- Create the Customer Order, if required
- Create the invoice
- Generate the eInvoice xml file, goods/services statistical code is added to the file

3.3 Prerequisites

The company must be set-up to use Mexican localization, see the Company Set-Up chapter, and the following localization parameters must be enabled:

- Goods/Services Statistical Codes Definition per Company
This LCC parameter enables the functionality to define the statistical codes per Company.
- Goods/Services Statistical Code Set-Up
This LCC parameter enables the set-up of statistical codes on sales parts, non-inventory sales parts, sales charges, sales objects, project report codes, package parts and purchase parts.

3.4 Define Basic Data

3.4.1 DEFINE GOODS/SERVICE STATISTICAL CODE FOR YOUR COMPANY

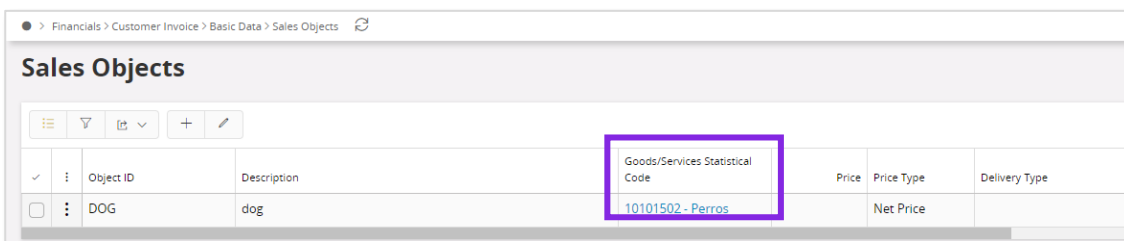
Enter the goods and services statistical codes for your company in the *Application Base Setup/General Data/Goods/Services Statistical Codes* page.



Goods/Service Stat Code	Description	Validity
10101507	Ovejas	Active
10101502	Perros	Active
10101512	Conejos	Active

3.4.2 CONNECT GOODS /SERVICES STATISTICAL CODE TO SALES OBJECTS

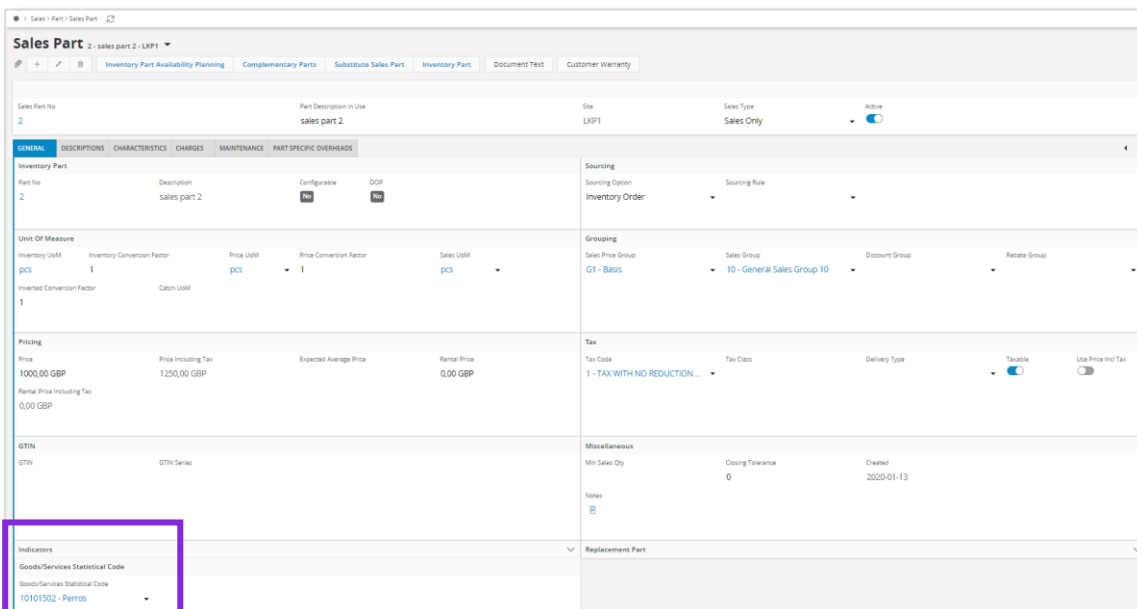
Connect the goods/service statistical code to sales objects in the *Financials/Customers Invoice/Basic Data/Sales Objects* page.



Object ID	Description	Goods/Services Statistical Code	Price	Price Type	Delivery Type
DOG	dog	10101502 - Perros		Net Price	

3.4.3 CONNECT GOODS/SERVICES STATISTICAL CODE TO SALES PART

Connect the goods/service statistical code to sales part in the *Sales/Part/Sale Part* page.



Part No	Description	Configurable	DOP	Sourcing Option	Sourcing Rule
2	sales part 2	No	No	Inventory Order	

Price	Price Including Tax	Expected Average Price	Rental Price	Tax Code	Tax Class	Delivery Type	Taxable	Use Price Incl Tax
1000,00 GBP	1250,00 GBP		0,00 GBP	1 - TAX WITH NO REDUCTION			On	Off

Indicators	Replacement Part
Goods/Services Statistical Code 10101502 - Perros	

3.4.4 CONNECT GOODS/SERVICES STATISTICAL CODE TO REPORT CODE DETAILS

Connect the goods/service statistical code to report code details in the *Project Management/Project Basic Data/Report Codes/Report Code Details* page.

Project Management > Project Basic Data > Report Codes > Report Code Details

Report Code Details

Report Code	Report Code Name	Report Code Type	Report Code Group ID	Create Cost Accounting	Invoicability	Goods/Services Statistical Code	Taxable	Tax Code	Tax Class	Delivery Type
<input checked="" type="checkbox"/> REPORT1	report code 1	Time		Yes	Invoicable	10101502 - Perros	No	0 - Tax 0%		

3.4.5 CONNECT GOODS/SERVICES STATISTICAL CODE TO NON-INVENTORY SALES PART

Connect the goods/service statistical code to non-inventory sales part in the *Sales/Part/Non-Inventory Sales Part* page.

Sales > Part > Non-Inventory Sales Part

Non-Inventory Sales Part

3 - 3 description - LKP1

Complimentary Parts | Document Text | Connect Services | Customer Warranty

Sales Part No: 3 | Part Description in Use: 3 description | Site: LKP1 | Sales Type: Sales Only | Category: Service | Active:

GENERAL | DESCRIPTIONS | CHARACTERISTICS | CHARGES

Integrate: Integrate Conv Factor, Customs Unit, Country of Origin

Unit of Measure: Sales Unit: PCS, Price Conv. Fact: 1, Price Unit: PCS

PHYSIC: Price: 0,00 GBP, Price Including Tax: 0,00 GBP, Expected Average Price, Retail Price: 0,00 GBP

Tax: Tax Code: 1 - TAX WITH NO REDUCTION, Tax Class, Delivery Type, Taxable: , Use Price Incl Tax:

GTIN: GTIN No, GTIN Series

Indicators: Goods/Services Statistical Code: 10101502 - Perros

Miscellaneous: Min Sales Qty, Closing Tolerance: 0, Created: 2020-01-13

Replacement Part:

3.4.6 CONNECT GOODS/SERVICES STATISTICAL CODE TO PURCHASE PART

Connect the goods/service statistical code to purchase part in the *Procurement/Part/Purchase Part* page.

Procurement > Part > Purchase Part

Purchase Part

12 - Garage door engine - LKP1

Supplier for Part | Document Text | Alternate Purchase Parts | Create Sales Part

Part No: 12 | Part Description in Use: Garage door engine | Site: LKP1

GENERAL | CHARACTERISTICS | DESCRIPTIONS | SUPPLIERS | SUPPLIER AGREEMENTS | SUPPLIER SPLIT | DELIVERY OVERHEADS

Part Parameters: Buyer ID, Team Coordinator, QC Analyst ID, Quality Approval Date, Purchase Group, Order Proc Type, Acquisition Type, Default Purch Unit: pcs, Standard Pack Size: 1, Created: 2020-01-13

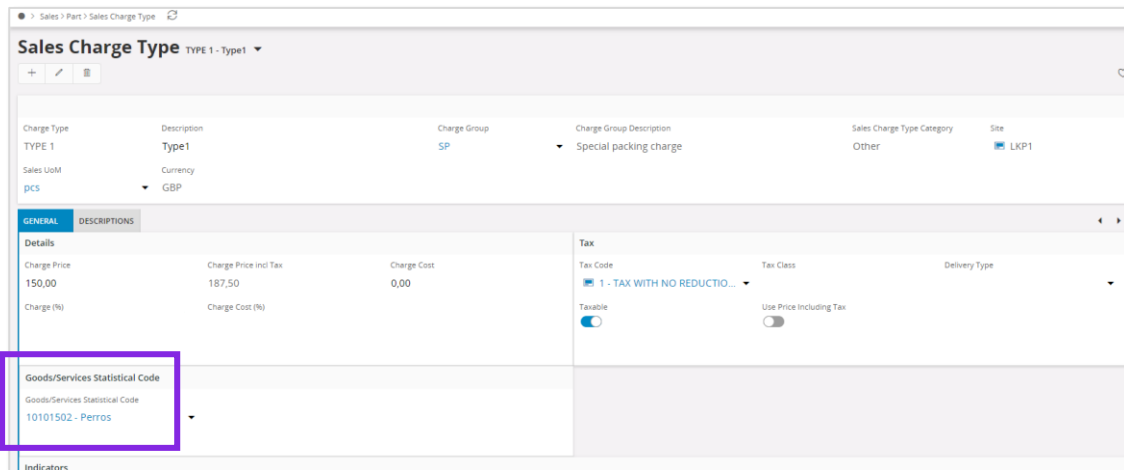
Indicators: Inventory Part: , Document Text: , Alternate Parts Exist: , Taxable:

Over Delivery: Perform Check, Over-Tolerance (R), Action Authorized: Warning, Action Non-Authorized: None

Goods/Services Statistical Code: Goods/Services Statistical Code: 10101502 - Perros

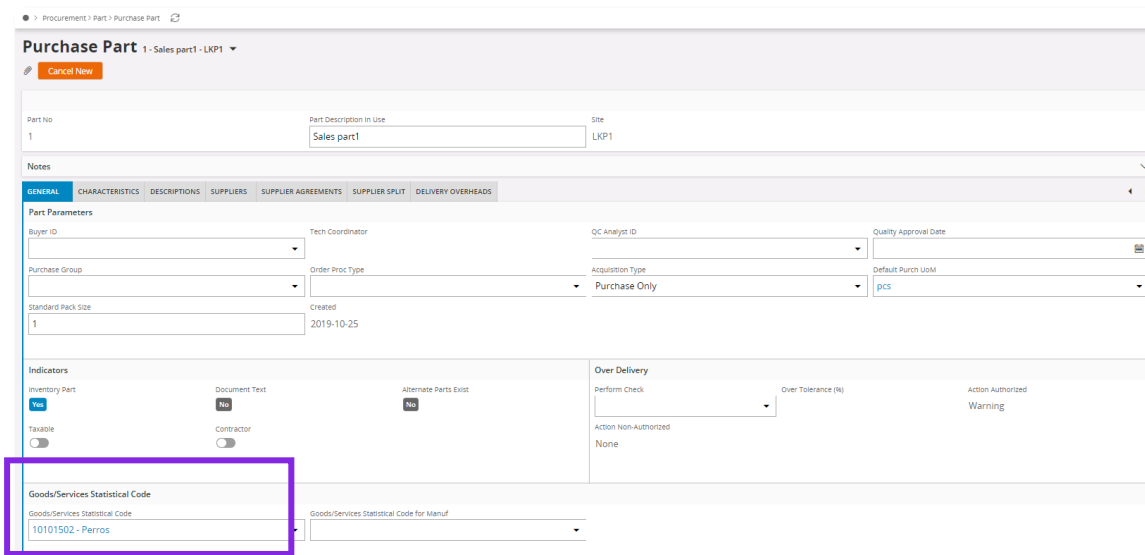
3.4.7 CONNECT GOODS/SERVICES STATISTICAL CODE TO SALES CHARGE TYPE

Connect the goods/service statistical code to sales charge type in the *Sales/Part/Sales Charge Type* page.



3.4.8 CONNECT GOODS/SERVICES STATISTICAL CODE TO PACKAGE PART

Connect the goods/service statistical code to package part in the *Procurement/Part/Purchase Part* page.



3.5 Generate eInvoice xml file

Generate the eInvoice xml file by following the standard process specified in IFS Cloud Documentation. Read more in chapter Handle Mexican eInvoice.

Customs Goods/Service Statistical Number is added to the eInvoice .xml file under section InvoiceRow and tag MXGoodsServiceStatisticalCode

```

- <InvoiceRow>
  <RowSubIdentifier>1</RowSubIdentifier>
  <ArticleIdentifier>HUND</ArticleIdentifier>
  <ArticleName>Hund</ArticleName>
  <BuyerArticleIdentifier />
  <MXArticleName>Hund</MXArticleName>
  <MXGoodsServiceStatisticalCode>10101502</MXGoodsServiceStatisticalCode>
  <DeliveredQuantity MXAlternativeQuantityUnitCode="H87" QuantityUnitCode="PCS">1,00</DeliveredQuantity:
  <UnitPriceAmount AmountCurrencyIdentifier="MXN" MXAlternativeUnitPriceUnitCode="H87" UnitPriceUnitCode=
  <MXRowPricePerQuantityAmount AmountCurrencyIdentifier="MXN">1333,33</MXRowPricePerQuantityAmount
  
```

3.6 Delimitations

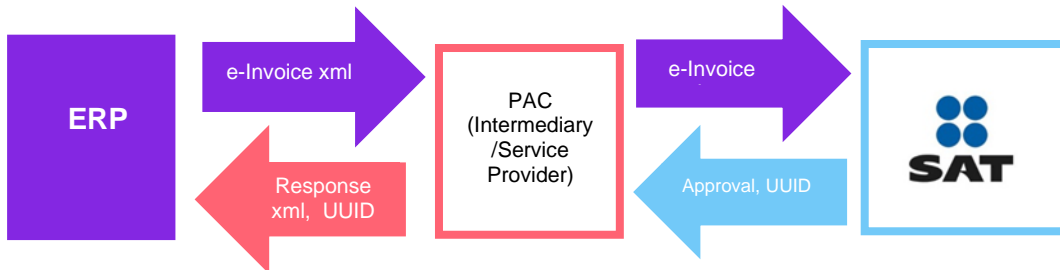
N/A

4 Handle Mexican einvoice

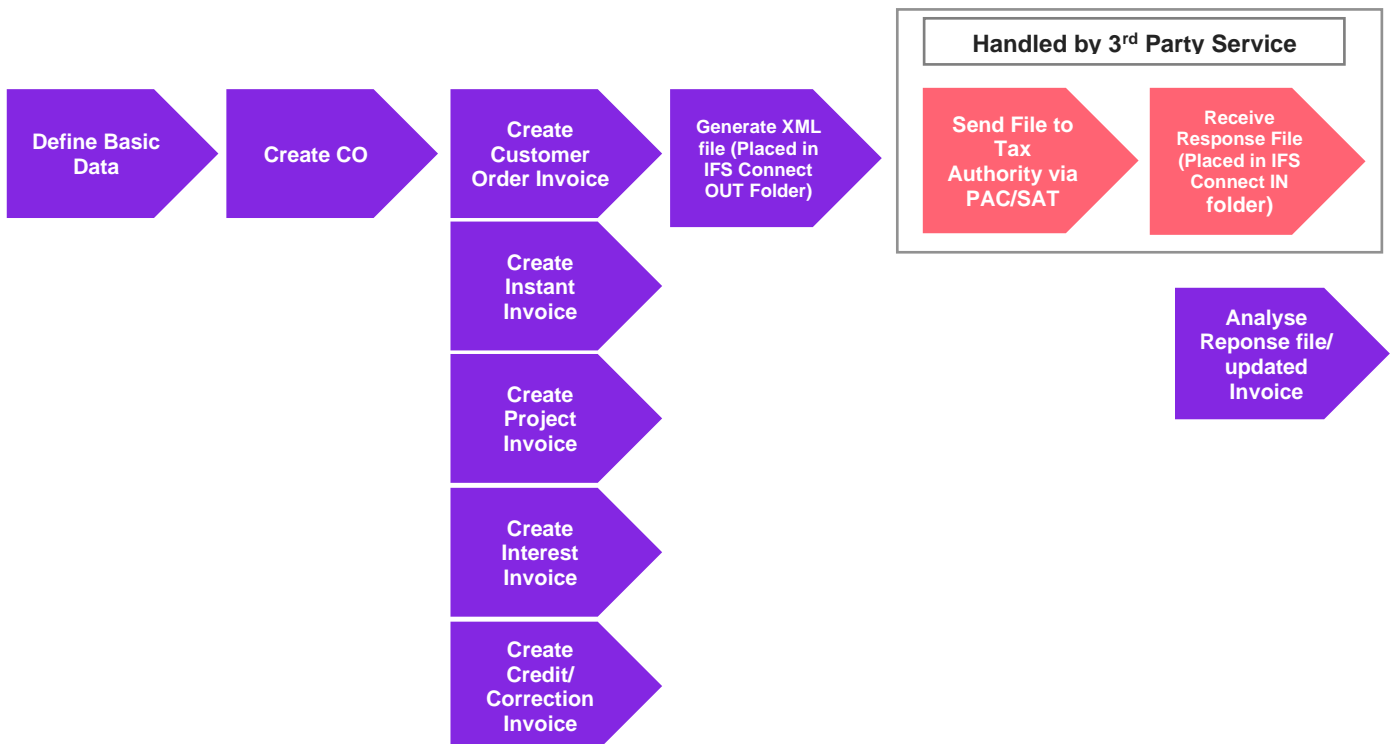
4.1 Overview Legal Requirement

In Mexico, it is mandatory since 2014 to use e-invoices and to report those to the government authority (SAT) via an authorized intermediary/Service Provider (PAC).

SAT approves the e-invoice .xml file and issues an authorization number called UUID number, which is included in a response xml file to PAC. PAC will return .xml file to the sender.



4.2 Process Overview



4.3 Solution Overview

To support this legal request, two LCC parameters are available;

- Invoice Reason
- Additional Mexican eInvoice Information

The following information is included in the eInvoice xml file controlled by LCC parameter Invoice Reason:

- Invoice Reason

The following information is included in the eInvoice xml file controlled by LCC parameter Additional Mexican eInvoice Information:

- Form of Business
- Discounts
- Withholding tax information
- Package Part information
- Multiple Tax information
- Alternate Unit of Measure
- Correction Reason
- Tax Type Category
- Tax Factor
- Payment Method
- Alpha 3-digit code
- UUID number and UUID date from the response file
- Related UUID Number
- Customer Tax Id Number

The following invoice types are supported, depending on the requirement not all information is included in all invoice types, see chapter Generate eInvoice xml file;

- Instant Invoice
- Customer Order Invoice (Including Collective Invoice, Shipment Invoice, Credit Invoice, Advance Invoice, etc)
- Project Invoice (including Credit Invoice)
- Interest Invoice

Overview of the solution;

- Set up the basic data required
- Create Customer Order, if required
- Create the invoice
- Generate the eInvoice file, it is placed in IFS Connect OUT folder
- Authorized intermediary/service provider PAC picks up the file from the OUT folder and verifies it before sending it to government authority SAT
- Authorized intermediary/service provider PAC picks up the .xml file from the OUT folder and verifies it before sending it to government authority SAT
- SAT approves the eInvoice file and returns it to PAC with an authorization number and date (UUID number and UUID date)
- PAC returns the response file and places it in IFS Connect In box
- UUID number and UUID date will be automatically read from response file and the information is added to the invoice. The information is available in the *Sent Invoices*, *Customer Invoice Analysis* and *Customer Invoices Analysis* pages.

4.4 Prerequisites

The company must be set-up to use Mexico localization, see the Company Set-Up chapter, and the following localization parameters must be enabled:

- Additional Mexican eInvoice Information
- Customs Declaration Information Tracking for Part Lot Batch

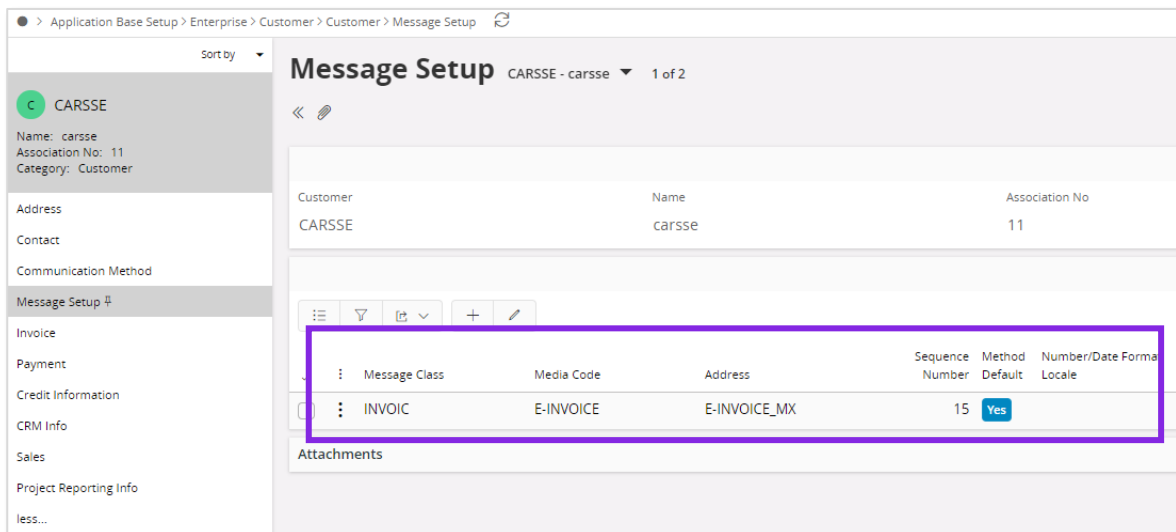
- Invoice Reason
- Goods/Services Statistical Codes Definition per Company, for more information see chapter Goods/Service Statistical Code
- Goods/Services Statistical Code, for more information see chapter Goods/Service Statistical Code

4.5 Define Basic Data

4.5.1 SET UP MESSAGE RECEIVER

Set up the message receiver in page *Application Base Setup/Enterprise/Customer/ Customer/Message Setup* for each customer, to be able to create the elnvoice file.

- Value in field **Message Class**; INVOICE
- Value in field **Media Code**; E-INVOICE
- Value in field **Address**; E-INVOICE_MX



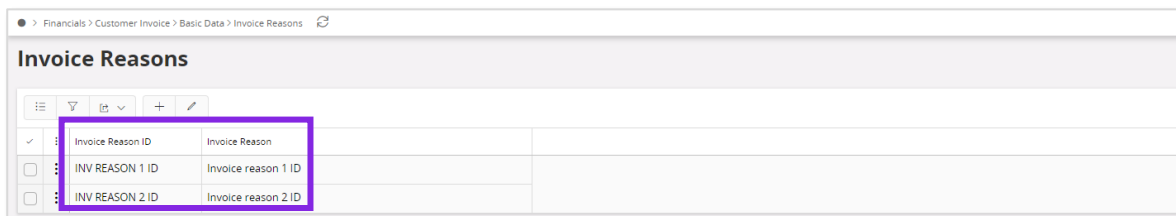
Message Setup CAR SSE - carsse 1 of 2

Customer	Name	Association No
CARSSE	carsse	11

Message Class	Media Code	Address	Sequence Number	Method Default	Number/Date Format Locale
INVOICE	E-INVOICE	E-INVOICE_MX	15	Yes	

4.5.2 DEFINE INVOICE REASON

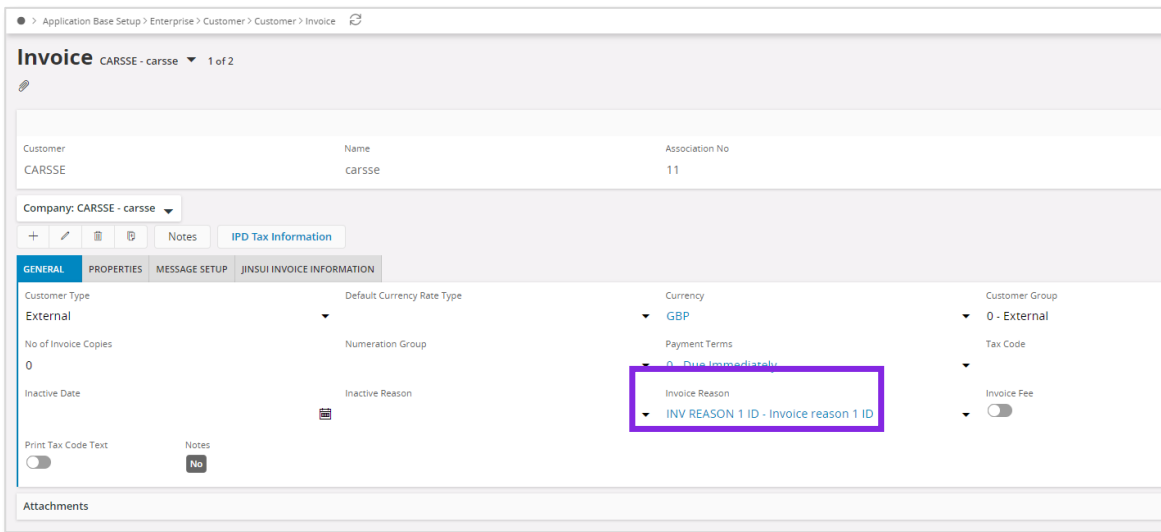
In *Financials/Customer Invoice/Basic Data/Invoice Reasons* page, define the invoice reasons.



Financials > Customer Invoice > Basic Data > Invoice Reasons

Invoice Reason ID	Invoice Reason
INV REASON 1 ID	Invoice reason 1 ID
INV REASON 2 ID	Invoice reason 2 ID

Connect invoice reasons to the customers in page *Application Base Setup/Enterprise/Customer/Customer/Invoice* page and tab *Invoice*.



Application Base Setup > Enterprise > Customer > Customer > Invoice

Invoice CAR SSE - carsse 1 of 2

Customer: CAR SSE, Name: carsse, Association No: 11

Company: CAR SSE - carsse

GENERAL | PROPERTIES | MESSAGE SETUP | JINSUI INVOICE INFORMATION

Customer Type: External, Default Currency Rate Type: GBP, Currency: GBP, Customer Group: 0 - External

No of Invoice Copies: 0, Numeration Group: 0 - Due Immediately, Payment Terms: 0 - Due Immediately, Invoice Reason: INV REASON 1 ID - Invoice reason 1 ID

Inactive Date: , Inactive Reason: , Invoice Fee:

Print Tax Code Text: No

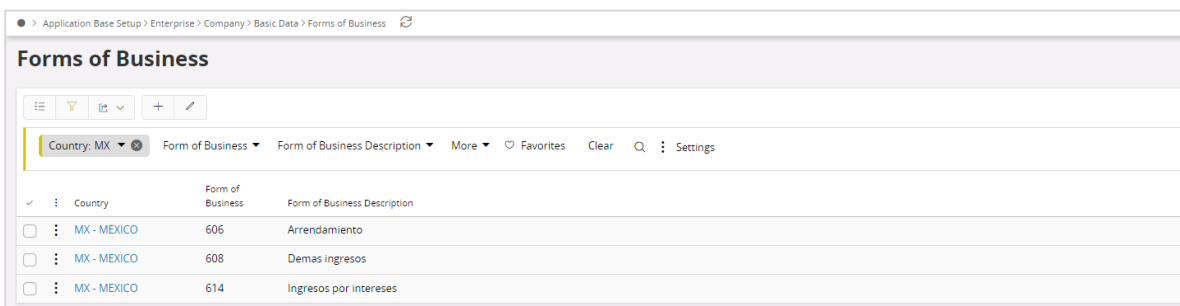
Attachments

Invoice reason will be added to the elInvoice .xml file under section BuyerPartDetails;

- MXInvoiceReason

4.5.3 DEFINE FORM OF BUSINESS

Enter form of business code for your company in the *Application Base Setup/Enterprise/Company/Basic Data/Forms of Business* page.



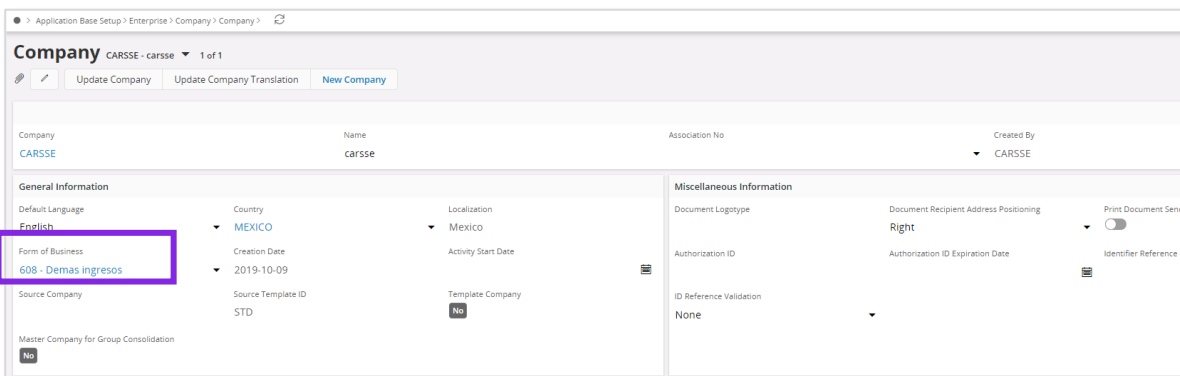
Application Base Setup > Enterprise > Company > Basic Data > Forms of Business

Forms of Business

Country: MX Form of Business Form of Business Description More Favorites Clear Settings

Country	Form of Business	Form of Business Description
MX - MEXICO	606	Arrendamiento
MX - MEXICO	608	Demas ingresos
MX - MEXICO	614	Ingresos por intereses

Connect the form of business to the company in the *Application Base Setup/Enterprise/Company/Company* page.



Application Base Setup > Enterprise > Company > Company

Company CAR SSE - carsse 1 of 1

Update Company | Update Company Translation | New Company

Company: CAR SSE, Name: carsse, Association No: , Created By: CAR SSE

General Information

Default Language: English, Country: MEXICO, Localization: MEXICO

Form of Business: 608 - Demas ingresos, Creation Date: 2019-10-09, Activity Start Date:

Source Company: STD, Template Company: No

Master Company for Group Consolidation: No

Miscellaneous Information

Document Logotype: , Document Recipient Address Positioning: Right, Print Document Send:

Authorization ID: , Authorization ID Expiration Date: , Identifier Reference:

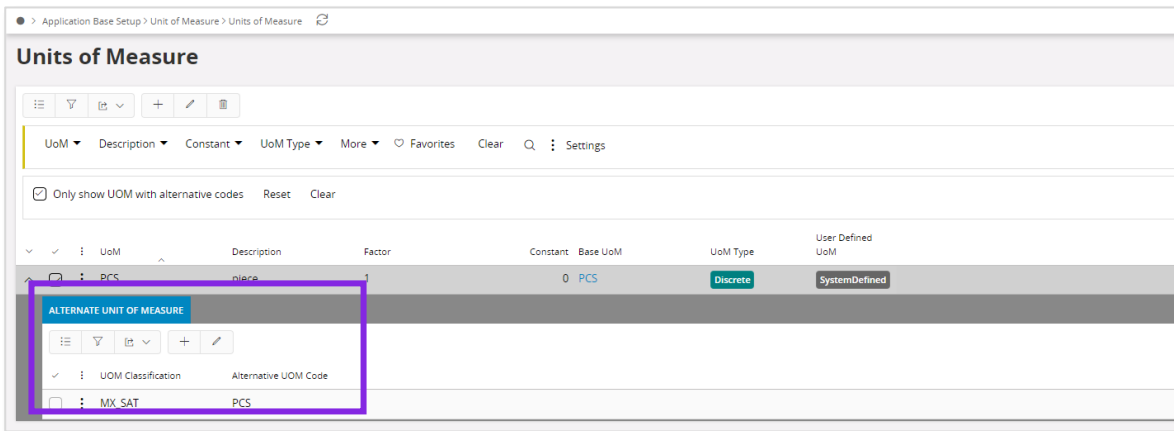
ID Reference Validation: None

Form of business will be added to the elInvoice .xml file under section SellerPartyDetails;

- MXSellerFormOfBusiness.

4.5.4 DEFINE ALTERNATE UNIT OF MEASURE

In *Application Base Setup/Unit of Measure/Units of Measure* page, set up alternative unit of measure in field **UoM Classification**. Use prefix MX, for Mexico.

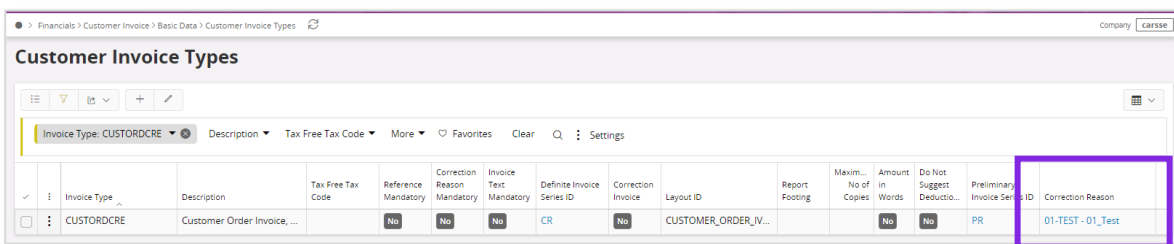


In the einvoice.xml file, the unit of measure information will be available under section InvoiceRow;

- MXAlternativeUnitPriceUnitCode
- MXAlternativeQuantityUnitCode

4.5.5 DEFINE CORRECTION REASON

Correction reason is used as the type of relation between invoices in Mexico. Follow the core process and add correction reason in *Financials/Customer Invoice/Basic Data/Customer Invoice Types* page in field **Correction Reason**, for the correction reason to be fetched automatically. When you create the Customer Order Credit Invoice, the correction reason specified in *Customer Invoice Types* page will be fetched automatically. It is possible to change the value from *Customer Invoice* page.



Correction reason is added to the eInvoice .xml file under section InvoiceDetails;

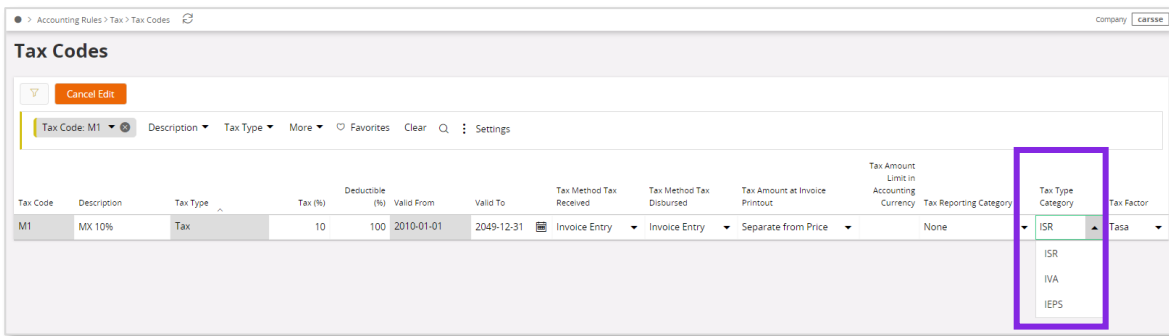
- MXCorrectionReasonID

4.5.6 DEFINE TAX TYPE CATEGORY

Tax type category (CFDI tax classification) are three different values that are pre-defined by the Mexican government. Each of these three values has a corresponding ID that must be included in the einvoice file.

Tax Type Category
ISR
IVA
IEPS

Set up tax type category per tax code in *Accounting Rules/Tax/Tax Codes* page in field **Tax Type Category**.

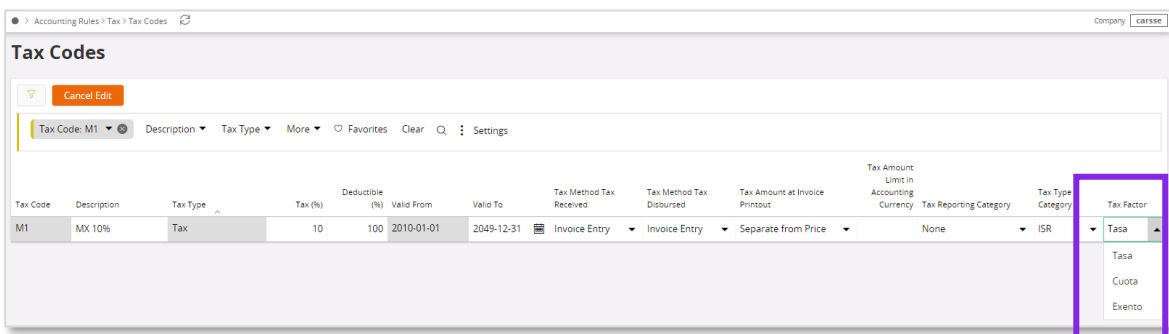


In the eInvoice .xml file, the Tax Type Category is added in following places;

- InvoiceRow -> MXRowWithheldSpecificationDetails-> MXRowWithheldTaxTypeCategory
- MXWithheldSpecificationDetails -> MXWithheldTaxTypeCategory
- VatSpecificationDetails -> MXTaxTypeCategory
- Invoice Row-> MXRowTaxSpecificationDetails -> MXRowTaxTypeCategory

4.5.7 DEFINE TAX FACTOR

Tax factor are three different values that are pre-defined by the Mexican government and must be included in the eInvoice .xml file. Define tax factor per tax code in *Accounting Rules/Tax/Tax Codes* page in field **Tax Factor**.



Tax code information is added to the following places in the eInvoice .xml file:

- InvoiceRow -> MXRowWithheldSpecificationDetails -> MXRowWithheldTaxFactor
- Invoice Row-> MXRowTaxSpecificationDetails -> MXRowTaxFactor
- VatSpecificationDetails -> MXTaxFactor

4.5.8 ALPHA 3 COUNTRY CODES

Alpha 3 country code definition is used in Mexico. Therefore, for the following tags, Alpha 3 Country code will be fetched from *ISO Code Usage/Country Page*;

- BuyerPostalAddressDetails -> CountryCode
- SellerPostalAddressDetails -> CountryCode
- DeliveryPostalAddressDetails -> CountryCode

4.5.9 CUSTOMER TAX ID NUMBER

The Customer Tax Id number will be represented from the following Tags for Mexico;

- BuyerPartyDetails-> MXCustomerTaxIDNumber (Customer Tax ID Number (Generic Tax Id Number))

- BuyerPartyDetails-> MXCustomerTaxIDNumberForeign (Tax identification number of the customer when its residence is not Mexico)

Address DGMX-CIS - DG Mexican einvoice customer 1 of 3

Customer: DGMX-CIS, Name: DG Mexican einvoice customer, Association No: MXC

Address ID: ADD-1

GENERAL ADDRESS INFORMATION | DELIVERY TAX INFORMATION | **DOCUMENT TAX INFORMATION** | SALES ADDRESS INFORMATION

Validate Tax ID Number

Tax identification number of the customer when its residence is not Mexico represented in MXCustomerTaxIDNumberForeign

Company	Supply Country	Delivery Country	Tax ID Type	Tax ID Number
DGMX	MEXICO	UNITED STATES	US	US1234567890
DGMX	MEXICO	MEXICO	MX	MX1234567890

Generic Tax Id Number represented in Tag MXCustomerTaxIDNumber

It is recommended to set up a generic tax id number for supply country and delivery country "Mexico" in customer document/invoice address.

4.5.9.1

4.6 Create Customer Order

If required, create a customer order by following the standard process specified in IFS Cloud Documentation.

4.7 Create Invoices

4.7.1 CREATE CUSTOMER ORDER INVOICE

Create a customer order invoice by following the standard process specified in IFS Cloud Documentation.

Add discount information from the *Customer Order Line Discount* dialog;

Sales Part No	Sales Part Description	Order No	Line No	Del No
3	3 description	P10819	1	1

Amounts					
Price/Base	Price Incl Tax/Base	Price/Curr	Price Incl Tax/Curr		
1500,00	1875,00	150,00	187,50		
Currency	Acc Disc	Acc Discount Net Amt	Acc Discount Gross Amt		
USD	10 %	15,00	18,75		

Discount Lines											
Discount Line No	Discount Type	Calculation Basis	Discount (%)	Discount Amt/Curr	Partial Sum	Net Price/Curr	Net Price/Base	Net Price Incl Tax/Curr	Net Price Incl Tax/Base	Discount Source	Discount Source Id
1	10 - General Discount 10%	150,00	10			135,00	1350,00	168,75	1687,50	Manual	

To create a customer credit/correction invoice, follow the standard process specified in IFS Cloud Documentation.

Correction reason is picked from the *Customer Invoice Types* page, from the specific invoice type, and is possible to edit.

For the following customer order invoice types, invoice reason is defaulted from the customer and possible to edit;

- Customer order invoice
- RMA without customer order reference

For the following customer order invoice types, invoice reason is defaulted from the customer order and possible to edit;

- Credit/correction invoice
- Collective invoice
- Shipment invoice
- Rebate invoice
- Self-billing
- RMA with customer order invoice reference
- RMA with customer order reference

Customer No	Customer Address Name	Series ID	Invoice No	Company	Site	Invoice Created	Order Created
CARSSE	1	CR	979900001	CARSSE	LKP1	2020-01-28	2020-01-28

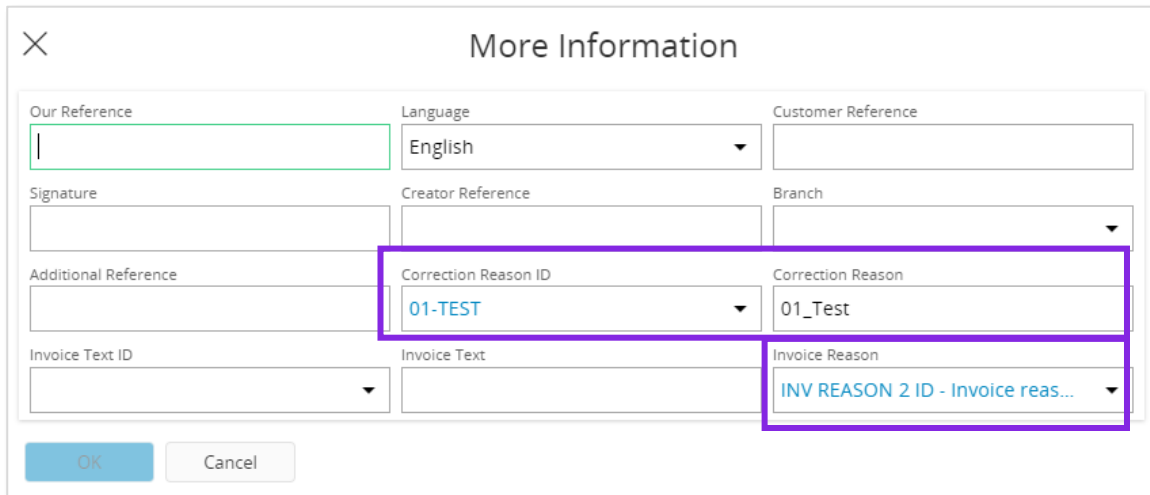
Amounts					
Currency	Gross Amt	Net Amt	Tax Amt	Currency Rate	Tax Currency Rate
USD	0,00	0,00	0,00	10	10

GENERAL				INDICATORS			
Invoice Type	Customer Address	Price Adjustment	Advance/Prepayment Invoice	Use Price Incl Tax	Notes	Correction Exist	Correction Invoice
CUSTOMDCRE - Customer Order Invoice, Credit	1	Yes	No	No	Na	No	No
Invoice Date	Printed Date	Preliminary Invoice No	Correction Reason	Invoice Reason	Correction Reason ID		
2020-01-28	2020-01-28	202433	02_test	INV REASON 1 ID - Invoice reason 1	02_TEST		
Our Reference	Customer Reference	Customer Reference Name					
ALAIN PROST							
Branch	Customer Branch	Jinsul Status					
		Non jinsul					

4.7.2 CREATE INSTANT INVOICE

To create an instant invoice template, follow the standard process specified in IFS Cloud Documentation.

From instant invoice template choose the command **More Information** to open the dialog *More Information*. Choose the correction reason and invoice reason from the drop-down list in fields **Correction Reason ID** and **Invoice Reason**.



Create an instant invoice, by following the standard process specified in IFS Cloud Documentation.

If using an instant invoice template, correction reason and invoice reason is defaulted from the template to the dialog *More Information*. Otherwise, invoice reason is defaulted from the *Customer* page and correction reason is defaulted from *Customer Invoice Types* page after value in fields **Ref Invoice Series ID** and **Ref Invoice No** has been given in the dialog *More Information*. It possible to edit the values.

To create an instant invoice recurring invoice, follow the standard process in IFS Cloud Documentation. Value for field **Invoice Reason** is defaulted from the instant invoice the recurring invoice is created for. Value for field **Correction Reason** is defaulted from *Customer Invoice Type* page. It is possible to edit the values. Field **Invoice reason** mandatory.

✕
More Information

Payment Reference	Payer C CARSSSE - carsse	Language English
Transfer Status	Tax Curr Rate 1	Our Reference
Customer Reference	Creator Reference	Signature CARSSSE
Order Date	Order No	Ref Invoice Series ID CI
Ref Invoice No 1234566	Correction Reason ID 02_TEST	Correction Reason 02_test
Branch	Customer Branch	Deduction Group
Deduction Amount	Invoice Text ID	Invoice Text
Additional Reference	Invoice Reason INV REASON 1 ID - Invoice reas...	

OK
Cancel

4.7.3 CREATE PROJECT INVOICE

Create a project invoice by following the standard process in IFS Cloud Documentation. Value in field **Invoice reason** is defaulted from the customer, but possible to edit.

Invoice Reason field is mandatory.

To create a project credit invoice or project correction invoice follow the standard process specified in IFS Cloud Documentation. Value in field **Correction Reason** is defaulted from *Customer Invoice Types* page to section *General Information* but possible to edit, and value in field **Invoice Reason** is defaulted from the project invoice field **Invoice Reason**, but possible to edit.

Project Management > Invoicing > Project Invoice

Project Invoice PR - 202940 1 of 1

Notes Invoice Text Printout **Send and Release Invoice** Customer Installment Plan

Customer	CARSSE	Customer Name	1	Project		Invoice Series	PR
Invoice No	202940	Invoice Period Start	2020-03-01	Invoice Period End	2020-03-10	Notes	No
						Invoice Text	No

Currency	Gross Amount	Net Amount	Tax Amount
GBP	-2000,00	-2000,00	0,00

LINES GENERAL PRE POSTING ACCOUNTING

Invoice Information

Invoice Date	2020-03-10	Invoice Type	PRJINVCRE	Series Reference	PJ	Invoice Number Reference	20010005
Currency Rate	1	Our Reference		Customer Ref		Order No	
Tax Currency Rate	1	Voucher Type		Voucher No		Correction Invoice	No
Correction Reason ID	01-TEST	Correction Reason	01_Test	Correction Exist	No	Div Factor	1
Currency	GBP	Invoice Reason	INV REASON 1 ID - Invoice reason 1 ID				

4.7.4 CREATE INTEREST INVOICE

Create an interest invoice following the standard process specified in IFS Cloud Documentation. In the dialog *Create and Print/Send Interest Invoices*, select correct invoice reason from the dropdown list in field **Invoice Reason**. Value is not defaulted from customer. The field **Invoice Reason** is mandatory.

Create and Print/Send Interest Invoices

User ID: CARSSE Our Reference: []

Your Reference: [] Invoice/Note Date: 2020-02-11 Voucher Date: 2020-02-11

Period: 2020-02 User Group: AC Voucher Type: F Message Class: INVOIC Media Code: E-INVOICE Invoice Reason: [] Code Parts: []

Print Options

Instant Print: []

Pre-posting

Cost Cent: [] Code C: [] Code D: [] Code E: []

Code F: [] Project Activity Seq No: []

OK Cancel

To create an interest credit invoice following the standard process specified in IFS Cloud Documentation. The invoice reason is defaulted from the interest invoice and possible to view in *Financials/Accounts receivable/Reminder and Interest/Customer Invoices Notes/Customer Interest Invoice/Note Analysis* page.

Financials > Accounts Receivable > Reminder and Interest > Customer Interest Invoices/Notes > Customer Interest Invoice/Note Analysis

Customer Interest Invoice/Note Analysis

CARSSE - IR - 970017 1 of 1

Notes Pre-posting

Customer: CARSSE - 1 Series ID: IR

Invoice/Note Identity: 970017 Invoice Type: INTRINV Notes: No

GENERAL LINES

Invoice Information

Invoice Date: 2020-02-11 Pay Term Base Date: 2020-02-11 Payment Terms: 10 - 10 Days Net

Currency Rate: 1 Tax Currency Rate: 1 Branch: Reference Invoice: IR Reference Invoice Number: 970016

Payment Reference: Language: Invoice Reason: INV REASON 2 ID - Invoice reason 2...

4.7.5 CREATE MANUAL CUSTOMER INVOICE

Create a manual customer invoice by following the standard process specified in IFS Cloud Documentation.

In section, *More Information*, value for field **Invoice Reason** is defaulted from the customer but possible to edit.

Financials > Customer Invoice > New Manual Customer Invoice

New Manual Customer Invoice

Header Information Line Information Posting Information

Company: CARSSE Voucher Date: 2020-03-10 Accounting Year: 2020 Accounting Period: 3 User Group: AC Voucher Type: F Voucher No:

Customer: CARSSE - carsse Series ID: CI Invoice No: 3451 Currency: GBP Invoice type: CUSTINV Advance Invoice:

More Information

Invoice Date: 2020-03-10 Delivery Date: 2020-03-10 Pay Term Base Date: 2020-03-10 Payment Terms: 0 - Due Immediately Due Date: 2020-03-10 Delivery Address: 1 Currency Rate: 1

Tax Currency Rate: 1 Customer Reference: Reference Series: CI Reference Invoice No: 12234556 Voucher Type: Voucher Date:

Period: Deduction Group: Deduction Amount: 0 Payment Method: Payment Address ID: Payer: CARSSE Payment Reference:

Transfer Status: Language Code: English Branch: Customer Branch: Project ID: Tax Invoice Series ID: Tax Invoice Number: Tax Invoice Date:

Creator Reference: Additional Reference: Correction Reason ID: 01-TEST Correction Reason: 01_Test Invoice Reason: INV REASON 1 ID - Invoice reason 1 ID

4.7.6 CONNECT RELATED INVOICES TO A NEW INVOICE

A connection between related invoices with an UUID number and the new invoice can be done, using the UUID number for the invoice. In Mexico this must be done for cancelled invoices. This functionality is supported for Instant invoice, Project Invoice and Customer Invoice.

Enter the related invoice UUID number in field **Related UUID Number** manually or by using the LOV in the field. Several UUID numbers can be entered in the same field divided with a “;” (the field has 4000 characters).

If a related invoice UUID number is entered manually, it is verified that it exists in *Sent Invoices* page.

When added to the invoice, the related UUID number/numbers are visible in *Customer Invoices Analysis* and *Customer Invoice Analysis* pages in column/field **Related UUID Number**.

Financials > Customer Invoice > Analysis > Customer Invoices Analysis

Customer Invoices Analysis

Customer Name: EMEDA-MEX - EMED | Series ID: CD | Invoice No: 970000028 | UUID Date: 2022-06-22

Customer	Series ID	Invoice No	UUID Number	UUID Date	Related UUID Number
EMEDA-MEX - EMED	CD	970000028	c147df92-eb5a-11ea-adc1-0242ad520957	2022-06-22	c147df92-bo5a-11ea-adc1-0242cu520501

Customer Invoice Analysis - CD - 970000028 - 22 of 22

Customer: EMEDA-MEX - EMEDA Mexico 1 | Invoice Type: CUSTORDDEB | Series: CD

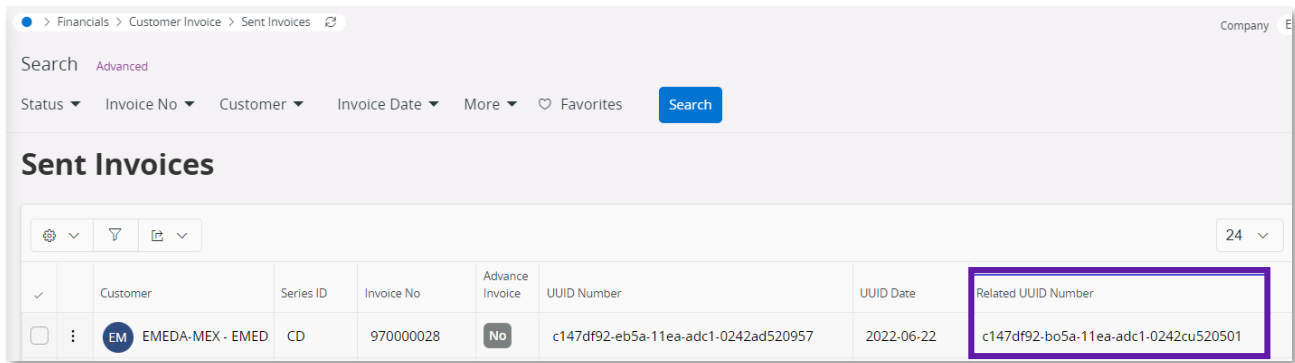
Invoice Date: 2022-06-22 | Delivery Date: 2022-06-22 | Currency: USD | Tax Amount: 10,00

Payment and Tax Information: Payment Terms: 30 - 30 Days Net | Payer: EMEDA-MEX - EMEDA Mexico 1

More Information

Voucher Type: F	Voucher No: 2022000183	Voucher Date: 2022-06-22
Period: 2022 6	Tax Currency Rate: 1	Tax Inv Series ID
Tax Inv No	Tax Inv Date	Customer Reference
Creator Reference: P11193	Transfer Status	Language: English
Branch	Customer Branch	
Correction Reason: TEST test correction reason		Preliminary Invoice No
Invoice Text		Send Status: Transferred
Self-Billing Ref No	Additional Reference	Reposted From Identity
Media Code: E-INVOICE	Customer Group: 0	
Reposted To Identity	Invoice Reason: TEST - test	
UUID Number		UUID Date
Related UUID Number : c147df92-bo5a-11ea-adc1-0242cu520501		One-Time Customer: No

When the invoice is sent, the related UUID number/numbers are visible in *Sent Invoices* in column **Related UUID Number**.



Customer	Series ID	Invoice No	Advance Invoice	UUID Number	UUID Date	Related UUID Number
EM EMEDA-MEX - EMED	CD	97000028	No	c147df92-eb5a-11ea-adc1-0242ad520957	2022-06-22	c147df92-bo5a-11ea-adc1-0242cu520501

The .xml file is generated when the invoice is sent, and the file is placed in IFS Connect OUT folder.

The related UUID number/numbers is added in the .xml file;
InvoiceDetails;

MXRelatedUUIDNumber = related UUID number

4.8 einvoice .xml file

When the template eInvoice .xml file is generated, it is placed in IFS Connect OUT folder.

Note that .xml files for credit invoices does not show negative values-

For more detailed information about the added tags, see chapter appendix 1, Mapping document for eInvoice .xml file.

4.8.1 CUSTOMER ORDER INVOICE

Generate the eInvoice file by following the standard process specified in IFS Cloud Documentation.

To support the Mexican legislation the below information is included in the outbound eInvoice .xml file.

Value	eInvoice .xml File
Invoice Reason	BuyerPartyDetails -> MXInvoiceReason
Form of Business	SellerPartyDetails -> MXSellerFormOfBusiness
Withholding Tax Information Note: Group by Tax Type category and withheld tax rate	Displayed under the new Section MXWithheldSpecificationDetails as follows: MXWithheldSpecificationDetails -> MXWithheldTaxTypeCategory MXWithheldSpecificationDetails -> MXTaxTypeCategoryWithheldAmount MXWithheldSpecificationDetails -> MXWithheldRatePercent
Withholding Tax Information – Invoice Rows	Displayed under the new Section MXRowWithheldSpecificationDetails as follows:

Value	eInvoice .xml File
	<p>InvoiceRow -> MXRowWithheldSpecificationDetails-> MXRowBaseWithheldAmount</p> <p>InvoiceRow -> MXRowWithheldSpecificationDetails-> MXRowWithheldTaxTypeCategory</p> <p>InvoiceRow -> MXRowWithheldSpecificationDetails-> MXRowWithheldTaxFactor</p> <p>InvoiceRow -> MXRowWithheldSpecificationDetails-> MXRowWithheldRatePercent</p> <p>InvoiceRow -> MXRowWithheldSpecificationDetails-> MXRowWithheldAmount</p>
<p>Invoice Vat Summary information Note:_Group by Tax Type category and tax rate</p>	<p>VatSpecificationDetails -> MXTaxTypeCategory</p> <p>VatSpecificationDetails -> MXTaxFactor</p> <p>VatSpecificationDetails -> VatRatePercent</p> <p>VatSpecificationDetails -> VatRateAmount</p> <p>InvoiceDetails -> MXInvoiceTotalWithheldAmount</p>
<p>Multiple Tax Lines in Invoice</p>	<p>Displayed under the new Section MXRowTaxSpecificationDetails as follows:</p> <p>Invoice Row-> MXRowTaxSpecificationDetails -> MXRowProportionalBaseAmount</p> <p>Invoice Row-> MXRowTaxSpecificationDetails -> MXRowTaxTypeCategory</p> <p>Invoice Row-> MXRowTaxSpecificationDetails -> MXRowTaxFactor</p> <p>Invoice Row-> MXRowTaxSpecificationDetails -> MXRowTaxRatePercent</p> <p>Invoice Row-> MXRowTaxSpecificationDetails -> MXRowProportionalTaxAmount</p>
<p>Advance Invoice Connected Final Invoice Note:_If advance invoice connected to the final Invoice then, MXArticleName will be printed in.xml like below</p>	<p>MXArticleName</p>

Value	eInvoice .xml File
sales pat description + CFDI por remanente de anticipo	
Invoice Type Code for Mexico Note: In case of invoice it can be one of the following values: - I – Ingreso – debit invoice - E – Egreso – credit invoice If <InvoiceTypeCode> is INV01 (when invoice amount is positive) then print the value "I" for <MXInvoiceTypeCode> If <InvoiceTypeCode> is INV02 (when invoice amount is negative) then print the value "E" for <MXInvoiceTypeCode>	MXInvoiceTypeCode
Package Part Information	Invoice Row-> MXRowComponentPartDetails -> MXRowComponentPartCustomsDetails-> MXCustomsDeclarationNumber" Invoice Row-> MXRowComponentPartDetails -> MXGoodsServiceStatisticalCode InvoiceRow -> MXRowComponentPartDetails -> MXRowCompPartArticleIdentifier InvoiceRow -> MXRowComponentPartDetails -> MXRowCompPartDeliveredQuantity
Goods/Services Statistical Code	InvoiceRow -> MXGoodsServiceStatisticalCode
Alternate Unit of Measure	MXAlternativeUnitPriceUnitCode MXAlternativeQuantityUnitCode
Payment Method	MXPaymentMethod
MetodoPago Note: If <InvoiceDate> = <InvoiceDueDate> Then pass the value as "PUE" to MXPaymentTerm Else Pass the value as "PPD".	MXPaymentTerm
Customs declaration number	Invoice Row-> MXRowCustomsDetails-> MXCustomsDeclarationNumber
Sales Amount per Invoice line Note: Sales Price x Number of Units	InvoiceRow -> MXRowPricePerQuantityAmount
Net Amount per Invoice line Note: If there are Advance Invoices connected to the Invoice, then the	InvoiceRow-> MXRowTaxSpecificationDetails -> MXRowProportionalBaseAmount

Value	eInvoice .xml File
total advance invoice net amount will be proportionated and deduct from the Invoice Line Net amount.	
Proportionate Discount Amount per invoice line Note: If there are Advance Invoices connected to the Invoice, the sum of advance invoice net amount will be treated as Discount Amount. Then it will be Proportionated to Invoice lines based on Total net amount of the Invoice.	InvoiceRow -> MXRowProportionalDiscountAmount
Tax Amount per Invoice Tax line Note: If there are Advance Invoices connected to the Invoice then the total advance invoice Vat amount will be Proportionated and deduct from the Invoice Tax Line Tax amount.	InvoiceRow-> MXRowTaxSpecificationDetails - > MXRowProportionalTaxAmount
Total Vat Amount of the Invoice Note: Sum of MXRowProportionalTaxAmount in Invoice Tax Lines	MXTotalVatAmount
Total Withholding Tax Note: If the Withholding tax included in connected Advance Invoice, those will be deducted from the Invoice total withholding tax amount	MXInvoiceTotalWithhelAmount
Total Discount Amount Note: In Mexico, Advance Invoice net amount is treated as discount amount	MXInvoiceTotalDiscountAmount
Invoice Total Amount Note: If there are advance invoices connected to the invoice the calculation will be as follows: Abs(InvoiceTotalVatExcludedAmount) - Abs(MXInvoiceTotalDiscountAmount) + Abs(MXTotalVatAmount) - Abs(MXInvoiceTotalWithhelAmount)+	MXInvoiceTotalAmount
Customer Tax ID Number (Generic Tax Id Number)	MXCustomerTaxIDNumber
Tax identification number of the customer when its residence is not Mexico	MXCustomerTaxIDNumberForeign
Related UUID Number Note: UUID Number of the related invoice	MXRelatedUUIDNumber
Correction Reason	InvoiceDetails -> MXCorrectionReasonID
Version Note-Indicates the version of the standard under which CFDI is issued.	MXVersion

Value	eInvoice .xml File
Current version is 4.0.	
Export Note- It is used for express if the voucher covers an export operation. 01 – Does not Apply 02 – Definitive	InvoiceDetails -> MXExport
Customer's Zip Code The Zip code from the default document address should be fetched.	BuyerPartyDetails -> BuyerPostalAddressDetails - >BuyerPostCodeIdentifier
Tax Regime of customer Note - Indicates Tax regime of customer. If default document address of customer is Mexico value should be fetched from Form of business and otherwise should be 616.	BuyerPartyDetails -> MXBuyerFormOfBusiness
Tax Object Note- It is used to indicate if the commercial operation is subject to tax or not. 01 – Not subject to tax 02 – Subject to tax If the invoice line contain tax codes with tax type No Tax, value should be 01 (Not Subject to tax) and otherwise value should be 02 (Subject to tax).	InvoiceRow -> MXTaxable

4.8.2 INSTANT INVOICE/INSTANT RECURRING INVOICE/INSTANT CORRECTION INVOICE
Generate the eInvoice .xml file by follow the standard process described in IFS Cloud Documentation.

To support the Mexican legislation additional information is added to file:

Value	eInvoice .xml File
Invoice Reason	BuyerPartDetails -> MXInvoiceReason
Form of Business	SellerPartyDetails -> MXSellerFormOfBusiness
Withholding Tax Information Note: Group by Tax Type category and withheld tax rate	Displayed under the new Section MXWithheldSpecificationDetails as follows: MXWithheldSpecificationDetails -> MXWithheldTaxTypeCategory MXWithheldSpecificationDetails -> MXTaxTypeCategoryWithheldAmount MXWithheldSpecificationDetails - >MXWithheldRatePercent

Value	eInvoice .xml File
<p>Withholding Tax Information – Invoice Rows</p>	<p>Displayed under the new Section MXRowWithheldSpecificationDetails as follows:</p> <p>InvoiceRow -> MXRowWithheldSpecificationDetails->MXRowBaseWithheldAmount</p> <p>InvoiceRow -> MXRowWithheldSpecificationDetails->MXRowWithheldTaxTypeCategory</p> <p>InvoiceRow -> MXRowWithheldSpecificationDetails->MXRowWithheldTaxFactor</p> <p>InvoiceRow -> MXRowWithheldSpecificationDetails->MXRowWithheldRatePercent</p> <p>InvoiceRow -> MXRowWithheldSpecificationDetails->MXRowWithheldAmount</p>
<p>Invoice Vat Summary information Note: Group by Tax Type category and tax rate</p>	<p>VatSpecificationDetails -> MXTaxTypeCategory</p> <p>VatSpecificationDetails -> MXTaxFactor</p> <p>VatSpecificationDetails -> VatRatePercent</p> <p>VatSpecificationDetails -> VatRateAmount</p> <p>InvoiceDetails -> MXInvoiceTotalWithheldAmount</p>
<p>Multiple Tax Lines in Invoice</p>	<p>Displayed under the new Section MXRowTaxSpecificationDetails as follows:</p> <p>Invoice Row-> MXRowTaxSpecificationDetails -> MXRowProportionalBaseAmount</p> <p>Invoice Row-> MXRowTaxSpecificationDetails -> MXRowTaxTypeCategory</p> <p>Invoice Row-> MXRowTaxSpecificationDetails -> MXRowTaxFactor</p> <p>Invoice Row-> MXRowTaxSpecificationDetails -> MXRowTaxRatePercent</p>

Value	eInvoice .xml File
	Invoice Row-> MXRowTaxSpecificationDetails -> MXRowProportionalTaxAmount
Advance Invoice Connected Final Invoices Note: If advance invoice connected to the final Invoice then, MXArticleName will be added to the .xml as below sales pat description + CFDI por remanente de anticipo	MXArticleName
Invoice Type Code for Mexico Note: In case of invoice it can be one of the following values: - I – Ingreso – debit invoice - E – Egreso – credit invoice If <InvoiceTypeCode> is INV01 (when invoice amount is positive) then print the value "I" for <MXInvoiceTypeCode> If <InvoiceTypeCode> is INV02 (when invoice amount is negative) then print the value "E" for <MXInvoiceTypeCode>	MXInvoiceTypeCode
Goods/Services Statistical Code	InvoiceRow -> MXGoodsServiceStatisticalCode
Alternate Unit of Measure	MXAlternativeUnitPriceUnitCode MXAlternativeQuantityUnitCode
Payment Method	MXPaymentMethod
MetodoPago Note: If <InvoiceDate> = <InvoiceDueDate> Then pass the value as "PUE" to MXPaymentTerm Else Pass the value as "PPD".	MXPaymentTerm
Sales Amount per Invoice line Note: Sales Price x Number of Units	InvoiceRow -> MXRowPricePerQuantityAmount
Net Amount per Invoice line Note: If there are Advance Invoices connected to the Invoice and Discount specified in Installment plan, then the total advance invoice net amount and the discount amount will be Proportionated and deduct from the Invoice Line Net amount.	InvoiceRow-> MXRowTaxSpecificationDetails -> MXRowProportionalBaseAmount

Value	eInvoice .xml File
Proportionate Discount Amount per invoice line Note: If there are Advance Invoices connected to the Invoice and Discount specified in Installment plan, the sum of advance invoice net amount and discount amount will be treated as the Invoice Discount Amount. Then it will be Proportionated to Invoice lines based on Total net amount of the Invoice.	InvoiceRow -> MXRowProportionalDiscountAmount
Tax Amount per Invoice Tax line Note: If there are Advance Invoices connected to the Invoice and Discount specified in Installment plan, then the total advance invoice Vat amount and vat amount portion of the Discount will be Proportionated and deduct from the Invoice Tax Line Tax amount.	InvoiceRow-> MXRowTaxSpecificationDetails -> MXRowProportionalTaxAmount
Total Vat Amount of the Invoice Note: Sum of MXRowProportionalTaxAmount in Invoice Tax Lines	MXTotalVatAmount
Total Withholding Tax Note: If the Withholding tax included in connected advance invoice, those will be deducted from the invoice total withholding tax amount	MXInvoiceTotalWithhelAmount
Total Discount Amount Note: In Mexico, advance invoice net amount and discount amount in installment plan are treated as discount	MXInvoiceTotalDiscountAmount
Invoice Total Amount Note: If there are advance invoices connected to the invoice and discount amount specified in installment plan, the calculation will be as follows: $\text{Abs (InvoiceTotalVatExcludedAmount)} - \text{Abs (MXInvoiceTotalDiscountAmount)} + \text{Abs (MXTotalVatAmount)} - \text{Abs (MXInvoiceTotalWithhelAmount)} +$	MXInvoiceTotalAmount
Customer Tax ID Number (Generic Tax Id Number)	MXCustomerTaxIDNumber
Tax identification number of the customer when its residence is not Mexico	MXCustomerTaxIDNumberForeign
Related UUID Number Note: UUID Number of the related invoice	MXRelatedUUIDNumber
Correction Reason	InvoiceDetails -> MXCorrectionReasonID

Value	eInvoice .xml File
Version Note-Indicates the version of the standard under which CFDI is issued. Current version is 4.0.	MXVersion
Export Note- It is used for express if the voucher covers an export operation. 01 – Does not Apply 02 – Definitive	InvoiceDetails -> MXExport
Customer's Zip Code The Zip code from the default document address should be fetched.	BuyerPartyDetails -> BuyerPostalAddressDetails -> BuyerPostCodeIdentifier
Tax Regime of customer Note - Indicates Tax regime of customer. If default document address of customer is Mexico value should be fetched from Form of business and otherwise should be 616.	BuyerPartyDetails -> MXBuyerFormOfBusiness
Tax Object Note- It is used to indicate if the commercial operation is subject to tax or not. 01 – Not subject to tax 02 – Subject to tax If the invoice line contain tax codes with tax type No Tax, value should be 01 (Not Subject to tax) and otherwise value should be 02 (Subject to tax).	InvoiceRow -> MXTaxable

4.8.3 PROJECT INVOICE

Generate the eInvoice .xml file by following the standard process described in IFS Cloud Documentation.

To support the Mexican legislation the additional information below is added to the eInvoice .xml file:

Value	eInvoice .xml File
Invoice Reason	BuyerPartDetails -> MXInvoiceReason
Form of Business	SellerPartyDetails -> MXSellerFormOfBusiness
Withholding Tax Information Note: Group by Tax Type category and withheld tax rate	Displayed under the new Section MXWithheldSpecificationDetails as follows: MXWithheldSpecificationDetails -> MXWithheldTaxTypeCategory

Value	elinvoice .xml File
	<p>MXWithheldSpecificationDetails -> MXTaxTypeCategoryWithheldAmount</p> <p>MXWithheldSpecificationDetails -> MXWithheldRatePercent</p>
Withholding Tax Information – Invoice Rows	<p>Displayed under the new Section MXRowWithheldSpecificationDetails as follows:</p> <p>InvoiceRow -> MXRowWithheldSpecificationDetails->MXRowBaseWithheldAmount</p> <p>InvoiceRow -> MXRowWithheldSpecificationDetails->MXRowWithheldTaxTypeCategory</p> <p>InvoiceRow -> MXRowWithheldSpecificationDetails->MXRowWithheldTaxFactor</p> <p>InvoiceRow -> MXRowWithheldSpecificationDetails->MXRowWithheldRatePercent</p> <p>InvoiceRow -> MXRowWithheldSpecificationDetails->MXRowWithheldAmount</p>
Invoice Vat Summary information Note: Group by tax type category and tax rate	<p>VatSpecificationDetails -> MXTaxTypeCategory</p> <p>VatSpecificationDetails -> MXTaxFactor</p> <p>VatSpecificationDetails -> VatRatePercent</p> <p>VatSpecificationDetails -> VatRateAmount</p> <p>InvoiceDetails -> MXInvoiceTotalWithheldAmount</p>
Multiple Tax Lines in Invoice	<p>Displayed under the new Section MXRowTaxSpecificationDetails as follows:</p> <p>Invoice Row-> MXRowTaxSpecificationDetails -> MXRowProportionalBaseAmount</p> <p>Invoice Row-> MXRowTaxSpecificationDetails -> MXRowTaxTypeCategory</p>

Value	elinvoice .xml File
	Invoice Row-> MXRowTaxSpecificationDetails -> MXRowTaxFactor Invoice Row-> MXRowTaxSpecificationDetails -> MXRowTaxRatePercent Invoice Row-> MXRowTaxSpecificationDetails -> MXRowProportionalTaxAmount
Invoice Type Code for Mexico Note: In case of invoice it can be one of the following values: - I – Ingreso – debit invoice - E – Egreso – credit invoice If <InvoiceTypeCode> is INV01 (when invoice amount is positive) then print the value "I" for <MXInvoiceTypeCode> If <InvoiceTypeCode> is INV02 (when invoice amount is negative) then print the value "E" for <MXInvoiceTypeCode>	MXInvoiceTypeCode
Goods/Services Statistical Code	InvoiceRow -> MXGoodsServiceStatisticalCode
Alternate Unit of Measure	MXAlternativeUnitPriceUnitCode MXAlternativeQuantityUnitCode
Payment Method	MXPaymentMethod
MetodoPago Note: If <InvoiceDate> = <InvoiceDueDate> Then pass the value as "PUE" to MXPaymentTerm Else Pass the value as "PPD".	MXPaymentTerm
Sales Amount per Invoice line Note: Sales Price x Number of Units	InvoiceRow -> MXRowPricePerQuantityAmount
Net Amount per Invoice line	InvoiceRow-> MXRowTaxSpecificationDetails -> MXRowProportionalBaseAmount
Tax Amount per Invoice Tax line	InvoiceRow-> MXRowTaxSpecificationDetails -> MXRowProportionalTaxAmount

Value	elinvoice .xml File
Total Vat Amount of the Invoice	MXTotalVatAmount
Total Withholding Tax	MXInvoiceTotalWithhelAmount
Invoice Total Amount	MXInvoiceTotalAmount
Customer Tax ID Number (Generic Tax Id Number)	MXCustomerTaxIDNumber
Tax identification number of the customer when its residence is not Mexico	MXCustomerTaxIDNumberForeign
Correction Reason	InvoiceDetails -> MXCorrectionReasonID
Related UUID Number Note: UUID Number of the related invoice	MXRelatedUUIDNumber
Version Note-Indicates the version of the standard under which CFDI is issued. Current version is 4.0.	MXVersion
Export Note- It is used for express if the voucher covers an export operation. 01 – Does not Apply 02 – Definitive	InvoiceDetails -> MXExport
Customer's Zip Code The Zip code from the default document address should be fetched.	BuyerPartyDetails -> BuyerPostalAddressDetails ->BuyerPostCodeIdentifier
Tax Regime of customer Note - Indicates Tax regime of customer. If default document address of customer is Mexico value should be fetched from Form of business and otherwise should be 616.	BuyerPartyDetails -> MXBuyerFormOfBusiness
Tax Object Note- It is used to indicate if the commercial operation is subject to tax or not. 01 – Not subject to tax 02 – Subject to tax If the invoice line contain tax codes with tax type No Tax, value should be 01 (Not Subject to tax) and otherwise value should be 02 (Subject to tax).	InvoiceRow -> MXTaxable

4.8.4 INTEREST INVOICE

Send the eInvoice .xml file by following the standard process described in IFS Cloud Documentation.

To support the Mexican legislation the additional information below is added to the file:

Value	eInvoice .xml File
Invoice Reason	BuyerPartDetails -> MXInvoiceReason
Form of Business	SellerPartyDetails -> MXSellerFormOfBusiness
Invoice Vat Summary information Note: Group by tax type category and tax rate	VatSpecificationDetails -> MXTaxTypeCategory VatSpecificationDetails -> MXTaxFactor VatSpecificationDetails -> VatRatePercent VatSpecificationDetails -> VatRateAmount InvoiceDetails -> MXInvoiceTotalWithheldAmount
Tax Lines in Invoice	Displayed under the new Section MXRowTaxSpecificationDetails as follows: Invoice Row-> MXRowTaxSpecificationDetails -> MXRowProportionalBaseAmount Invoice Row-> MXRowTaxSpecificationDetails -> MXRowTaxTypeCategory Invoice Row-> MXRowTaxSpecificationDetails -> MXRowTaxFactor Invoice Row-> MXRowTaxSpecificationDetails -> MXRowTaxRatePercent Invoice Row-> MXRowTaxSpecificationDetails -> MXRowProportionalTaxAmount
Invoice Type Code for Mexico Note: In case of invoice it can be one of the following values: - I – Ingreso – debit invoice - E – Egreso – credit invoice If <InvoiceTypeCode> is INV01 (when invoice amount is positive) then print the value "I" for <MXInvoiceTypeCode>	MXInvoiceTypeCode

Value	eInvoice .xml File
If <InvoiceTypeCode> is INV02 (when invoice amount is negative) then print the value "E" for <MXInvoiceTypeCode>	
Alternate Unit of Measure	MXAlternativeUnitPriceUnitCode MXAlternativeQuantityUnitCode
Payment Method	MXPaymentMethod
MetodoPago Note: If <InvoiceDate> = <InvoiceDueDate> Then pass the value as "PUE" to MXPaymentTerm Else Pass the value as "PPD".	MXPaymentTerm
Net Amount per Invoice line	InvoiceRow-> MXRowTaxSpecificationDetails -> MXRowProportionalBaseAmount
Tax Amount per Invoice Tax line	InvoiceRow-> MXRowTaxSpecificationDetails -> MXRowProportionalTaxAmount
Total Vat Amount of the Invoice	MXTotalVatAmount
Invoice Total Amount	MXInvoiceTotalAmount
Customer Tax ID Number (Generic Tax Id Number)	MXCustomerTaxIDNumber
Tax identification number of the customer when its residence is not Mexico	MXCustomerTaxIDNumberForeign
Version Note-Indicates the version of the standard under which CFDI is issued. Current version is 4.0.	MXVersion
Export Note- It is used for express if the voucher covers an export operation. 01 – Does not Apply 02 – Definitive	InvoiceDetails -> MXExport
Customer's Zip Code The Zip code from the default document address should be fetched.	BuyerPartyDetails -> BuyerPostalAddressDetails -> >BuyerPostCodeIdentifier
Tax Regime of customer Note - Indicates Tax regime of customer. If default document address of customer is Mexico value should be	BuyerPartyDetails -> MXBuyerFormOfBusiness

Value	eInvoice .xml File
<p>fetches from Form of business and otherwise should be 616.</p>	
<p>Tax Object Note- It is used to indicate if the commercial operation is subject to tax or not. 01 – Not subject to tax 02 – Subject to tax If the invoice line contain tax codes with tax type No Tax, value should be 01 (Not Subject to tax) and otherwise value should be 02 (Subject to tax).</p>	<p>InvoiceRow -> MXTaxable</p>

4.9 Send eInvoice file

The invoice eInvoice .xml file is placed in the IFS Connect Out-folder. From the out-folder an authorized intermediary/service provider PAC will pick it up. PAC verifies the file and sends it to the government authority SAT. SAT approves the file and returns a response file to PAC with an authorization number and date (UUID number and UUID date). PAC places the response .xml file in IFS Connect IN folder.

Read more about IFS Connect in IFS Technical documentation.

4.10 Read Response file

PAC will, if needed, change the format of the response xml file to a format suitable for IFS Cloud, and placed the response xml file in IFS Connect IN folder. From the IN folder, the response file is automatically or manually read by IFS Cloud and UUID number and payment UUID date is update in different analysis pages, read more about the analysis pages in chapter Analyse Payment.

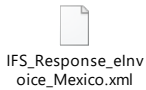
PAC will, if needed, change the format of the response .xml file to a format readable by IFS Cloud and place the response file in the IFS Connect In-folder. From the in-folder, the response file is automatically or manually read by IFS Cloud and the UUID number and payment UUID date is updated on the invoice. The information is visible in several analysis pages.

4.10.1 FORMAT OF THE EINVOICE RESPONSE .XML FILE:

```

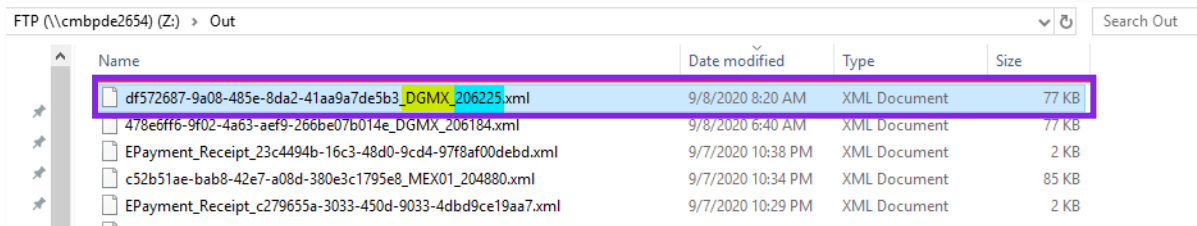
<?xml version="1.0" encoding="UTF-8"?>
- <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  - <SOAP-ENV:Header>
    - <fndcn:Message SOAP-ENV:mustUnderstand="1" xmlns:fndcn="urn:ifsworld-com:schemas:fndcn">
      <fndcn:Type>CONNECT</fndcn:Type>
      <fndcn:Function>MX_EINVOICE_RESPONSE</fndcn:Function>
      <fndcn:Sender/>
      <fndcn:Receiver/>
      <fndcn:SentAt/>
      <fndcn:ExpiresAt/>
    </fndcn:Message>
  </SOAP-ENV:Header>
  - <SOAP-ENV:Body>
    - <MxEInvoiceResponse xmlns="urn:ifsworld-com:schemas:receive_e_invoice_response_receive_response_request">
      <FileName>13188440153_DGMX_209262</FileName>
      <MxUuidDate>2020-07-08</MxUuidDate>
      <MxUuidNumber>c267df94-eb5a-11ea-adc1-0242ac120002</MxUuidNumber>
    </MxEInvoiceResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```



PAC must store the name of the eInvoice .xml file that is created in the OUT folder excluding the .xml part and include that name in the eInvoice respond file under the tag <FileName> .

Also, PAC must include the UUID Number under the tag <MxUuidNumber> and UUID Date under the tag <MxUuidDate>



Name	Date modified	Type	Size
df572687-9a08-485e-8da2-41aa9a7de5b3_DGMX_206225.xml	9/8/2020 8:20 AM	XML Document	77 KB
478e6ff6-9f02-4a63-ae9f-266be07b014e_DGMX_206184.xml	9/8/2020 6:40 AM	XML Document	77 KB
EPayment_Receipt_23c4494b-16c3-48d0-9cd4-97f8af00debd.xml	9/7/2020 10:38 PM	XML Document	2 KB
c52b51ae-bab8-42e7-a08d-380e3c1795e8_MEX01_204880.xml	9/7/2020 10:34 PM	XML Document	85 KB
EPayment_Receipt_c279655a-3033-450d-9033-4dbd9ce19aa7.xml	9/7/2020 10:29 PM	XML Document	2 KB

The automatic response .XML file is as below.

```

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header>
    <fndcn:Message xmlns:fndcn="urn:ifsworld-com:schemas:fndcn" SOAP-ENV:mustUnderstand="1">
      <fndcn:Type>CONNECT</fndcn:Type>
      <fndcn:Function>MX_EINVOICE_RESPONSE</fndcn:Function>
      <fndcn:Sender/>
      <fndcn:Receiver/>
      <fndcn:SentAt/>
      <fndcn:ExpiresAt/>
    </fndcn:Message>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body>
    <MxEInvoiceResponse xmlns="urn:ifsworld-com:schemas:receive_e_invoice_response_receive_response_request">
      <FileName>df572687-9a08-485e-8da2-41aa9a7de5b3_DGMX_206225</FileName>
      <MxUuidDate>2020-07-07</MxUuidDate>
      <MxUuidNumber>c847df94-eb5a-11ea-adc1-0242ac120002</MxUuidNumber>
    </MxEInvoiceResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
  
```

File Name of the eInvoice XML

4.11 Analyze Invoice

4.11.1 UUID NUMBER AND UUID DATE FETCH AUTOMATICALLY

After receiving the response .xml file into the IFS Connect IN folder, the UUID number and UUID date is automatically updated on the invoice and available in the following pages;

- Sent Invoices
- Customer Invoice Analysis
- Customer Invoices Analysis

Financials > Customer Invoice > Sent Invoices

Sent Invoices

Customer Series ID Invoice No More Favorites Clear Settings

Customer	Series ID	Invoice No	Status	UUID Number	UUID Date	Send Status
CARSSE - carsse	II	9700005	PaidPosted			Transferred
CARSSE - carsse	CR	979900003	PaidPosted			Transferred

Customer Invoice Analysis AD - 4000002 1 of 24+

Customer: CARSSE - CARSSE
 Invoice Type: COADVDEB
 Advance Invoice: Yes
 Invoice Date: 2020-01-08
 Currency: USD
 Tax Amount: 2,50

Payment and Tax Information
 Pay Term Base Date: 2020-01-08
 Payment Method: Payer: CARSSE - carsse
 Payment Terms: 0 - Due Immediately

More Information

Ref Invoice No	Delivery Address	Payment Reference
Voucher Type	Voucher No	Voucher Date
Period	Tax Currency Rate	Tax Inv Series ID
Tax Inv No	Tax Inv Date	Customer Reference
Creator Reference	Transfer Status	Language
Branch	Customer Branch	
Correction Reason		
Invoice Text		Preliminary Invoice No
Self-Billing Ref No	Additional Reference	Send Status
Media Code	Customer Group	Reposted From Identity
Reposted To Identity	Invoice Reason	UUID Number
	One-Time Customer	

Financials > Customer Invoice > Analysis > Customer Invoices Analysis

Customer Invoices Analysis

Voucher No	Currency	Currency Rate	Invoice Reason	Notes	Media Code	Send Status	Correction Reason	Correction Reason ID	UUID Date	UUID Number
2019000000	USD	10		No		Printed				
2019000001	USD	10		No		Printed				

4.11.2 UUID NUMBER AND UUID DATE FETCH MANUALLY

From page *Financials/Customer Invoice/Sent Invoices*, it is possible to manually fetch the UUID number from the .xml file by choosing **Fetch UUID Number**.

Financials > Customer Invoice > Sent Invoices

Search **Advanced**

Status ▾ Invoice No ▾ UUID Number ▾ Customer ▾ Invoice Date ▾ More ▾ Favorites Clear 🔍 Settings

Sent Invoices

Customer Invoice Analysis Resend Invoice Reprint Original Reprint Modified **Fetch UUID Number**

(1)	Customer	Series ID	Invoice No	Invoice Type	UUID Number
<input type="checkbox"/>	DG_MX - DG_MX	II	9700330	INSTINV	
<input type="checkbox"/>	DG_MX - DG_MX	II	9700329	INSTINV	
<input type="checkbox"/>	DG_MX - DG_MX	II	9700327	INSTINV	49951309-985B-48A3-9A62-7962ACC0A5Hf

4.11.3 INVOICE REASON AND CORRECTION REASON

In *Customer Invoice Analysis* and *Customer Invoices Analysis* page information about invoice reason and correction reason can be found.

Financials > Customer Invoice > Analysis > Customer Invoice Analysis

Customer Invoice Analysis

CR - 979900003 1 of 1

Customer: CARSE - CARSE Invoice Type: CUSTORDCOR

Advance Invoice: No Notes: No

Invoice Date: 2020-01-28 Delivery Date: 2020-01-28

Currency: USD Currency Rate: 10

Tax Amount: 0,00

Payment and Tax Information

Pay Term Base Date: 2020-01-28 Payment Terms: 0 - Due Immediately

Payment Method: Payer: CARSE - carsse

More Information

Ref Invoice No: CD 970000007	Delivery Address: 1	Payment Reference: 1
Voucher Type: F	Voucher No: 2020000018	Voucher Date: 2020-01-28
Period: 2020 1	Tax Currency Rate: 10	Tax Inv Series ID: 10
Tax Inv No:	Tax Inv Date:	Customer Reference:
Creator Reference: P10705	Transfer Status:	Language: English
Branch:	Customer Branch:	
Correction Reason: 02_TEST - 02_test		
Invoice Text:		Preliminary Invoice No: 202437
Self-Billing Ref No:	Additional Reference:	Send Status: Transferred
Media Code: E-INVOICE	Customer Group: 0	Reposted From Ident:
Reposted To Identity:	Invoice Reason: INV REASON 1 ID - Invoice reason 1 ID	UUID Number:
UUID Date:	One-Time Customer: No	

OK

Financials > Customer Invoice > Analysis > Customer Invoices Analysis

No	Correction Invoice	Correction Exist	Excepci... Code	Voucher Date	Voucher Type	Voucher No	Currency	Currency Rate	Invoice Reason	Correction Reason	Correction Reason ID
	No	No	No	2020-01-27	F	2020000038	GBP		1 INV REASON 1 ID - Inv...		
56	No	No	No	2020-01-28	F	2020000012	GBP		1 INV REASON 1 ID - Inv...	01_Test	01-TEST
1005	No	No	No	2020-01-28	F	2020000013	USD		10 INV REASON 1 ID - Inv...		
1001	No	No	No	2020-01-28	F	2020000014	USD		10 INV REASON 1 ID - Inv...	02_test	02_TEST

4.11.4 RELATED UUID

When sending an invoice connected to a related UUID number the related UUID number is updated on the invoice and available in the following pages;

- Sent Invoices

- Customer Invoice Analysis
- Customer Invoices Analysis

Sent Invoices

Related UUID Number	Customer	Series ID	Invoice No	Invoice Type
c167df94-eb5a-11ea-adc1-0242ac120002	DW DGMX_WHT - DGMX	CR	979900032	CUSTCOLCRE
d595ac55-9600-4f19-a611-3233298bec48	DW DGMX_WHT - DGMX	II	9700303	CORRINV
45931308-985B-48A3-9A62-7962ACC0A5H8	DW DGMX_WHT - DGMX	II	9700286	INSTINV

Customer Invoices Analysis

Related UUID Number	Customer	Series ID	Invoice No
c167df94-eb5a-11ea-adc1-0242ac120002	DW DGMX_WHT - DGMX	CR	979900032

Customer Invoice Analysis

Customer: DW DGMX_WHT - DGMX Withholding

Invoice Type: CUSTCOLCRE

Advance Invoice: No

Invoice Date: 10/9/2020

Currency: USD

Tax Amount: -180.00

Payment Method: CHK - Check

More Information

Voucher Type	Voucher No	Voucher Date
F	2020000489	10/9/2020
Period	Tax Currency Rate	Tax Inv Series ID
2020 10	1	
Tax Inv No	Tax Inv Date	Customer Reference
Creator Reference	Transfer Status	Language
		English
Branch	Customer Branch	
Correction Reason		
02 Test 2		
Invoice Text		Preliminary Invoice No
		209243
Self-Billing Ref No	Additional Reference	Send Status
		Transferred
Media Code	Customer Group	Reposted From Identity
E-INVOICE	0	
Reposted To Identity	Invoice Reason	
	G04 - Medical Equipment for Disa...	
UUID Number	UUID Date	
c267df94-eb5a-11ea-adc1-0242ac120002	7/8/2020	
Related UUID Number	One-Time Customer	
c167df94-eb5a-11ea-adc1-0242ac120002	No	

4.12 Delimitations

IFS do not support integration with all available and authorized PAC web services.

Companies must customize service references for the selected solution and then configure the client authentication (certificate) to generate the CFDI invoice (xml message).

IFS provides the generation of the xml message and a code example that shows how to integrate with PAC web services.

In Advance Invoice and Discount handling, IFS Cloud supports the special eInvoice XML calculations as required by SAT for the following areas:

- Advanced Invoice without Withholding tax and Final Invoice with Withholding tax
- Advanced Invoice and Final Invoice with same Withholding tax
- Advanced Invoice and Final Invoice with same VAT
- Advanced Invoice and Final Invoice with same VAT and same Withholding Tax

IFS Cloud does not support scenarios below:

- Different VAT Tax Codes in Different Advance Instant Invoices which connected to Final Invoice
- Different Withholding Tax Codes in Different Advance Instant Invoices which connected to Final Invoice
- The Advance Invoice VAT Codes and Withholding Tax Codes different from Final Invoice

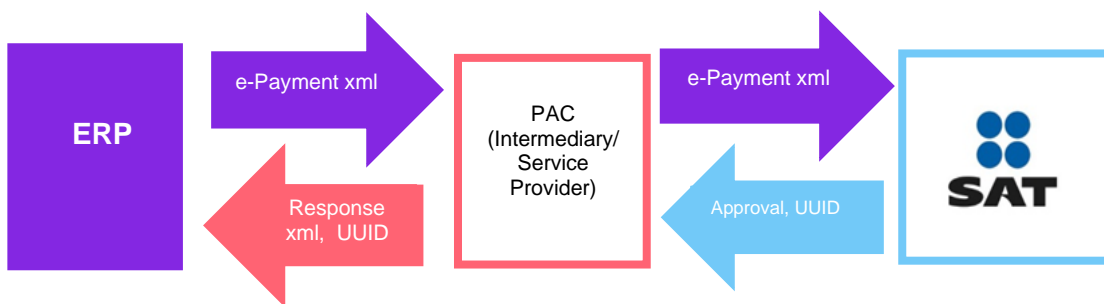
5 e-Payment Receipt Complement (CFDI Complemento de Pago)

5.1 Overview Legal Requirement

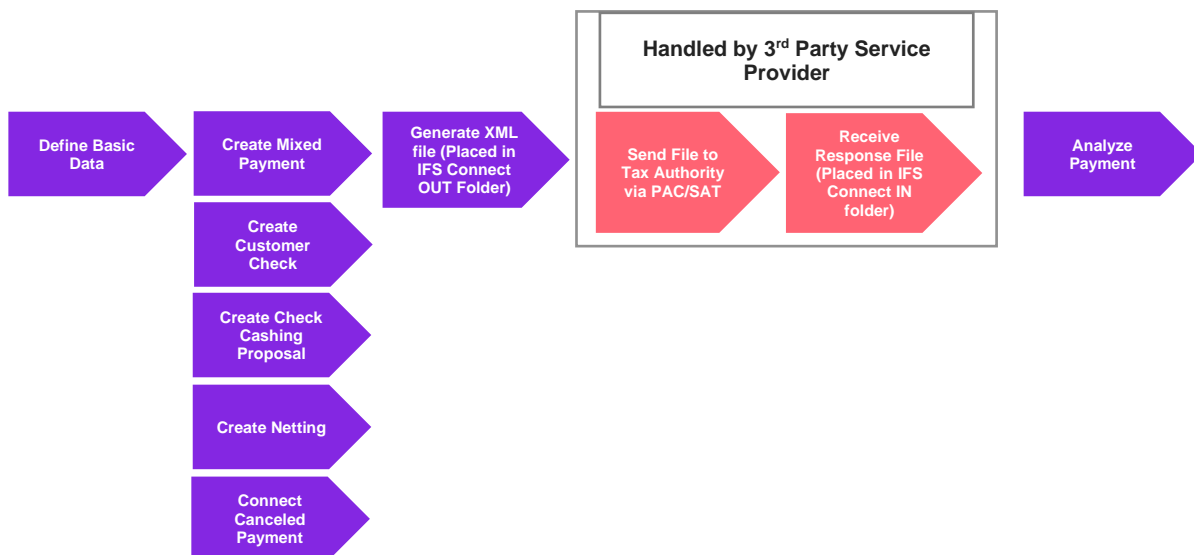
In Mexico, it is a legal requirement to send ePayment receipt .xml file to government authority (SAT) via an authorized intermediary/service provider (PAC).

Each payment must be linked to the paid invoice using an authorization number, UUID number. This allows SAT to track all payments to a specific invoice.

SAT approves the ePayment receipt .xml file and issues an approval, with UUID number and UUID date, and returns the file to PAC. PAC will send the information to IFS Cloud and it will be placed in IFS Connect IN folder.



5.2 Process Overview



5.3 Solution Overview

To support this legal requirement, the following LCC parameter is available:

- e-Payment Receipt Complement

A new payment receipt .xml file has been created for Mexico.

The following payment areas are supported:

- Mixed Payment
- Customer Check
- Check Cashing Proposal
- Netting
- Connect canceled payment to new payment

Overview of the solution:

- Set up the basic data required
- Create customer payment receipt in any of the supported payment areas
- Generate the ePayment receipt .xml file and the file is placed in IFS Connect OUT folder
- Authorized intermediary/service provider PAC picks up the .xml file from the IFS Connect OUT folder and verifies it before sending it to government authority SAT
- SAT approves the .xml file and returns it to PAC with an authorization number and date (UUID number and UUID date)
- PAC returns the response .xml file to the sender and places it in the IFS Connect IN folder.
- UUID number and UUID date will be automatically read from response .xml file and updated on the payments. The information is visible in the analysis pages; *e-Payment Receipt Analysis page, Customer Payment Analysis page and Customer Payment Document Analysis page*

5.4 Prerequisites

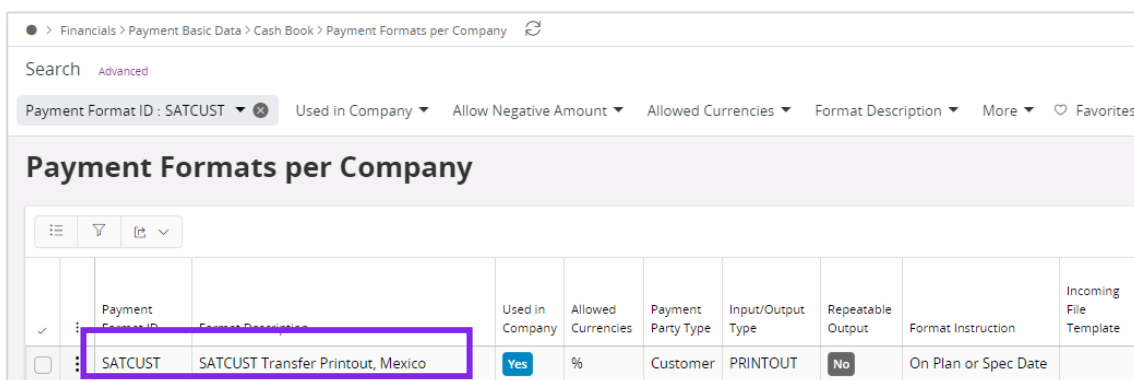
The company must be set-up to use the Mexican localization, see the Company Set-Up chapter. The following localization parameter must be enabled:

- E-Payment Receipt Complement (CFDI Complemento De Pago)

5.5 Define Basic Data

5.5.1 PAYMENT FORMAT

Payment format **SATCUST**, is a predefined format for Mexico in IFS Cloud. The payment format SATCUST must be connected to all payment methods where an ePayment file should be created. Payment formats are found in page *Financials/Payment Basic Data/Cash Book/Payment Formats per Company*.



Payment Format ID	Payment Format Description	Used in Company	Allowed Currencies	Payment Party Type	Input/Output Type	Repeatable Output	Format Instruction	Incoming File Template
SATCUST	SATCUST Transfer Printout, Mexico	Yes	%	Customer	PRINTOUT	No	On Plan or Spec Date	

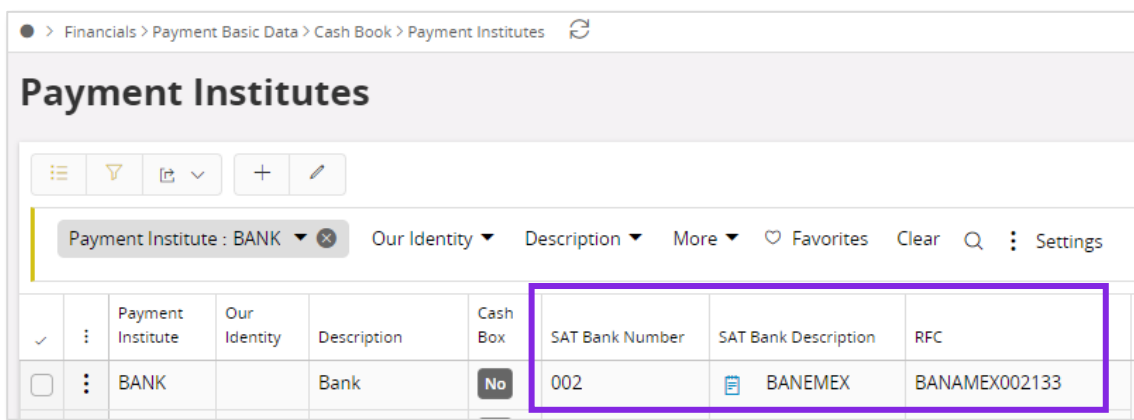
5.5.2 PAYMENT INSTITUTES

Payment institute is set up in the page *Financials/Payment Basic Data/ Cash Book/Payment Institutes*.

Information entered in page *Payment Institutes* is related to cash accounts. Information regarding payment institutes used by the customer is entered in *External Payment Recipient* page, for more information see chapter External Payment Recipients.

For each **Payment Institute** enter values in the fields:

- **SAT Bank Number**; Identification number provided by the Mexican government
- **SAT Bank Description**; Description for the SAT Bank Number given by the Mexican government
- **RFC**; Federal taxpayer registry code connected to the payment institute



✓	:	Payment Institute	Our Identity	Description	Cash Box	SAT Bank Number	SAT Bank Description	RFC
<input type="checkbox"/>	:	BANK		Bank	No	002	BANEMEX	BANAMEX002133

Validations connected to page *Payment Institutes*:

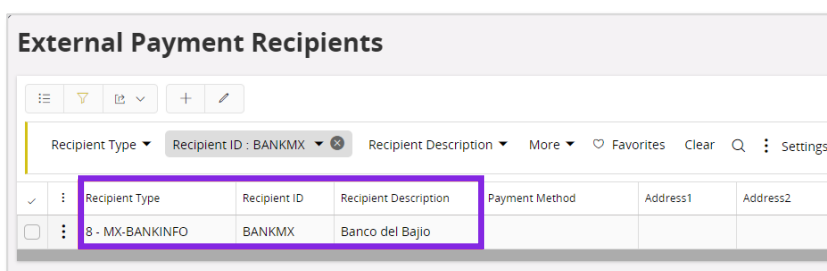
- In field **SAT Bank Number**; 10 is maximum allowed number of characters
- In the field **SAT Bank Description**; 120 is maximum allowed number of characters
- One SAT bank number can only be connected to one payment institute
- In the field **RFC**; it is possible to enter 12 or 13 characters. For legal persons the RFC is 12 characters long and for physical persons the RFC is 13 characters long

5.5.3 EXTERNAL PAYMENT RECIPIENTS

Define the payment recipients in *Financials/Payment Basic Data/Cash Book/External Payment Recipients* page.

Define the following information;


- In field **Recipient Type**; Choose the pre-defined value “8-MX-BANKINFO” from the dropdown list
- In field **Recipient ID**; Enter the payment institute used by the customer
- In field **Recipient Description**; Enter description



✓	:	Recipient Type	Recipient ID	Recipient Description	Payment Method	Address1	Address2
<input type="checkbox"/>	:	8 - MX-BANKINFO	BANKMX	Banco del Bajío			

From *External Payment Recipients* page, choose command **Recipient Specific Information** to open page *External Payment Recipient Specific Information*, press **New** and enter values in fields:

- **SAT Bank Number**; Identification number provided by the Mexican government
- **SAT Bank Description**; The description for the SAT Bank Number given by the Mexican government
- **RFC**; Federal taxpayer registry code connected to the Payment Institute
- **Bank Branch Number**; The number for the bank where the customer account is opened

External Payment Recipient Specific Information - BANKMX							
✓	:	Recipient Type	Payment Institute	SAT Bank Number	SAT Bank Description	RFC	Bank Branch Number
<input type="checkbox"/>	:	8	BANKMX	003	 BANKMX desc	B2DB112266D11	002-23

Validations connected to page *External Payment Recipient Specific Information*:

- In field **SAT Bank Number**; 10 is maximum allowed number of characters
- In field **SAT Bank Description**; 120 is maximum allowed number of characters
- One SAT bank number can only be connected to one payment institute
- In field **RFC**; it is possible to enter 12 or 13 characters. For legal persons the RFC is 12 characters long and for physical persons the RFC is 13 characters long

If the information is changed in *External Payment Recipient* page, the electronic payment address needs to be updated manually.

5.5.4 ELECTRONIC PAYMENT ADDRESSES

Define the electronic payment address in the *External Payment Recipients/External Payment Recipient Specific Information* page.

In page *Application Base Setup/Enterprise/Customer/Customer/Payment* define the following:

- **Payment Method**; enter a payment method connect to payment format SATCUST

Press command for **Electronic Payment Addresses**.

Application Base Setup > Enterprise > Customer > Customer > Payment

Payment

CUSTSEK - Ásas customer 1 of 2

Company: ARMEPP - Ásas Mexico with parallell currency

Update Reminder/Interest Information with Reminder Template

Payment Tolerance

Tolerance %	Tolerance Amount	Tolerance Currency	Tolerance Days for ...
		MXN	

AR Customer Contact

Name

PAYMENT METHODS MISCELLANEOUS PAYMENT INFORMATION

Use Default Payment Method for Installments

Payment Method

Electronic Payment Addresses

Payment Method Default More Favorites Clear Settings

Payment Method	Default
03 - Transferencia electronica	Yes

Follow the standard process described in IFS Cloud Documentation how to enter records in page *Electronic Payment Addresses*.

Define payment institute:

- **Payment Institute**; choose a value from the dropdown list

Values for the fields below are fetched automatically:

- **SAT Bank Number**
- **SAT Bank Description**
- **RFC**
- **Bank Branch Number**

Application Base Setup > Enterprise > Customer > Customer > Payment > 03 Payment Addresses - CUSTSEK

03 Payment Addresses - CUSTSEK

Payment Method	Default	Address ID	Description	Account	Blocked for Use	Payment Institute	SAT Bank Number	SAT Bank Description	RFC	Bank Branch Number
03	Yes	1	Test 03-1	0101-0101	No	BANKMX	003	BANKMX desc	B2DB112266D11	002-23

5.5.5 PAYMENT METHODS

Define the payment methods in *Financials/Payment Basic Data/Cash Book/Payment Methods* page. Depending on the payment method, the ePayment receipt .xml file will contain different information.

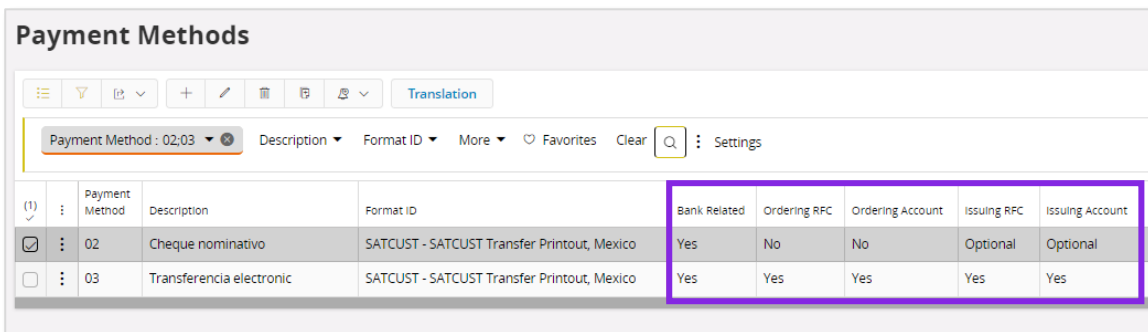
Enter the payment method following the standard process described in IFS Cloud Documentation.

Create a new payment method and define the following fields;

- **Payment Method;** enter the payment method
- **Format ID;** should be connected to payment format SATCUST
- **Bank Related;** the value in the field is an informational value
- **Ordering RFC;** value indicates if the information should be added to the .xml file
- **Ordering Account;** value indicates if the information should be added to the .xml file
- **Issuing RFC;** value indicates if the information should be added to the .xml file
- **Issuing Account;** value indicates if the information should be added to the .xml file

The following values can be chosen for field **Ordering RFC, Ordering Account, Issuing RFC and Issuing Account;**

- Option “Yes”, information will be added to the ePayment receipt .xml file
- Option “No”, information will not be added to the ePayment receipt .xml file
- Option “Optional”, information will be added to the ePayment receipt .xml file, if a value exists, if no value exist the attribute will not be added to the file



Payment Method	Description	Format ID	Bank Related	Ordering RFC	Ordering Account	Issuing RFC	Issuing Account
02	Cheque nominativo	SATCUST - SATCUST Transfer Printout, Mexico	Yes	No	No	Optional	Optional
03	Transferencia electronic	SATCUST - SATCUST Transfer Printout, Mexico	Yes	Yes	Yes	Yes	Yes

In the ePayment receipt .xml file, the following tags will be available, depending on the setting Yes, No or Optional:

- **MXCustomerBankName:** If **Ordering RFC** is Yes or Optional, the attribute will have the value from the **SAT Bank Description** column in the *Electronic Payment Address* for the customer, payment method and payment address id
- **MXCustomerAccountRFC:** If **Ordering RFC** is Yes or Optional, the attribute will have the value from the **RFC** column in the *Electronic Payment Address* for the customer, payment method and payment address id
- **MXCustomerAccount:** If **Ordering Account** is Yes or Optional, the attribute will have the value from the **Account** column in the *Electronic Payment Address* for the customer, payment method and payment address id
- **MXCashAccountRFC:** If **Issuing RFC** is Yes or Optional, the attribute will have the value from the **RFC** column in the *Payment Institute* page for the Cash Account used in the payment transaction
- **MXCashAccount:** If **Issuing Account** is Yes or Optional, the attribute will have the value from the **RFC** column in the *Payment Institute* page for the Cash Account used in the payment transaction

5.5.6 PAYMENT TERM

Depending on which payment term that is used on the invoice in the payment, the ePayment receipt .xml file will be generated and information regarding the payment term will be added to the file.

If the payment term is **Due immediately** no .xml file is created. Otherwise the value **PPD** (Metodo de Pago) will be added to the tag **MXPaymentTerm**.

5.6 Create Customer Payment Receipt

The following payment processes are supported:

- Mixed payment
- Customer check
- Check cashing proposal
- Netting
- Connect cancelled payment to a new payment

5.6.1 CREATE MIXED PAYMENT

Create a mixed payment by following the standard process described in IFS Cloud Documentation.

When using the following payment transactions types, the ePayment receipt .xml file will be generated when the mixed payment is approved:

- Enter Customer Payment
- Acknowledge Customer Check Cashing

For other transaction types the .xml file will not be generated.

Enter **Payment Method** and **Payment Address ID** in *Matched Transaction Details* section. Payment method must be connected to payment format SATCUST to create the ePayment file. This is also the case if an offset or a write-off is used.

New Payment Transaction

Select Transaction View/Edit Matched Transactions

Company: ARMEPP - Statement No: 18 - Cash Account: BANK - Mixed Payment Transaction Type: Enter Customer Payment

Amount in Payment Currency	Remaining Amount in Payment Currency	Amount in Accounting Currency	Remaining Amount in Accounting Curre...	Amount in Parallel Currency
50.0000	0.0000	50.0000	0.0000	2.2800

Matched Transactions Details

Select Multiple Invoices/Prepayments

Matching Transactions ID	Company	Identity	Payer/Payee Identity	Series ID	Inv/Prepaym No	Installment ID	Payment Method	Payment Address ID	Invoice Currency	Pay Amount in Pay Curr
1	ARMEPP	CUSTSEK	CUSTSEK	II	9700023	1	03	1	MXN	50.0000

Previous Next Finish Cancel

When approving the mixed payment, the payment receipt is created and information about the payment is found in *e-Payment Receipt Analysis* page.

e-Payment Receipts Analysis

Customer	Payment Method	Payment Address Id	Document Number	Series ID	Payment UUID Number	Payment UUID Date	Related Payment UUID Number	RFC	Document Date	Curr...	Paid Amount	Receipt Status
CUSTSEK - Asas customer	03 - Transferencia electronic	1	86-3429	CUPAY				MEXMEX222244	10/14/2020	MXN	50.0000	Printed

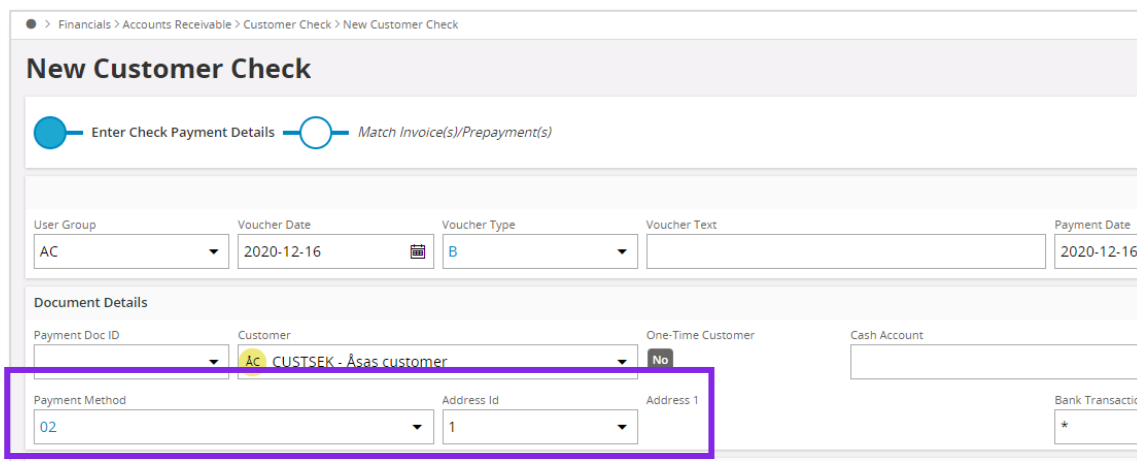
The ePayment receipt .xml file is created and placed in IFS Connect OUT folder.

5.6.2 CREATE CUSTOMER CHECK

Create a customer check by following the standard process specified in IFS Cloud Documentation.

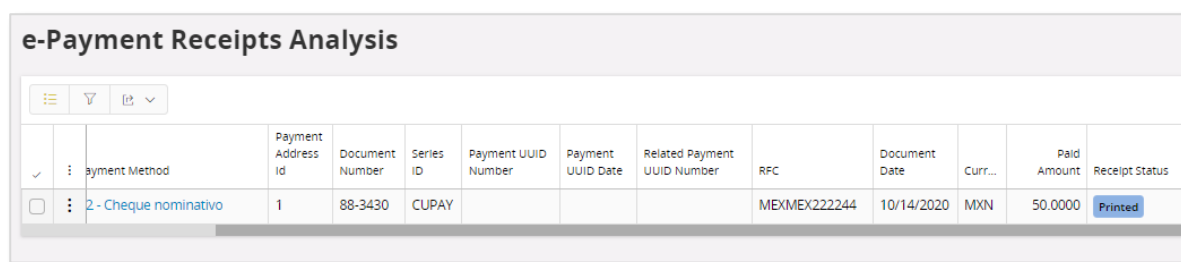
In *New Customer Check* assistant, enter value in fields **Payment Method** and **Payment Address Id**.

If the used payment method is connected to the payment format SATCUST the value in field **Payment Address ID** is fetched from the electronic payment address on the customer. In order to create a ePayment file the payment method must be connected to payment term SATCUST. This is also the case if a write-off is used.



If an exchange rate is used in the customer check, the exchange rate is taken from the day the customer check is cashed and will be added to the file in tag `MXPaymentCurrency`.

When the customer check is cashed the payment receipt is created, and information is saved in *e-Payment Receipt Analysis* page.



Payment Method	Payment Address Id	Document Number	Series ID	Payment UUID Number	Payment UUID Date	Related Payment UUID Number	RFC	Document Date	Curr...	Paid Amount	Receipt Status
2 - Cheque nominativo	1	88-3430	CUPAY				MEXMEX222244	10/14/2020	MXN	50.0000	Printed

The ePayment receipt .xml file is generated when the customer check is cashed, and the .xml file placed in IFS Connect OUT folder.

5.6.3 CREATE CHECK CASHING PROPOSAL

Create a check cashing proposal by following the standard process specified in IFS Cloud Documentation.

The payment method must be connected to payment term SATCUST for the ePayment file to be created. This is also the case if a write-off is used.

Depending how the check cashing proposal cashing is done the creation of the file is done at different stages:

- Interim account is not used: creation of the file is done when check cashing proposal is printed
- Interim account is used: creation of the file is done when mixed payment is approved

Financials > Accounts Receivable > Payment Documents > Check Cashing Proposals

Check Cashing Proposals

New Proposal
 Print Check Cashing Report

(1) ✓	Proposal ID	Payment Method	Currency	Cash Account	Amount in Acc Curr	Status
<input checked="" type="checkbox"/>	55	02	MXN	BANK	0,0000	Acknowledged

Financials > Cash Book > Mixed Payment

Search **Advanced**

Payment Status Payment Date Voucher No Voucher Date Currency Related Payment UUID Numbers Cash Account Statement No : 48

Group

Mixed Payment

BANK - 48 - 2020-10-28 1 of 1

Approve

GENERAL **TRANSACTIONS**

Transaction Balances

Transaction Details

✓	Lump Sum Trans Number	Payment Transaction Type	Company	Payer/Payee Identity	Currency	Currency Rate	Amount	Total Pay Amount in Acc Curr
<input type="checkbox"/>	1	Acknowledge Customer Check Cashing	ARMEPP		MXN	1	1333,0000	1333,0000

If an exchange rate is used in the customer check, the exchange rate is taken from the day the customer check is cashed and will be added to the .xml file in tag MXPaymentCurrency.

When the customer check is cashed or approved the payment receipt is created, and information is visible in *e-Payment Receipt Analysis* page.

Financials > Accounts Receivable > AR Analysis > e-Payment Receipts Analysis

Search **Advanced**

Payment Method : 02 More Favorites Clear Q Settings

e-Payment Receipts Analysis

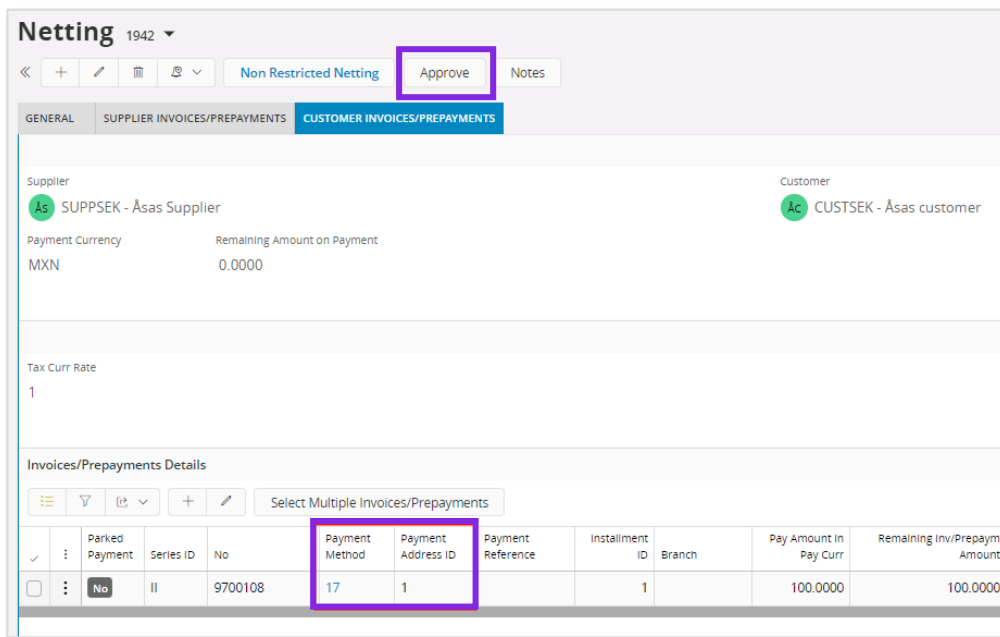
(1) ✓	Customer	Payment Method	Payment Address Id	Document Number	Series ID	Statement No	RFC	Document Date	Curr...	Paid Amount	Receipt Status
<input type="checkbox"/>	AC CUSTSEK	02 - Cheque no...	1	523-5997	CUPAY		MEXMEX222244	2020-12-08	MXN	20,0000	Printed

The ePayment receipt .xml file is generated when the customer check is cashed, and the file is placed in IFS Connect OUT folder.

5.6.4 CREATE NETTING

Create a netting by following the standard process specified in IFS Cloud Documentation.

Payment method 17 must be used to generate the ePayment receipt .xml file for netting.



Payment Method	Payment Address ID	Payment Reference	Installment ID	Branch	Pay Amount in Pay Curr	Remaining Inv/Prepaym Amount
17	1		1		100.0000	100.0000

When the netting is approved, the payment receipt is created, and information is visible in *e-Payment Receipt Analysis* page.



Customer	Payment Method	Payment Address ID	Document Number	Series ID	Payment UUID Number	Payment UUID Date	Related Payment UUID Number	RF	Document Date	Curr...	Paid Amount	Receipt Status
CUSTSEK - Asas customer	17 - Netting	1	972-3450	CUPAY				MEXMEX222222	10/14/2020	MXN	100.0000	Printed

The ePayment receipt .xml file is generated when the netting is approved, and the .xml file placed in IFS Connect OUT folder.

Only customer invoice information is included in the .xml file for netting.

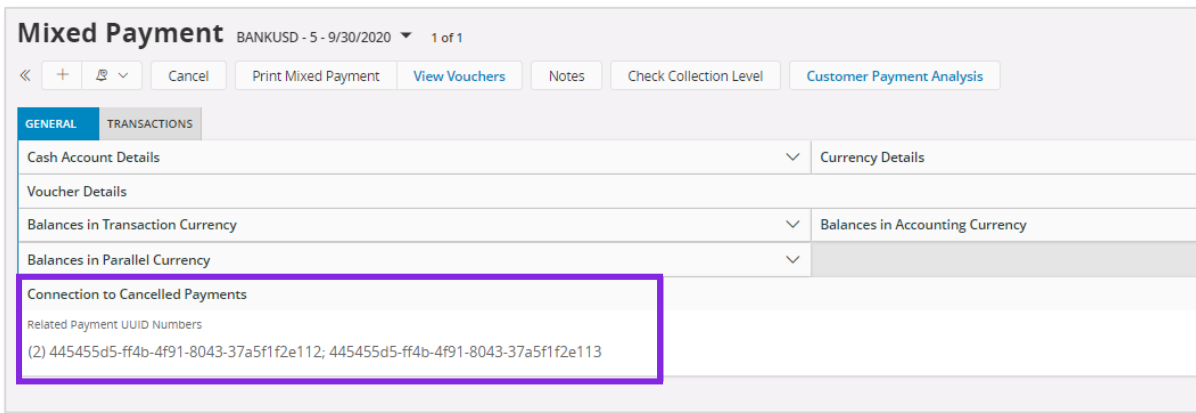
5.6.5 CONNECT CANCELED PAYMENT TO A NEW PAYMENT

Cancel the mixed payment, customer check or netting by following the standard process specified in IFS Cloud Documentation.

A connection between the cancelled payment and the new payment must be done, using the UUID number for the payment.

For mixed payment, customer check and netting, enter the related payment UUID number in field **Connect to Canceled Payments** manually or by using the LOV in the field. The LOV is connected to the *e-Payment Receipt Analysis* page and the field **Payment UUID Number**. Several UUID numbers can be entered in the same field divided by a “,” (the field has 4000 characters).

If a related payment UUID number is entered manually, it is verified that it exists in *e-Payment Receipt Analysis* page.



Mixed Payment BANKUSD - 5 - 9/30/2020 1 of 1

Cancel Print Mixed Payment View Vouchers Notes Check Collection Level Customer Payment Analysis

GENERAL TRANSACTIONS

Cash Account Details Currency Details

Voucher Details

Balances in Transaction Currency Balances in Accounting Currency

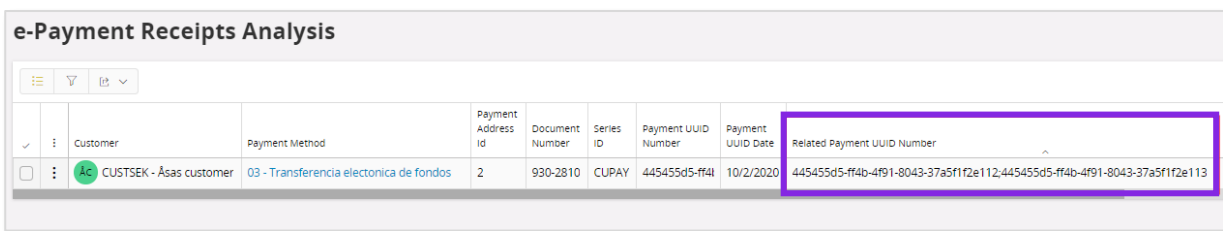
Balances in Parallel Currency

Connection to Cancelled Payments

Related Payment UUID Numbers

(2) 445455d5-ff4b-4f91-8043-37a5f1f2e112; 445455d5-ff4b-4f91-8043-37a5f1f2e113

When approving/cashing the payment, the related payment UUID number/numbers are visible in *e-Payment Receipt Analysis* page in column **Related Payment UUID Numbers**.



e-Payment Receipts Analysis

	Customer	Payment Method	Payment Address Id	Document Number	Series ID	Payment UUID Number	Payment UUID Date	Related Payment UUID Number
<input type="checkbox"/>	CUSTSEK - Asas customer	03 - Transferencia electronica de fondos	2	930-2810	CUPAY	445455d5-ff4b-4f91-8043-37a5f1f2e112	10/2/2020	445455d5-ff4b-4f91-8043-37a5f1f2e112; 445455d5-ff4b-4f91-8043-37a5f1f2e113

The .xml file is generated when the payment is approved/cashed, and the file is placed in IFS Connect OUT folder.

The related payment UUID number/numbers is added in the .xml file;

MXRelatedCFDI;

MYTypeOfRelation= 04 (fixed value)

MXRelated UUID = related payment UUID number

5.7 Payment receipt .xml file

To generate the .xml file, the following is required;

- On the invoice connected to the payment, payment term must not be **Due immediately**
- On the invoice connected to the payment, payment method must be 99
- All customer invoices included in the payment must exist in *Sent Invoices* page and must have a UUID Number
- On the payment transaction, the payment method must be connected to payment format **SATCUST**

When the ePayment receipt .xml file is generated, it is placed in IFS Connect OUT folder, as shown below.

Invoice_2a8edfa6-e46f-4306-8d84-32489e9c2d13_DGMX_205968.xml	2020-10-12 08:46	XML Document
EPayment_Receipt_45658a92-722a-4c9a-ab02-7ef77884fc23_ARMEPP_3328.xml	2020-10-09 16:03	XML Document

Below is an overview of all attributes in the e-payment receipt .xml file. For more detailed information about the added attributes, see chapter appendix 2, Mapping document for ePayment receipt .xml file.

Value	Attribute in IFS XML
MXPaymentReceipt node	
Company zip code from the document address	MXCompanyZipCode
Document type is the fixed value “P” for Pago (payment).	MXDocumentType
Fixed value “0”	MXPaymentTotalAmount
If delivery country of default delivery address is Mexico, we add 01 in this tag. If delivery country of default delivery address is other than Mexico, we add 02 in this tag.	MXExport
Fixed value “XXX”	MXFixedCurrencyCode
Fixed value “0”	MXSubTotalAmount
Registration date of the payment receipt. In format YYYY-MM-DDThh:mm:ss.	MXIssueDate
The document number for the .xml file. Payment id concatenated with Payment Receipt id.	MXDocumentNumber
Payment Series ID	MXPaymentSeriesID
Fixed value “4.0”	MXVersion
MXIssuer node – Node to specify information about the company issuing the ePayment receipt.	
Company Tax ID Number	MXCompanyTaxIDNumber
Company Name in capital letters	MXCompanyName
Company/General Information – Form of Business	MXCompanyFormOfBusiness
MXReceiver node – Node to specify information about the customer receiving the ePayment receipt.	

Value	Attribute in IFS XML
<p>If country in general address information (for default document address) is Mexico, Tax Id number is picked to MXCustomerTaxIDNumber attribute from Document Tax Information for correct address id and where supply country = Mexico.</p> <p>If Customer's address id marked as default document address is not Mexico, MXCustomerTaxIDNumber shall have the generic RFC, XEXX010101000, enter as a fixed value in the .xml file.</p>	MXCustomerTaxIDNumber
Customer Name in capital letters	MXCustomerName
Zip Code from the default document address for the customer.	MXCustomerZipCode
The alpha-3 country code from ISO Codes for the country marked as the default document address for the customer. This field will have a value only if the customer's address ID marked as a default document address is not Mexico	MXCountryAlpha3
If country in general address information (for default document address) is foreign, tax id number is picked to MXCustomerTaxIDNumberForeign attribute from document tax information for correct address id and delivery country = country in general address information.	MXCustomerTaxIDNumberForeign
<p>We pick the value from Customer/General Information – Form of Business</p> <p>If RFC is generic, XEXX010101000, we add 616 in this tag. (If the country of the customers default document address not is Mexico we consider the RFC as generic.)</p>	MXCustomerFormOfBusiness
Fixed value "P01"	MXCFDIUse
MXConcepts node	
MXConcept node – Node to specify detailed information about goods and services. Fixed values for ePayment Receipt xml file.	
Fixed value "0"	MXTotalAmount
Fixed value "0"	MXUnitPrice

Value	Attribute in IFS XML
Fixed value "Pago"	MXDescription
Fixed value "ACT"	MXUnitofMeasure
Fixed value "1"	MXQuantity
Fixed value "84111506"	MXGoodsServiceStatisticalCode
Fixed value "01"	MXTaxable
MXComplement node	
MXPayments node – Node to specify information about the payments.	
Fixed value "2.0"	MXVersion
MXTotal node – Node to specify the total amount of payments and the total of taxes. The amounts should be expressed in MXN.	
The total sum of all tax withheld lines with tax codes connected to tax type category IVA.	MXTotalWithholdingIVA
The total sum of all tax withheld lines with tax codes connected to tax type category ISR.	MXTotalWithholdingISR
The total sum of all tax withheld lines with tax codes connected to tax type category IEPS.	MXTotalWithholdingIEPS
The total tax base amount for tax codes connected to tax type category IVA and have a rate of 16%.	MXTotalBaseAmountIVA16
The total tax amount for tax codes connected to tax type category IVA and have a rate of 16%.	MXTotalTaxAmountIVA16
The total tax base amount for tax codes connected to tax type category IVA and have a rate of 8%.	MXTotalBaseAmountIVA8
The total tax amount for tax codes connected to tax type category IVA and have a rate of 8%.	MXTotalTaxAmountIVA8
The total tax base amount for tax codes connected to tax type category IVA and have a rate of 0%.	MXTotalBaseAmountIVA0

Value	Attribute in IFS XML
The total tax amount for tax codes connected to tax type category IVA and have a rate of 0%.	MXTotalTaxAmountIVA0
Sum of all tax base amounts included in the payment where the Tax Type in TaxCodes page is equal to NoTax.	MXTotalBaseAmountIVAExempt
The sum of the values in the records MXRelatedDocuments node, field MXPaidAmount for all invoices included in the XML file.	MXTotalPaymentAmount
MXPayment node – Node to specify information about each received payment.	
Payment date from mixed payment, general tab In format YYYY-MM-DDThh:mm:ss	MXPaymentDate
The payment method that is used for the received payment, from matched transactions details.	MXPaymentMethod
Currency code from the mixed payment, from the general tab.	MXPaymentCurrency
Currency rate from mixed payment. Currency rate is required when currency (MonedaP) is different than MXN.	MXPaymentCurrencyRate
Payment amount, the sum of the values in the records DoctoRelacionado node, field ImpPagado for all invoices included in the .xml file.	MXPaymentAmount
Payment ID	MXOperationNumber
The attribute can have the value from the RFC column in the electronic payment address for the customer, depending on the settings in the Payment Method page for ordering RFC.	MXCustomerAccountRFC
The attribute can have the value from the SAT Bank Description column in the electronic payment address for the customer, depending on the settings in Payment Method page for ordering RFC.	MXCustomerBankName
The attribute can have the value from the account column in the electronic payment address for the customer, depending on the settings in Payment Method page for ordering account.	MXCustomerAccount

Value	Attribute in IFS XML
The attribute can have the value from the RFC column in Payment Institutes page for the cash account used in the payment transaction, depending on the settings in Payment Method page for issuing RFC.	MXCashAccountRFC
The attribute can have the value from the Account Number column in Payment Institutes page for the Cash Account used in the payment transaction, depending on the settings in Payment Method page for Issuing Account.	MXCashAccount
MXRelatedDocuments node – Node to specify the list of documents related to the payment. For each invoice/document that is paid, a MXRelatedDocuments node must be generated.	
UUID number for the paid invoice	MXUUIDNumber
Series ID for the paid invoice	MXInvoiceSerie
Invoice/prepayment number for the paid invoice	MXInvoiceNumber
Invoice currency for the invoice included in the payment	MXInvoiceCurrencyCode
Currency rate for the invoice included in the payment, form Matched Transactions Details	MXExchangeRate
Which partial payment is made for the invoice. If it is the first payment of the invoice the attribute contains "1", if it is the second payment of the invoice the attribute contains "2" etc. It has nothing to do with Installment ID on the invoice.	MXInstallmentID
Open amount on the invoice before current payment. The amount is presented without tax withholding amount. E g. An invoice of 10,000 MXN is to be paid by 5 installments of 2,000 MXN each. When registering the 1st payment, the ImpSaldoAnt will be 10,000 MXN, when registering the 2nd payment, the ImpSaldoAnt amount will be 8,000 MXN.	MXInvOpenAmount
If the value of the write-off amount field is different than 0, this field will contain the write-off amount. If the value of the write-off amount is 0, this field will contain the pay amount in payment currency.	MXPaidAmount
Remaining invoice/repayment amount, this is the open amount of the invoice when current payment is done. The	MXRemainingAmount

Value	Attribute in IFS XML
amount is presented without the withholding amount.	
<p>Indicate if the payment of the related document is subject to tax or not.</p> <p>If all invoices in the payment not contain any tax lines or if all the tax lines use a Tax Code set up with the tax type "No Tax", this field will contain the value: 01</p> <p>Otherwise, this field will contain the value: 02</p>	MXRelatedDocTaxable
<p>MXTaxRelatedDocuments node – Node to specify detailed information about payment taxes. Amounts expressed in the payment currency.</p>	
<p>MXWithholdingRelatedDocument node – Node to specify detailed information about withholding tax, based on the received payment.</p>	
Tax withholding base amount for the related document.	MXTaxBaseAmount
The tax type category connected to the withholding tax code. Tax type category can be found in Tax Codes page, each tax code should be mapped to a tax type category.	MXTaxTypeCategory
The tax factor connected to the withholding tax code. Tax factor can be found in Tax Codes page, each tax code should be mapped to a tax factor.	MXTaxFactor
The tax withholding percentage for the tax code.	MXTaxPercent
Tax withholding amount for the related document.	MXTaxAmount
<p>MXTaxRelatedDocument node - Node to specify detailed information about tax, based on the received payment.</p>	
Tax base amount for the related document.	MXTaxBaseAmount
The tax type category connected to the tax code. Tax type category can be found in Tax Codes page, each tax code should be mapped to a tax type category.	MXTaxTypeCategory
The tax factor connected to the tax code. Tax factor can be found in Tax Codes page, each tax code should be mapped to a tax factor.	MXTaxFactor

Value	Attribute in IFS XML
The tax percentage for the tax code.	MXTaxPercent
Tax amount for the related document.	MXTaxAmount
MXTaxPayments node – This node is a summary of the taxes according to the amount of the payment received. Amounts expressed in payment currency.	
MXWithholdingPayments node – Withholding tax amounts for the payment.	
MXWithholdingPayment node – Detailed information about withholding taxes of the payment received.	
The tax type category connected to the tax code in the payment. Tax type category can be found in Tax Codes page, each tax code should be mapped to a tax type category.	MXTaxTypeCategory
Total tax withholding amount in the payment for the Tax Type Category.	MXTotalTaxAmount
MXTaxPayments node - Tax amounts for the payment.	
MXTaxPayment node - Detailed information about taxes of the payment received.	
Total tax base amount for the payment.	MXTotalTaxBaseAmount
The tax type category connected to the tax code in the payment. Tax type category can be found in Tax Codes page, each tax code should be mapped to a tax type category.	MXTaxTypeCategory
The tax factor connected to the tax code. Tax factor can be found in Tax Codes page, each tax code should be mapped to a tax factor.	MXTaxFactor
The tax percentage for the tax code.	MXTaxPercent
Total tax amount according to the total amount of the payment.	MXTotalTaxAmount

5.8 Send file to Government authority via PAC/SAT and Receive response

The ePayment receipt .xml file is placed in the IFS Connect OUT folder. From the OUT folder an authorized intermediary/service provider PAC will pick it up. PAC verifies the file and sends it to government authority SAT. SAT approves the file and returns a response file to PAC with an authorization number and date (UUID number and UUID date). PAC places the response file in IFS Connect IN folder.

5.9 Read Response Payment .xml file

PAC will, if needed, change the format of the response .xml file to a format suitable for IFS Cloud and place the response file in IFS Connect IN folder. From the IN folder, the response file is automatically read by IFS Cloud. UUID number and payment UUID date are update on the payments and visible in several analysis pages, read more about the analysis pages in chapter Analyze Payment.

The format of the ePayment response .xml file looks as follows:

```
<?xml version="1.0" encoding="UTF-8"?>
- <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  - <SOAP-ENV:Header>
    - <fndcn:Message SOAP-ENV:mustUnderstand="1" xmlns:fndcn="urn:ifsworld-com:schemas:fndcn">
      <fndcn:Type>CONNECT</fndcn:Type>
      <fndcn:Function>MX_EPAYMENT_RESPONSE</fndcn:Function>
      <fndcn:Sender/>
      <fndcn:Receiver/>
      <fndcn:SentAt/>
      <fndcn:ExpiresAt/>
    </fndcn:Message>
  </SOAP-ENV:Header>
  - <SOAP-ENV:Body>
    - <MxEPaymentReceiptResponse xmlns="urn:ifsworld-com:schemas:receive_e_payment_response_receive_response_request">
      <FileName>13188440153_ARMX_1910</FileName>
      <MxUuidDate>2020-09-14</MxUuidDate>
      <MxUuidNumber>445455d5-ff4b-4f91-8194-37a5f1f2e163</MxUuidNumber>
    </MxEPaymentReceiptResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```



IFS_Response_ePaym
ent_Mexico.xml

Attribute	Description
<fndcn:Type>	Fixed attribute CONNECT
<fndcn:Function>	Fixed attribute "MX_EPAYMENT_RESPONSE"
<FileName>	This is the ePayment receipt .xml file name sent to SAT by IFS Cloud. The file name includes Company and Payment Receipt ID. PAC must keep the file name and send it to IFS Cloud via the e-Payment response file. Then IFS Cloud can identify the payment based on the file name and update the UUID information.
<MXUUIDNumber>	Payment UUID Number from SAT

<MXUUUIDDate>	Payment UUID Date from SAT
---------------	----------------------------

The response .xml file name should include the company and the payment receipt ID.

Name	Date modified	Type	Size
Invoice_2a8edfa6-e46f-4306-8d84-32489e9c2d13_DGMX_205968.xml	2020-10-12 08:46	XML Document	79 KB
EPayment_Receipt_45658a92-722a-4c9a-ab02-7ef77884fc23_ARMEPP_3328.xml	2020-10-09 16:03	XML Document	3 KB
Invoice_Oba42682-55ec-4c30-9f5a-4e0e3c1263e6_CARSSE1_207791.xml	2020-10-09 15:14	XML Document	81 KB

5.10 Analyze Payment

After receiving the response file into the IFS Connect IN folder, payment UUID information is automatically updated on the payments and visible in the pages below.

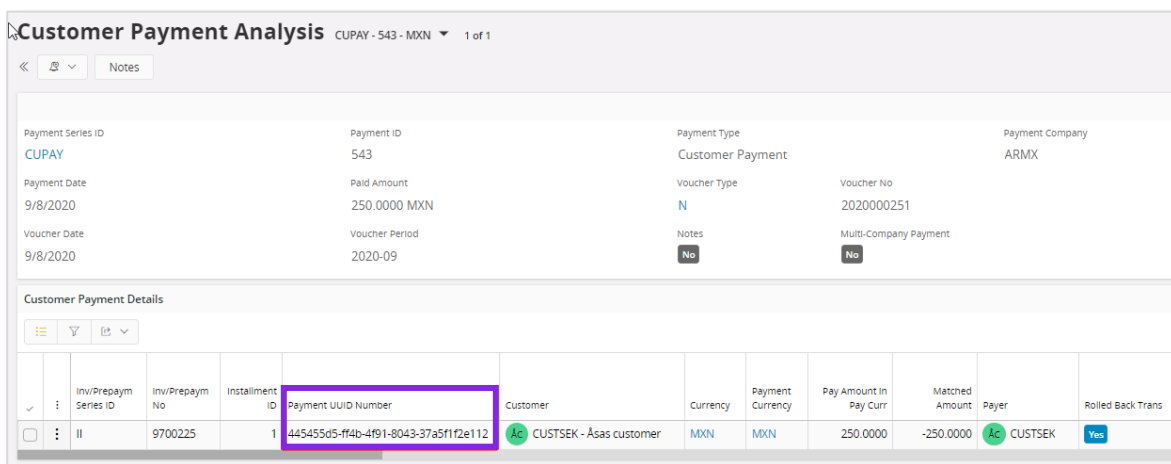
- *Customer Payment Analysis*
- *Customer Payment Document Analysis/Payment Document Matching Analysis*

UUID number and UUID date is displayed in following analysis page;

- *e-Payment Receipt Analysis*

In *Customer Payment Document Analysis/Payment Document Matching Analysis* page, payment UUID number for customer check payments will be showed.

In *Customer Payment Analysis* page, payment UUID number for other customer payments will be showed.



Customer Payment Analysis CUPAY - 543 - MXN 1 of 1

Payment Series ID: CUPAY, Payment ID: 543, Payment Type: Customer Payment, Payment Company: ARMX

Payment Date: 9/8/2020, Paid Amount: 250.0000 MXN, Voucher Type: N, Voucher No: 2020000251

Voucher Date: 9/8/2020, Voucher Period: 2020-09, Notes: No, Multi-Company Payment: No

Ini/Prepaym Series ID	Ini/Prepaym No	Installment ID	Payment UUID Number	Customer	Currency	Payment Currency	Pay Amount in Pay Curr	Matched Amount	Payer	Rolled Back Trans
II	9700225	1	445455d5-ff4b-4f91-8043-37a5f1f2e112	CUSTSEK - Asas customer	MXN	MXN	250.0000	-250.0000	CUSTSEK	Yes

Payment Document Matching Analysis CUSTSEK - CUCHECK - 200907-7 1 of 1 Cashed

Payment Document

Series ID	Payment Doc No	Document Type	Bill Type	Payment Date	Pay Doc Term ID	Due Date
CUCHECK	200907-7	Customer Check		9/7/2020		9/7/2020
Fully Paid/Used	Endorsed	Voucher Type	Voucher No	Voucher Date	Amount	Open Amount
Yes	No	B	2020000197	9/7/2020	187.5000 MXN	0.0000 MXN
Open Amount in Acc Curr	Payment Method	Cash Account	Multi-Company Payment			Amount in Acc Curr
0.0000 MXN	02	BANK	No			187.5000 MXN

MATCHED ITEMS | PAYMENT HISTORY

Company	Invi/Prepaym Series ID	Invi/Prepaym No	Version	Instalment ID	Customer	Payment UUID Number	Currency	Invoice Amount	Paid Amount	Matched Amount in Transaction Currency	Used Disco...	Write-off Code	Write-off Amount	Deduction Amount	Interest
ARMX	II	9700219	1	1	CUSTSEK - Asas customer	9e7e6bc1-7ecc-562e-b441-45e22b9baca1	MXN	187.5000	187.5000	-187.5000	0.0000		0.0000	0.0000	

e-Payment Receipts Analysis

Customer	Payment Method	Payment Address Id	Document Number	Series ID	Payment UUID Number	Payment UUID Date	Related Payment UUID Number	RFC	Document Date
CUSTSEK - Asas customer	03 - Transferencia electronica de fondos	2	543-1770	CUPAY	445455d5-ff4b-4f91-8043-37a5f1f2e112	7/20/2020		3MEXMEX11111	9/8/2020
CUSTSEK - Asas customer	03 - Transferencia electronica de fondos	2	544-1771	CUPAY	445455d5-ff4b-4f91-8043-37a5f1f2e113	7/20/2020		3MEXMEX11111	9/8/2020

5.10.1 E-PAYMENT RECEIPT ANALYSIS PAGE

When an ePayment receipt .xml file is sent to PAC, information about the transaction is visible in *e-Payment Receipt Analysis* page. When the response .xml file is read, the transaction is updated with UUID number and UUID date.

e-Payment Receipts Analysis

Customer | Payment Method: 03 | Series ID | Related Payment UUID Number | Payment UUID Number | Payment UUID Date | More | Favorites | Clear | Settings

Customer	Payment Method	Payment Address Id	Document Number	Series ID	Payment UUID Number	Payment UUID Date	Related Payment UUID Number	RFC	Document Date	Curr...	Paid Amount
CUSTSEK - Asas customer	03 - Transferencia electronica de fondos	2	543-1770	CUPAY	445455d5-ff4b-4f91-8043-37a5f1f2e112	7/20/2020		3MEXMEX11111	9/8/2020	MXN	250.0000
CUSTSEK - Asas customer	03 - Transferencia electronica de fondos	2	544-1771	CUPAY	445455d5-ff4b-4f91-8043-37a5f1f2e113	7/20/2020		3MEXMEX11111	9/8/2020	MXN	250.0000
CUSTSEK - Asas customer	03 - Transferencia electronica de fondos	2	477-1455	CUPAY	445455d5-ff4b-4f91-8090-37a5f1f2e162	9/1/2020		3MEXMEX33333	9/1/2020	MXN	477.5000

Three different statuses is used for **Receipt Status** in *e-Payment Receipt Analysis* page.

- **Created:** Before the .xml file is created
- **Printed:** When the .xml file is created the status will be set to printed
- **Completed:** When the response file is read and the payment UUID number and payment UUID date is updated

e-Payment Receipts Analysis

Customer	Payment Method	Payment Address Id	Document Number	Series ID	Payment UUID Number	Payment UUID Date	Related Payment UUID Number	RFC	Receipt Status	Document Date	Curr...	Paid Amount
CUSTSEK - Asas customer	17 - Netting	1	500-1648	CUPAY	445455d5-ff4b-4f91-8043-37a5f1f2aa01	7/20/2020		3MEXMEX33333	Printed	9/4/2020	MXN	200.0000
CUSTSEK - Asas customer	17 - Netting	2	463-1356	CUPAY	445455d5-ff4b-4f91-8043-37a5f1f2e110	7/20/2020		3MEXMEX33333	Cancelled	8/27/2020	MXN	100.0000
CUSTSEK - Asas customer	02 - Cheque nominativo	1	541-1748	CUPAY	445455d5-ff4b-4f91-8043-37a5f1f2e111	7/20/2020		3MEXMEX11111	Printed	9/8/2020	MXN	10.0000

In a company that has enabled LCC parameter e-Payment Receipt Analysis is able to use both *Payment Receipts Analysis* page and the *e-Payment Receipts Analysis* page.

If the following is valid, the .xml file will be printed, and information saved in e-Payment Receipts;

- Invoice has payment term set to not due immediately and payment method must be 99
- Payment transaction has payment method connected to payment format SATCUST

If there are several invoices in the payment and some have a payment method connected to payment format SATCUST and some are not connected to payment format SATCUST, only information from records with payment format SATCUST will be shown in the *e-Payment Receipt Analysis* page. Records not connected to payment format SATCUST will not be visible.

If all invoices in the payment has payment method which is not connected to payment format SATCUST, information about the records will be showed in Payment Receipt Analysis page, this is according to the standard process specified in IFS Cloud Documentation.

5.11 Delimitations

IFS do not support integration with all available and authorized PAC web services.

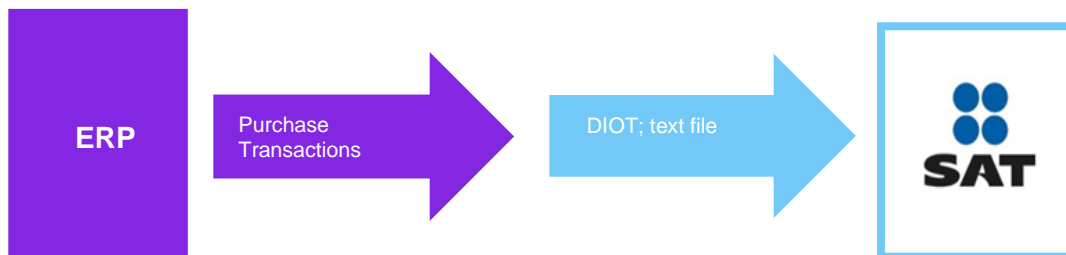
Companies must customize service references for the selected solution and then configure the client authentication (certificate) to generate the CFDI invoice (xml message).

IFS provide the generation of the xml message and a code example that shows how to integrate with PAC web services.

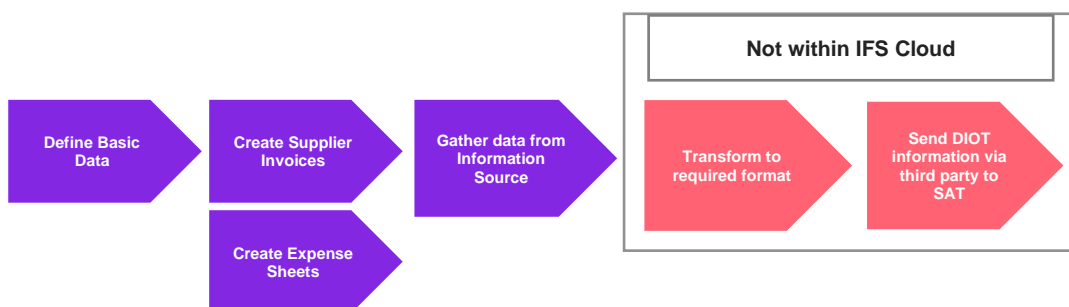
6 Purchase VAT Report (DIOT)

6.1 Overview Legal Requirement

In Mexico, it is a legal requirement to send a purchase VAT report, Declaration of Operations Third Parties (DIOT) every month to the government authority (SAT). The DIOT report is tax obligation provided by law of value added tax (VAT) with information on operations with its suppliers.



6.2 Process Overview



6.3 Solution Overview

To support this legal requirement, the following LCC parameter is available;

- DIOT Report Data

The following information is added in IFS Cloud/tax ledger information source:

- DIOT tax classification
- DIOT supplier classification
- Supplier in expense sheet
- Supplier Tax ID(RFC) in expense sheet
- Delivery Type for E vouchers in tax ledger

Overview of the solution;

- Define the basic data required
- Supplier invoices and expense sheets connected to suppliers are created and related vouchers are updated and approved in general ledger in the daily operations
- Use the tax ledger information source to fetch the information for the DIOT report

- If needed, use a third-party service provider or use tools outside IFS Cloud to create the DIOT report in correct format and send it to SAT

6.4 Prerequisites

The company must be set-up to use the Mexican localization, see the Company Set-Up chapter, and the following localization parameter must be enabled:

- DIOT Report Data

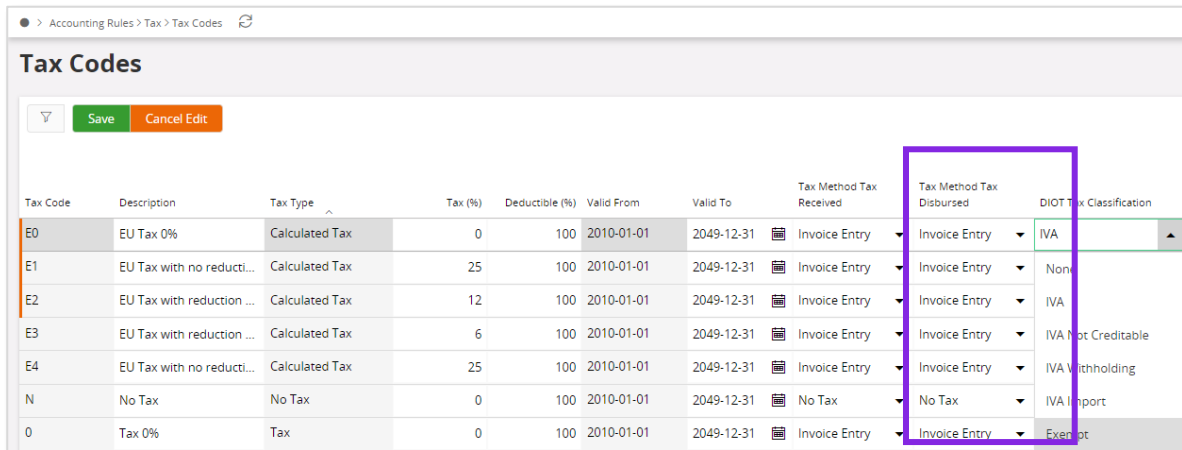
6.5 Define Basic Data

6.5.1 DEFINE DIOT TAX CLASSIFICATION

Tax classification are six different values that are pre-defined by the Mexican government. Each of these values has a corresponding ID, as below.

Tax Classification	Tax Classification ID
None	001
IVA	002
IVA Not Creditable	003
IVA Withholding	004
IVA Import	005
Exempt	006

Set up tax classification per tax code in *Accounting Rules/Tax/Tax Codes* page in field **DIOT Tax Classification**.



Tax Code	Description	Tax Type	Tax (%)	Deductible (%)	Valid From	Valid To	Tax Method Tax Received	Tax Method Tax Disbursed	DIOT Tax Classification
E0	EU Tax 0%	Calculated Tax	0	100	2010-01-01	2049-12-31	Invoice Entry	Invoice Entry	IVA
E1	EU Tax with no reducti...	Calculated Tax	25	100	2010-01-01	2049-12-31	Invoice Entry	Invoice Entry	None
E2	EU Tax with reduction ...	Calculated Tax	12	100	2010-01-01	2049-12-31	Invoice Entry	Invoice Entry	IVA
E3	EU Tax with reduction ...	Calculated Tax	6	100	2010-01-01	2049-12-31	Invoice Entry	Invoice Entry	IVA Not Creditable
E4	EU Tax with no reducti...	Calculated Tax	25	100	2010-01-01	2049-12-31	Invoice Entry	Invoice Entry	IVA Withholding
N	No Tax	No Tax	0	100	2010-01-01	2049-12-31	No Tax	No Tax	IVA Import
0	Tax 0%	Tax	0	100	2010-01-01	2049-12-31	Invoice Entry	Invoice Entry	Exempt

6.5.2 DEFINE DELIVERY TYPE FOR E VOUCHER TYPE

Follow the standard processes in IFS Cloud Documentation to set up the *Delivery Type* for E-voucher (generated from Expense Sheet). The delivery type for E voucher is after transactions displayed in page *Financials/Tax Ledger/Tax Transactions*.

● > Financials > Tax Ledger > Tax Transactions

Search *Advanced*

Tax Trans ID ▾ Identity ▾ Voucher Type: E ▾ Invoice No ▾ Delivery Date ▾ Voucher Date ▾ Tax ID Number ▾ More ▾ Favorites Clear Q ⋮ Settings

Tax Transactions

☰ ▾ ⌵ ✎ Calculate Income Amount

✓	:	Tax Trans ID	Identity	Delivery Type ID	Tax Base Amount	Tax Amount	Tax Curr Amount	Party Type	Tax ID Number
<input type="checkbox"/>	:	201402	DGOOLK	TRAVEL	800,00	200,00	200,00	Employee	
<input type="checkbox"/>	:	201403	DGOOLK	FOOD	987,14	132,86	132,86	Employee	

6.6 Create Supplier Invoice

Create a supplier invoice follow the standard process in IFS Cloud Documentation. Update the supplier invoice voucher to General Ledger to fetch the tax ledger.

6.7 Create Expense Sheet

Follow the standard processes in IFS Cloud Documentation to create a new expense sheet from dialog *Add New Expense*. This dialog is possible to reach from pages;

- *Human Capital Management/My Self-Service/My Expenses/My Expense Sheet Details*
- *Human Capital Management/HCM Services/Employee Expense/Expense Sheet Details-Admin*
- *Human Capital Management/Manger Services/Expenses/Expense Sheet Details*
- *Human Capital Management/HCM Services/Employee Expense/Expense Sheets*
- *Human Capital Management/My Self-Service/My Expenses/My Expense Sheets*

Add supplier in the field **Supplier**, by choosing a value from the drop-down list or enter a free text value.

Add tax id in the field **Tax ID**. If the Supplier is register in IFS, it is possible to choose the TAX ID from the drop-down list, otherwise **TAX ID** field is handled as a free text field. **Tax ID** field is a mandatory field.

×

Add New Expense

Expense Info

Expense Date:

Expense Code: ▼

Reimbursable:

Reference:

Expense Amounts

Currency Code: <input type="text" value="USD - US Dollar"/> ▼	Currency Rate for USD: <input type="text" value="1"/>	Gross Currency Amount: <input type="text" value="1500,00"/>
Total Tax Currency Amount: <input type="text" value="0,00"/>	Gross Amount in Payment Currency: <input type="text" value="1500,00"/>	Tax Amount in Payment Currency: <input type="text" value="0,00"/>

Connected To

Organization: ▼

Project Activity: ▼

Customer Company: ▼

Customer Project Activity: ▼

Work Order: ▼ Work Task: ▼

Reference Supplier Information

Supplier: <input type="text" value="5001 - Supplier 5001"/> ▼	Tax ID Number: <input type="text" value="302054"/> ▼
---	--

6.7.1 MY EXPENSE SHEET DETAILS

In page *Human Capital Management/My Self-Service/My Expenses/My Expense Sheet Details*, supplier information and tax id number are visible in section *Expenses and Allowances*.

Human Capital Management > My Self-Service > My Expenses > My Expense Sheet Details

My Expense Sheet Details

DGOOLK (DGOOLK) - Expense ID: 200239

Confirm Edit Expense Sheet Information Delete Expense Sheet Print New Expense Sheet

Gross Amount - 20965,00 USD | Reimbursable Amount - 20965,00 USD

Advance: 0,00 USD | Balance: 20965,00 USD

Expense Sheet Information

General Expense

Purpose: [icon] Expense Date: 2020-02-26

Expense Sheet Information: [icon] Organization: FIN Expense Rule: 01 - Standard

Project Activity: DGMXP.SP.ACT1 - ACT1 Customer Company: Customer Project Activity

Work Order: Work Task: No Agenda

Expenses and Allowances

Add Expense

Type Expense Date Description Tax ID Number: 3331231 More Favorites Clear Settings

Type	Expense Date	Description	Supplier	Tax ID Number	Reference	Price	Quantity	Guest List ID	Guests Total
Expense	2020-02-26	015 - Meals	DG_S1 - DG_S1	3331231					
Expense	2020-02-26	010 - Hotel	DG_S1 - DG_S1	3331231					

6.7.2 EXPENSE SHEET DETAILS-ADMIN

In page *Human Capital Management/HCM Services/Employee Expenses/Expense Sheet Details-Admin* supplier information and tax id number are visible in section *Expenses and Allowances*

Human Capital Management > HCM Services > Employee Expense > Expense Sheet Details - Admin

Expense Sheet Details - Admin

(200239)

Confirm Edit Expense Sheet Information Delete Expense Sheet Add Destination Payments Set Project Activity Set Code Parts Print Postings New Expense Sheet

Gross Amount - 19965,00 USD | Reimbursable Amount - 19965,00 USD

Advance: 0,00 USD | Balance: 19965,00 USD

Expense Sheet Information

General Expense

Purpose: [icon] Expense Date: 2020-02-26

Expense Sheet Information: [icon] Organization: FIN Expense Rule: 01 - Standard

Project Activity: DGMXP.SP.ACT1 - ACT1 Customer Company: Customer Project Activity

Work Order: Work Task: No Agenda

Expenses and Allowances

Add Expense Generated Entertainment Expenses

Type Expense Date Description Supplier: 5001 Tax ID Number: 54545 More Favorites Clear Settings

Type	Expense Date	Description	Supplier	Tax ID Number	Reference	Price	Quantity	Guest List ID	Guests Total	Currency Rate
Expense	2020-02-26	010 - Hotel	5001 - Supplier 5001	54545						1

6.7.3 EXPENSE SHEET DETAILS

In page *Human Capital Management/Manger Services/Expenses/Expense Sheet Details* supplier information and tax id number are visible in section *Expenses and Allowances*.

Human Capital Management > Manager Services > Expenses > Expense Sheet Details

Expense Sheet Details

DG00LK (DG00LK) - Expense ID: 200243

Confirm Edit Expense Sheet Information Delete Expense Sheet Print New Expense Sheet

Gross Amount - 3800,00 USD | Reimbursable Amount - 3800,00 USD

Advance: 0,00 USD | Balance: 3800,00 USD

Expense Sheet Information

General Expense

Purpose: Expense Date: 2020-02-28

Expense Sheet Information: Organization: FIN | Expense Rule: 01 - Standard

Project Activity: Customer Company: Customer Project Activity

Work Order: Work Task:

Expenses and Allowances

Type Expense Date Description Tax ID Number: 33331231 More Favorites Clear Settings

Type	Expense Date	Description	Supplier	Tax ID Number	Reference	Price	Quantity	Guest List ID
Expense	2020-02-28	020 - VAT	DG_51 - DG_51	33331231				

6.8 Gather Data via Tax Ledger item Information Source

Follow the standard process (example using Business Reporter or Quick Report) to fetch data from the information source *Tax Ledger Item*.

The *Tax Ledger Item* information source has been adjusted to include information required in the DIOT report. The following has been added:

- DIOT Supplier Classification
 - If the Supplier Country (Supplier/General tab) is Mexico, then DIOT Supplier Classification should be “National” else “Foreign”
- Supplier Alpha3 Country Code
- Supplier Country Code
- Supplier Country Code Description

Information Source Items

Information Sources:

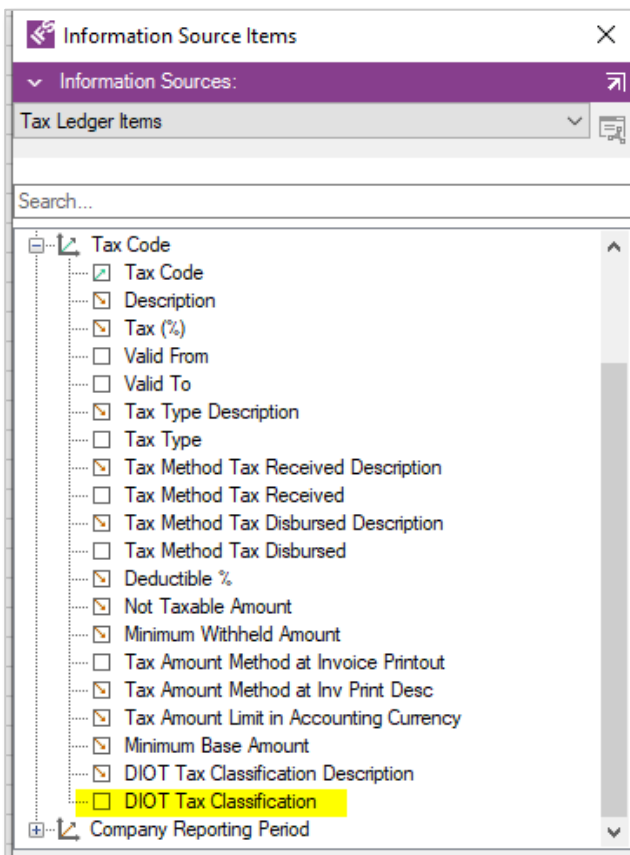
Tax Ledger Items

Search...

- Original Tax ID Number
- Original Delivery Type ID
- Arrival Date
- Original Tax Code
- Default Tax Transaction Liability Date
- Include in Tax Proposal
- Supplier Alpha3 Country Code
- Supplier Country Code Description
- Supplier Country Code
- DIOT Supplier Classification Description
- DIOT Supplier Classification
- Company
- Accounting Period

In the *Tax Ledger Item* information source under the *Tax Code* dimension the following new information is been added:

- DIOT Tax Classification



6.9 Send DIOT Report information

Send the required data gathered from the information source to a third party service provider or use a tool outside IFS Cloud to convert the information into an approved file format and send it to government authority (SAT).

6.10 Delimitations

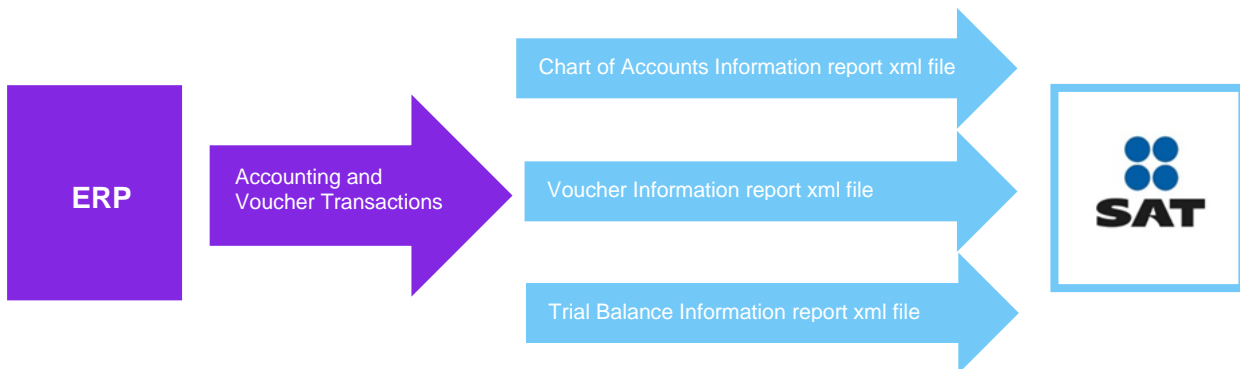
N/A

7 e-Accounting Data

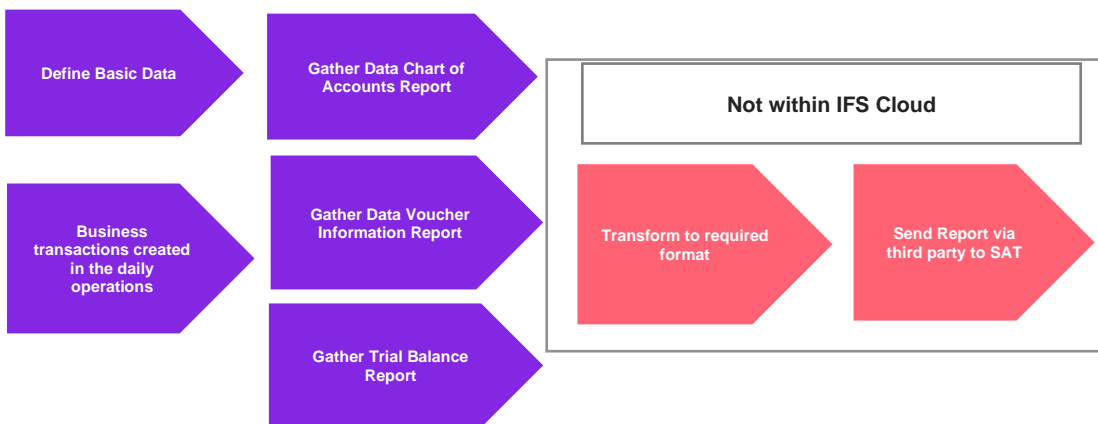
7.1 Overview Legal Requirement

In Mexico it is a legal requirement to send following reports to government authority (SAT);

- Chart of Accounts Information report, send on request
- Voucher Information report, send monthly
- Trial Balance Information report, send monthly



7.2 Process Overview



7.3 Solution overview

To support this legal requirement the following LCC parameter is available;

- e-Accounting Data

The solution is based on using information sources and extract data via IFS Business Reporter or Quick Reports. The data is transformed to required format either by a 3rd party service provider or via a tool outside IFS Cloud. The information sources have been adjusted to contain the required data.

To support the requirements for the Chart of Accounts report the following is added in IFS Cloud:

- Required SAT information in SAT account group page

- Required SAT information in account page
- Required SAT information in accounts page
- Required SAT information in pseudo codes page

To support the requirements for the Voucher Information report UUID number is added to the following transactions:

- Manual Supplier Invoice
- Manual Customer Invoice
- Expense Sheet Details
- Expense Sheet Details, Admin
- My Expense Sheet Details

7.4 Pre-Requisites

The company must be set-up to use the Mexican localization, see the Company Set-Up chapter, and the following localization parameter must be enabled:

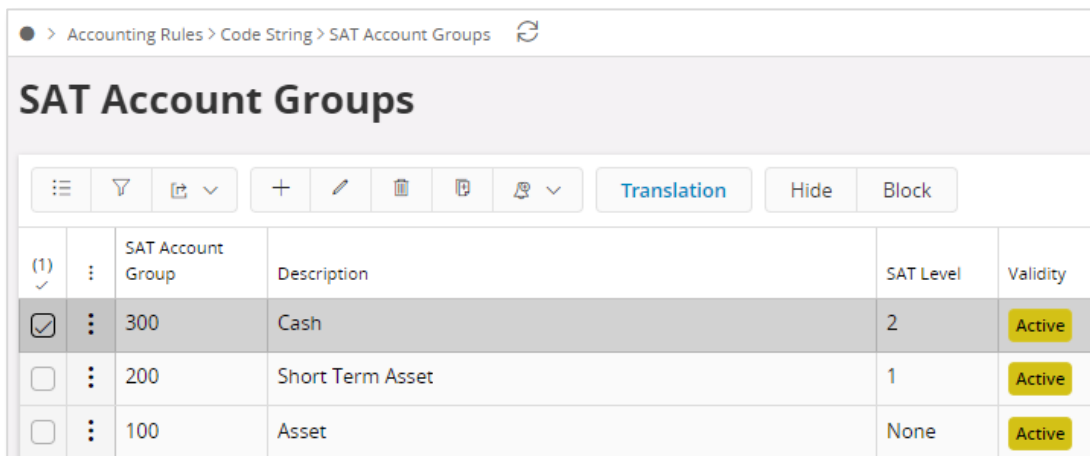
- E-Accounting Data

IFS Business Reporter or Quick Reports is used to extract the required data

7.5 Chart of account report

7.5.1 DEFINE BASIC DATA – SAT INFORMATION

Define different SAT Account Groups and connected SAT Level in page *Accounting Rules/Code String/SAT Account Groups*



(1) ✓	SAT Account Group	Description	SAT Level	Validity
<input checked="" type="checkbox"/>	300	Cash	2	Active
<input type="checkbox"/>	200	Short Term Asset	1	Active
<input type="checkbox"/>	100	Asset	None	Active

SAT account information can be connected to the following pages;

- Account
- Accounts
- Pseudo Code

In page *Accounting Rules/Code Strings/Account* under tab **SAT Information**, connect SAT information to fields **SAT Account Group**, **SAT Account Type**, **SAT Level** and **SAT Parent Account**.

Account 4021 - Cost of goods sold 1 of 2

Code String Completion Tax Codes per Account Code Part Attribute Connection

Account	Description	Account Type	Account Group
4021	Cost of goods sold	COST - Cost	400 - Purchases of goods and mat...
Valid Period	Code String Completion Exists	Attribute Exists	
1/1/2019 - 12/31/2049	No	No	
Notes			

Tax Options Options

Project

CODE PART DEMANDS BUDGET CODE PART DEMANDS CONSOLIDATION **SAT INFORMATION**

SAT Account Group	SAT Account Type	SAT Level	SAT Parent Account
100 - Assets	Debit	2	1011 - Expenses for research and...

In page *Accounting Rules/Code Strings/Accounts*, add SAT information in fields **SAT Account Group**, **SAT Account Type**, **SAT Level** and **SAT Parent Account**.

Accounts

Multi Company

	SAT Parent Account	SAT Account Type	SAT Account Group	SAT Level	Account	Description	Account Type	Account Group	Tax Handling
<input type="checkbox"/>	1010 - Expenses carried forward	Debit	102 - Bank	2	1010	Expenses carried forward	ASSETS - Assets	100 - Intangible assets	All
<input type="checkbox"/>	1010 - Expenses carried forward	Debit	101 - Cash	2	1011	Expenses for research and development	ASSETS - Assets	100 - Intangible assets	All

In page *Accounting Rules/Code Strings/Pseudo Codes*, add SAT information in fields **SAT Account Group**, **SAT Account Type**, **SAT Level** and **SAT Parent Account**.

Pseudo Codes

Pseudo Code Pseudo Code Description Account SAT Parent Account More Favorites Clear Q Settings

	Pseudo Code	Pseudo Code Description	Account	Cost Cent	SAT Account Group	SAT Level	SAT Account Type	SAT Parent Account
<input type="checkbox"/>	1010A	1020A	1020 - Concessions	FIN - Finance Department	101 - Cash	1	Credit	
<input type="checkbox"/>	1030A	1030A	1030 - Patents	FIN - Finance Department	100.01 - Short Term Assets	2	Debit	1011 - Expenses for research and development
<input type="checkbox"/>	11	1111010	4021T - 4021T		102.01 - National banks	2	Debit	3011 - Sales, taxable
<input type="checkbox"/>	2	121	4021T - 4021T		102.01 - National banks	2	Debit	4021 - Cost of goods sold

7.5.2 GATHER DATA CHART OF ACCOUNT REPORT

Use IFS Business Reporter or Quick Report to gather the data for the chart of account report via information source GL Balance.

The following has been added to the information source to support the chart of account report:

Account dimension following attributes are added;

- SatAccountType
- SatAccountGroup
- SatAccountGroupDesc

- SatLevel
- SATParentAccount

On company dimension following attribute is added;

- CompanyTaxIdNumber

7.5.3 TRANSFORM TO REQUIRED DATA AND SEND REPORT TO SAT

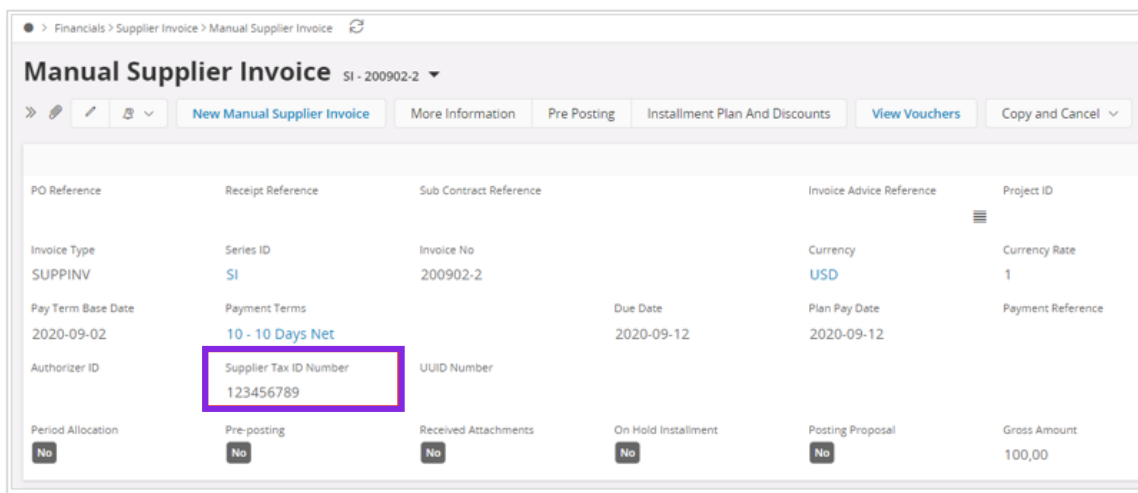
Use a third-party service provider or a tool outside IFS Cloud to transform the data to required format and to send the file to SAT.

7.6 Voucher information Report

7.6.1 BUSINESS TRANSACTIONS

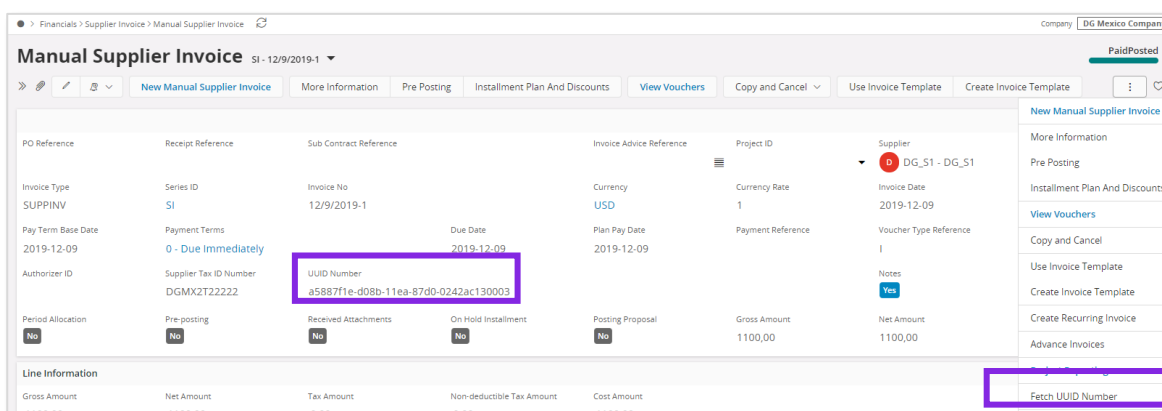
7.6.1.1 Manual Supplier Invoice

In page *Financials/Supplier Invoice/Manual Supplier Invoice*, information about the supplier tax ID number is available.



The screenshot shows the 'Manual Supplier Invoice' form for invoice SI - 200902-2. The 'Supplier Tax ID Number' field is highlighted with a red box and contains the value '123456789'. Other fields include PO Reference, Receipt Reference, Sub Contract Reference, Invoice Advice Reference, Project ID, Invoice Type (SUPPINV), Series ID (SI), Invoice No (200902-2), Currency (USD), Currency Rate (1), Pay Term Base Date (2020-09-02), Payment Terms (10 - 10 Days Net), Due Date (2020-09-12), Plan Pay Date (2020-09-12), and Payment Reference.

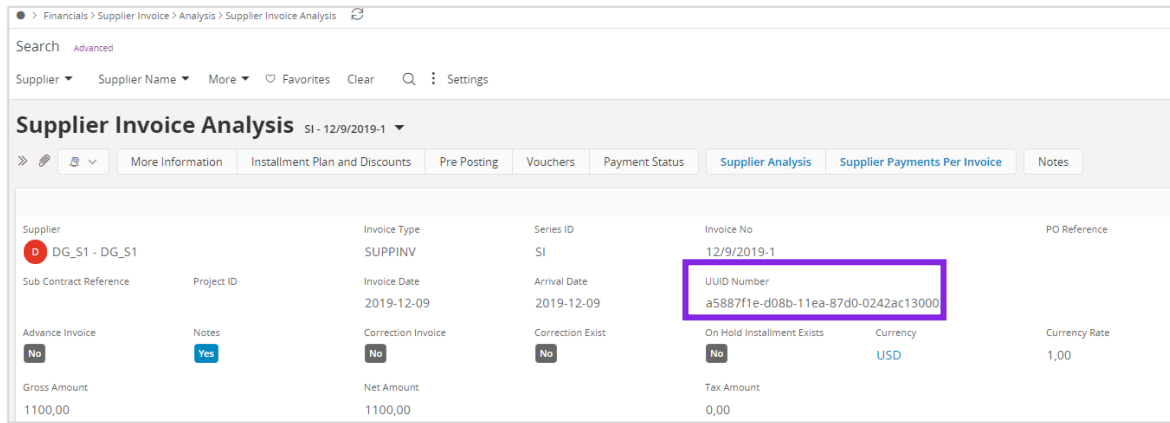
Add the UUID number manually in page *Financials/Supplier Invoice/Manual Supplier Invoice* by choosing **Fetch UUID Number** and fetch the UUID number from response xml file.



The screenshot shows the 'Manual Supplier Invoice' form for invoice SI - 12/9/2019-1. The 'UUID Number' field is highlighted with a red box and contains the value 'a5887ffe-d08b-11ea-87d0-0242ac130003'. The 'Supplier' dropdown is set to 'DG_S1 - DG_S1'. The 'Fetch UUID Number' button is highlighted with a red box. Other fields include PO Reference, Receipt Reference, Sub Contract Reference, Invoice Advice Reference, Project ID, Supplier, Invoice Type (SUPPINV), Series ID (SI), Invoice No (12/9/2019-1), Currency (USD), Currency Rate (1), Invoice Date (2019-12-09), Due Date (2019-12-09), Plan Pay Date (2019-12-09), Payment Reference, Voucher Type Reference (I), Supplier Tax ID Number (DGMX2T2222), and Net Amount (1100,00).

UUID number for manual supplier invoice is also visible in the following analysis page;

- *Financials/Supplier Invoice/Analysis/Supplier Invoice Analysis*



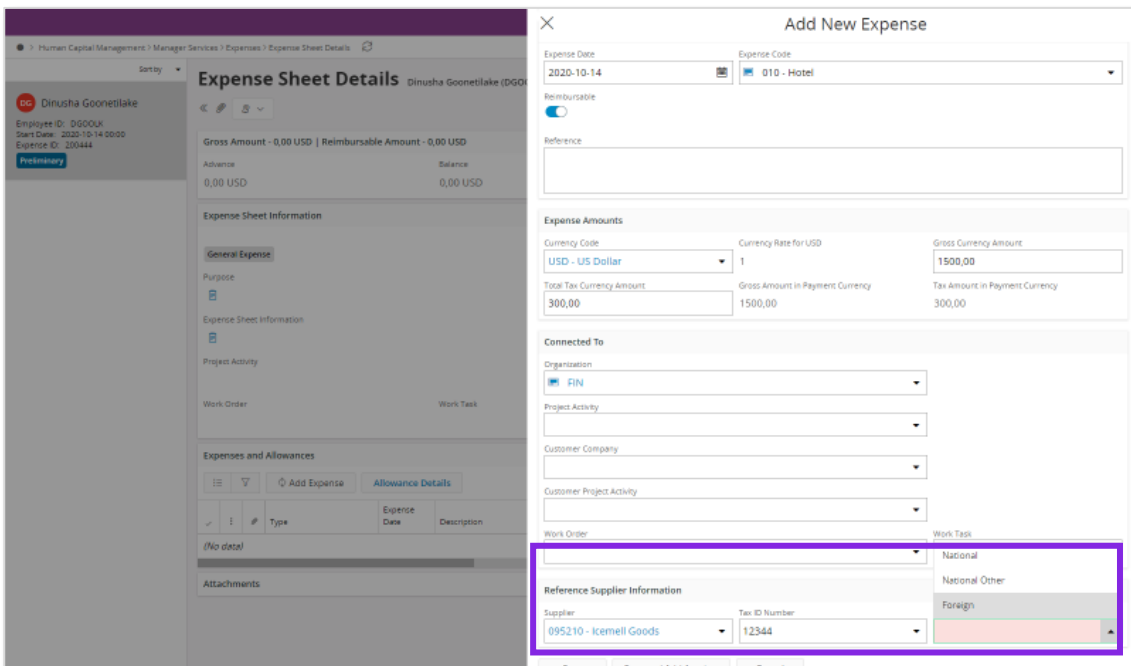
The screenshot displays the 'Supplier Invoice Analysis' page for invoice SI - 12/9/2019-1. The 'Supplier' is DG_S1 - DG_S1. The 'Invoice No' is 12/9/2019-1. The 'UUID Number' is highlighted in a purple box and is a5887f1e-d08b-11ea-87d0-0242ac13000. Other fields include Invoice Type (SUPPINV), Series ID (SI), Invoice Date (2019-12-09), Arrival Date (2019-12-09), and Currency (USD).

Supplier	Invoice Type	Series ID	Invoice No	PO Reference
DG_S1 - DG_S1	SUPPINV	SI	12/9/2019-1	
Sub Contract Reference	Project ID	Invoice Date	Arrival Date	UUID Number
		2019-12-09	2019-12-09	a5887f1e-d08b-11ea-87d0-0242ac13000
Advance Invoice	Notes	Correction Invoice	Correction Exist	On Hold Installment Exists
No	Yes	No	No	No
				Currency
				USD
				Currency Rate
				1,00
Gross Amount	Net Amount		Tax Amount	
1100,00	1100,00		0,00	

7.6.1.2 Expense Sheet

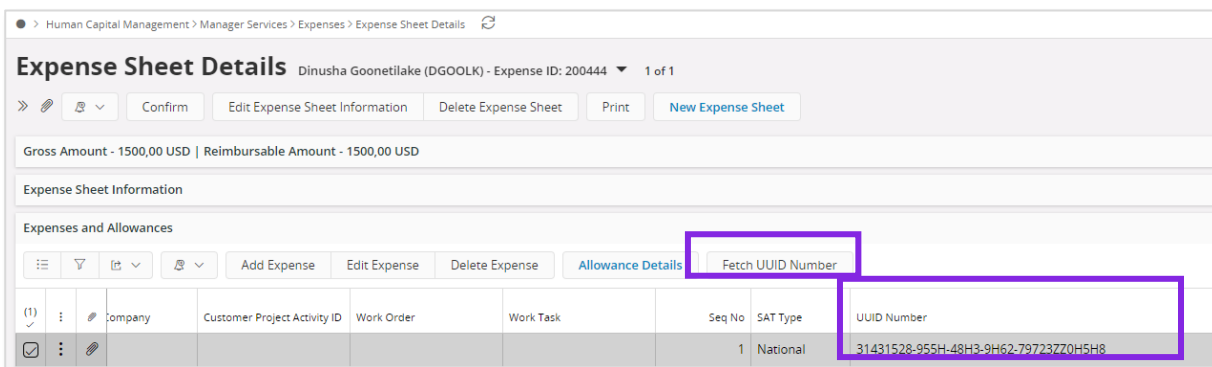
From the below pages open the dialog *Add New Expense* to enter information regarding supplier, tax ID number and SAT type. Possible values for field **SAT Type** are “National”, “Foreign” and “National Other”.

- *Human Capital Management/My Self-Service/My Expenses/My Expense Sheet Details*
- *Human Capital Management/HCM Services/Employee Expense/Expense Sheet Details-Admin*
- *Human Capital Management/Manger Services/Expenses/Expense Sheet Details*
- *Human Capital Management/HCM Services/Employee Expense/Expense Sheets*
- *Human Capital Management/My Self-Service/My Expenses/My Expense Sheets*



Add the UUID number by manually fetch the UUID number from the response xml file in one of the following pages:

- *Human Capital Management/Manager Services/Expenses/Expense Sheet Details*
- *Human Capital Management/HCM Services / Employee Expense /Expense Sheet Details-Admin*
- *Human Capital Management/My Self-Service/My Expenses/My Expense Sheet Details*



Human Capital Management > HCM Services > Employee Expense > Expense Sheet Details - Admin (200444)

Expense Sheet Details - Admin (200444)

Confirm Edit Expense Sheet Information Delete Expense Sheet Add Destination Payments Set Project Activity Set Work Task

Gross Amount - 1500,00 USD | Reimbursable Amount - 1500,00 USD

Expense Sheet Information

Expenses and Allowances

Add Expense Edit Expense Delete Expense Allowance Details Tax Lines Fetch UUID Number

	Gross Amount	Price	Quantity	Guest List ID	Guests Total	UUID Number
<input checked="" type="checkbox"/>	1500,00 USD					31431528-955H-48H3-9H62-79723ZZ0H5H8

My Expense Sheet Details Dinusha Goonetilake (DGOOLK) - Expense ID: 200444 1 of 1

Confirm Edit Expense Sheet Information Delete Expense Sheet Print New Expense Sheet

Gross Amount - 1503.00 USD | Reimbursable Amount - 1503.00 USD

Advance Balance
0.00 USD 1503.00 USD

Expense Sheet Information

Expenses and Allowances

Add Expense Edit Expense Delete Expense Allowance Details Fetch UUID Number

	Work Task	Seq No	SAT Type	UUID Number	Supplier
<input checked="" type="checkbox"/>		1	National	31431528-955H-48H3-9H62-79723ZZ0H5H8	095210 - Icemell Goods
<input type="checkbox"/>		2	National Other		DG_S1 - DG_S1

Attachments

7.6.1.3 Manual Customer Invoice

For manual customer invoice, add the UUID number in page *Financials/Customer Invoice/Manual Customer Invoices*. Choose **Fetch UUID number** to manually fetch the UUID number from the response xml file.

Financials > Customer Invoice > Manual Customer Invoices

Manual Customer Invoices

New Manual Customer Invoice Cancel Invoice Customer Invoice Analysis Installment Plan and Discounts Advance Invoices Voucher Entry Fetch UUID Number

	Customer	Series ID	Invoice No	Status	UUID Number	Invoice Type	Invoice Date	Currency
<input checked="" type="checkbox"/>	DG_MX - DG_MX	CI	1/2/2020-1	PostedAuth	7ec8adc4-f32a-11ea-adc1-0242ac120002	CUSTINV	2020-01-02	USD

7.6.2 GATHER DATA VOUCHER INFORMATION REPORT

Use IFS Business Reporter or Quick Report to gather the data for the voucher information report via information sources Supplier Invoice, Supplier Payment Transaction, Customer Invoice and Customer Payment Transaction and GL Transaction.

The following has been added to support the voucher information report:

In information source *Supplier Invoice* following are added as light items;

- UuidNumber
- SupplierTaxIdNumber

In information source *Customer Invoice* following are added as light items;

- UuidNumber
- UuidDate
- CustomerTaxIdNumber

In information source *Customer Payment Transaction* following dimension is added;

- CashAccount

In information source *Customer Payment Transaction* and under *CashAccount* dimension following attributes are added:

- SatBankNumber
- SatBankDescription

In information source *Supplier Payment Transaction* following dimension is added;

- CashAccount

In information source *Supplier Payment Transaction* under *Cash Account* dimension following attributes are added;

- SatBankNumber
- SatBankDescription

In information source *GL Balance* under *Company* dimension following attributes is added;

- CompanyTaxIdNumber

7.6.3 TRANSFORM TO REQUIRED DATA AND SEND REPORT TO SAT

Use a third-party service provider or a tool outside IFS Cloud to transform the data to required format and to send the file to SAT.

7.7 Trial Balance Information Report

7.7.1 GATHER DATA FOR TRIAL BALANCE INFORMATION REPORT

Use IFS Business Reporter or Quick Report to gather the data for the voucher information report via information source *GL Balance*.

The following has been added to the *GL Balance* company dimension:

- CompanyTaxIdNumber

7.7.2 TRANSFORM TO REQUIRED DATA AND SEND REPORT TO SAT

Use a third-party service provider or a tool outside IFS Cloud to transform the data to required format and to send the file to SAT.

Send the required data gathered from the information source to a third-party service provider or use a tool to convert the information into an approved file format and send it to government authority (SAT).

7.8 Delimitations

IFS Cloud provides the data required for the reports but the transformation to required file formats are handled outside IFS Cloud, via a third part service provider or external tools.

8 Appendix

8.1 Mapping document for invoice .xml file



Cfdi_eInvoice_mapping_document.xlsx

8.2 Mapping document for epayment receipt .xml file



Cfdi_ePayment_mapping_document.xlsx