**Pioneer requirement:**

**Functional:**

Pioneer delivers many services to many clients by subcontracting these services to many vendors.

The client wants to make sure all supplier bill lines have a correspondent invoice lines.

Component must be build for v15.

**Logical:**

Invoices(subscription): Bills (purchase agreements):

Bill 342343

Supplier A

**Product Qty**

Product1 – Del address 2

Product1 – Del adress11 2

Product11 – Del address x 1

Invoice 1231

Customer Internal Company A

Del Address ClientAA

**Product Del Address Qty**

ProductA ClientAADel1 2

ProductB ClientAADel2 1

bill 145655

Supplier B

**Product Qty**

ProductX del PP 1

Invoice 1255

Customer Internal Company A

Del Address ClientBB

**Product Del Address Qty**

ProductA ClientBBDel1 2

ProductC ClientBBDel2 1

**Design:**

1. **Subscriptions:**
   1. **Subscription header**

Add Delivery address to Subscription header. This represent the “end client” where the service has been delivered in multi company setup where the customer will the other internal company

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Link from invoice to subscription line table label

* 1. **Subscriptions Lines**

On Subscription Lines add:

Delivery Address – Contact, the client site where the service will be delivered.

Vendor – Contact (supplying the service\product)

Vendor Price – The price the vendor is going to bill the company

Planned GP% - Calculated field = ((Unit Price – vendor price)/Unit Price)\*100

Description = Concatenation off Delivery address and Product description and

1. **Generate Subscription Invoices**

Update the current generate subscription invoice process to build a link between the invoice line and the subscription line. This link will be used to create a bill from the invoice.

1. **Generate Bills**

After all the subscription invoices were generated, a new function must be added under Action “Generate Subscription Bills” at Accounting>Customers>Invoices to create a draft Vendor Bill based on the selected subscription invoices.

After the user selects the latest subscription invoices and select Action “Generate Subscription Bills”

This function must then go through all the SELECTED invoices and their subscriptions and find per line the vendor and create a bill (for each new vender found, new vendor bill needs to be created)

Per invoice line use the following fields to create a bill line:

* Product
* Description
* quantity,
* Vendor unit Prices (from subscription),
* other default rules – Account, Taxes (from product), uom etc.
* create a link between the invoice line and bill line.

1. **Report (Subscription, Invoices and Bills)**

**Create a Gross Profit report**

For selected invoices

Shows the invoice line data with the bill line data with the actual GP%

Fields on report:

Partner – Invoice Header

Invoice date – Invoice Header

Invoice due date – Invoice Header

Invoice number – Invoice Header

Product – Invoice Line

Vendor – Vendor

Product UOM – Invoice Line

Currency – Invoice Line

Invoiced Quantity – Invoice line Quantity

Unit Price – Invoice line unit price

Total invoice line amount - – Invoice Line amount

Subscription Planned Vendor unit price – Subscription Line vendor unit price

Total Planned Vendor amount – Invoiced line quantity x Subscription Line vendor unit price

Billed quantity – Bill qty

Billed unit prices –

Total billed line amount – Billed quantity x billed unit price

Actual Gross Profit = (Total invoice line amount - Total billed line amount)

Actual Gross Profit % = ((Total invoice line amount - Total billed line amount)/ Total invoice line amount) \* 100