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Subscription Billing GP18.3

Build Notes

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Build 18.337 – July 16, 2021

Subscription Billing SOP Document Creation Updates

1. Resolved Rounding issues on SOP document generated.

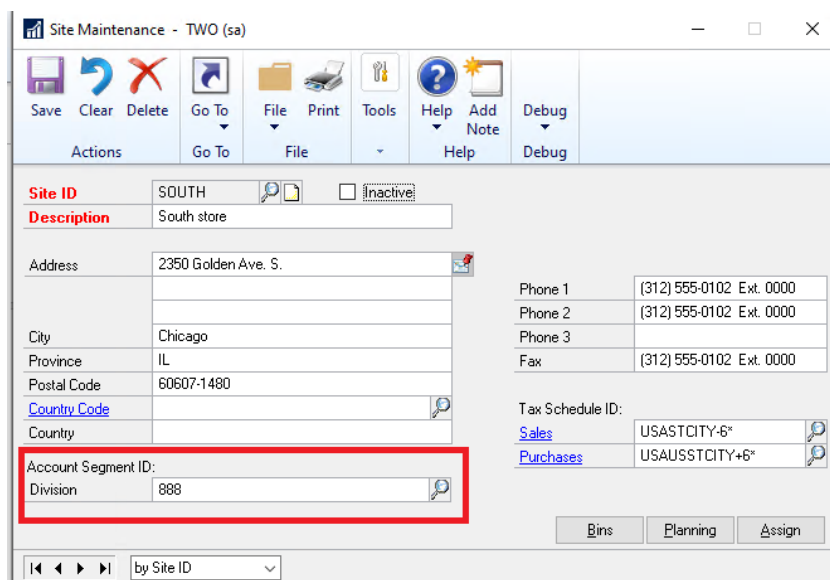
Issue was observed should the line item being invoiced have a Currency Decimal Place override of 3 or more decimal places and the line item on the contract contain a markdown to the 3rd decimal place value and the Unit price also be to the 3rd decimal place value that it resulted in the AR and Sales Distributions being rounded up incorrectly. Which this would only occur if the markdown distributions before rounding would be X.XX51 to X.XX56. This issue is now resolved.

Build 18.337 – July 15, 2021

Subscription Billing SOP Document Creation Updates

1. Improved SOP Document Creation to be Compatible with Segment Override.

This is an update to the Subscription Billing SOP document creation process to make it compatible with the GP Segment Override value which is set on the GP Site ID. Should the Site ID set on the line item have an Account Segment ID override set then when the SOP document is created the distribution accounts will be overridden for that segment change if an account for that segment change exists. If such an account does not exist, then it will retain the original account value. For example, should the sales account be set to 777-7777-03 and the site ID override is for the first segment and set to the value 888 then when the SOP document is created it will use the sales account 888-7777-03 if this account exists. If it does not, then the sales account will remain as 777-7777-03.



The screenshot shows the 'Site Maintenance - TWO (sa)' window. The 'Account Segment ID' field is highlighted with a red box. The 'Division' field is set to '888'. The 'Site ID' is 'SOUTH' and the 'Description' is 'South store'. The 'Address' is '2350 Golden Ave. S.'. The 'City' is 'Chicago', 'Province' is 'IL', 'Postal Code' is '60607-1480', and 'Country' is 'Country Code'. The 'Phone 1' is '(312) 555-0102 Ext. 0000', 'Phone 2' is '(312) 555-0102 Ext. 0000', 'Phone 3' is '(312) 555-0102 Ext. 0000', and 'Fax' is '(312) 555-0102 Ext. 0000'. The 'Tax Schedule ID' is 'USASTCITY-6*' for 'Sales' and 'USAUSSTCITY+6*' for 'Purchases'. The 'Bills', 'Planning', and 'Assign' buttons are at the bottom right.

Subscription Billing Contract Entry - New - TWO (sa)

Contract Number: CTR000000000073 Contract Status: Active
Customer ID: AARONFIT0001 Customer Name: Aaron Fitz Electrical

General Line Items User-Defined Hide Inactive Line Items

Line Items by Order Entered

Item	Quantity	U of M	Unit Price	Ext. Price	Frequency	UD D/M	Start Date	Next Bill Date	BD	End Date
1 X-SERVICES3	1	Each	\$5,000.00	\$4,500.00	Monthly	0	6/01/21	6/01/21	1st	0/00/00

Item Long Description: X-SERVICES3

Non Inventory ☐ Priorate ☐ Continuous Billing ☐ Prime Consolidate Ln ☐ SERVICES

Site ID: SOUTH Salesperson ID: Ship To Address ID: PRIMARY Sales Territory ID: Shipping Method: LOCAL DELIVERY Tax Schedule ID:

Defer Revenue ☒ Calculation Method: Days In Period Delay Recognition ☐ Service Date: 6/01/21 Number of Periods: 1 Service Period: 6/01/21 to 6/30/21 QTY Recognized: 0.00 Deferral Doc Number:

Billing Recognition Account

Sales: 000-4100-00
Markdown: 000-4100-00

Distribution Accounts

Sales: 777-7777-03 Mark Def 03
Markdown: 777-7777-03 Mark Def 03
Cost of Sales: 000-4510-01 Cost of Goods Sold - Retail/Parts

User Defined

Text Field CL 1
Text Field CL 2
Date Field CL 1: 0/00/00 Numeric Field CL 1: 0.00000
Date Field CL 2: 0/00/00 Numeric Field CL 2: 0.00000
Check Box Field CL 1: Check Box Field CL 2:

Next Billing Date Subtotal: 6/01/21 \$4,500.00

Record 1 of 1 Previous Next

Move Line Up Move Line Down

Contract Number Status: Existing

Sales Transaction Entry - TWO (sa)

Save Actions AA Attach Options View Additional Go To File Print E-mail Available Reports Tools Help Debug

Type/Type ID: Invoice STDINV Date: 7/05/21
Document No: STDINV3136 Batch ID:
Customer ID: AARONFIT0001 Default Site ID: SOUTH
Customer Name: Aaron Fitz Electrical Customer PO Number:
Ship To Address: PRIMARY One Microsoft Way Currency ID: Z-US\$

Line Items by Order Entered

Item Number	Description	U of M	Invoice Qty	Unit Price	Extended Price
X-SERVICES3	X-SERVICES3: 6/01/21 to 6/3	Each	1	\$5,000.00	\$4,500.00

Site ID: SOUTH Price Level: SERVICE Ship To Address ID: PRIMARY Shipping Method: LOCAL DELIVERY Quantity Available: 0

Markdown: \$500.00 Billed Quantity: 1
Unit Cost: \$10.00 Qty Fulfilled: 1
Req Ship Date: 7/05/21 Qty Canceled: 0
Date Shipped: 6/01/21 Qty to Back Order: 0

Amount Received: \$0.00
Terms Discount Taken: \$0.00
On Account: \$4,500.00

Subtotal: \$4,500.00
Trade Discount: \$0.00
Freight: \$0.00
Miscellaneous: \$0.00
Tax: \$0.00
Total: \$4,500.00

Sales Distribution Entry - INVU (SA)

OK Delete Default View Additional File Tools Help Add Note Debug

Customer ID: AARONFIT0001 Document No.: STDINV3136
 Name: Aaron Fitz Electrical Document Type: Invoice
 Functional Amount: \$4,500.00
 Originating Amount: \$0.00

Account Distributions

Account	Type	Debit	Credit
Description		Originating Debit	Originating Credit
Distribution Reference			
888 -7777 -03	SALES	\$0.00	\$5,000.00
888 -7777 -03	MARK	\$500.00	\$0.00
000 -1200 -00	RELV	\$4,500.00	\$0.00
- -		\$0.00	\$0.00
Functional Totals		\$5,000.00	\$5,000.00
Originating Totals		\$0.00	\$0.00

2. Markdown Deferral has incorrect Billing recognition Account.

Issue observed with Line Deferrals and for Deferral Setup of Balance Sheet. Should line item have Markdown that was set to be deferred then the Deferral setup on the SOP transaction was setting the incorrect recognition account on the distribution row. This issue is now resolved.

3. Next Pay Date set incorrectly on Contract Line for Payment processing.

This issue only occurred for Subscription Billing Contract lines that were created and not flagged for Payment processing. Should the user generate the SOP document the creation process was advancing the Next Pay Date for the contract line still based on the Default date 01/01/1900 and the billing frequency. This issue is now resolved so that next paydate will not advance in the back-end table during sop document creation unless the feature is enabled. Should users enable the payment processing for existing lines that were already invoiced it will default the next paydate accordingly.

Subscription Billing Contract Entry Updates

1. Auto Deselect for Prime Consolidated line items.

Trigger is added to Subscription Billing Contract Entry when Save is selected. This trigger will automatically deselect all line items flagged as Prime if the Contract header has the Enable Line Consolidation option unchecked. Issues were noticed causing rollback to fail on any line item flagged as Prime line item when line consolidation is not turned on for the Contract on the Contract Header. A secondary issue occurs during SOP document creation that the line item flagged as Prime fails

to have line deferral settings set should it be flagged for line deferrals. To overcome this issue the trigger was added during save to force all lines to not be flagged as prime.

This will not resolve any pre-existing contract lines. To resolve pre-existing data it is recommended to run the following SQL statements:

```
-- SELECT STATEMENT TO IDENTIFY CONTRACTS
```

```
select * from ME50403 A JOIN ME50405 B ON A.ME_Contract_Number = B.ME_Contract_Number
WHERE B.DocumentCreationGrouping = 0
AND A.ItemClassGroupParent = 1
```

```
--UPDATE STATEMENT TO FIX CONTRACTS
```

```
UPDATE A
SET A.ItemClassGroupParent = 0
FROM ME50403 A JOIN ME50405 B ON A.ME_Contract_Number = B.ME_Contract_Number
WHERE B.DocumentCreationGrouping = 0
AND A.ItemClassGroupParent = 1
```

Build 18.336 – June 07, 2021

Subscription Billing Payment Processing

1. New EFT Payment Processing for Subscription Billing Contract Line items.

We have added a new EFT payment processing add on the Subscription Billing which allows the user to setup a semi-automated payment plan per line item on a contract. With this feature you can invoice users on a specified billing frequency and process payments on that line item at a different frequency. For example, you can invoice annually but process monthly payments for the line item.


With this build you will be able to.

- I. Set the initial setup for Payment processing on line items.
- II. Generate the SOP Invoices which will include any down payments if a down payment was specified in the payment plan.
- III. Review and / or update the payment plan for the SOP document created.
- IV. Process Generating payments based on the payment plans set on invoices created.

This update detailed below is for the following sections.

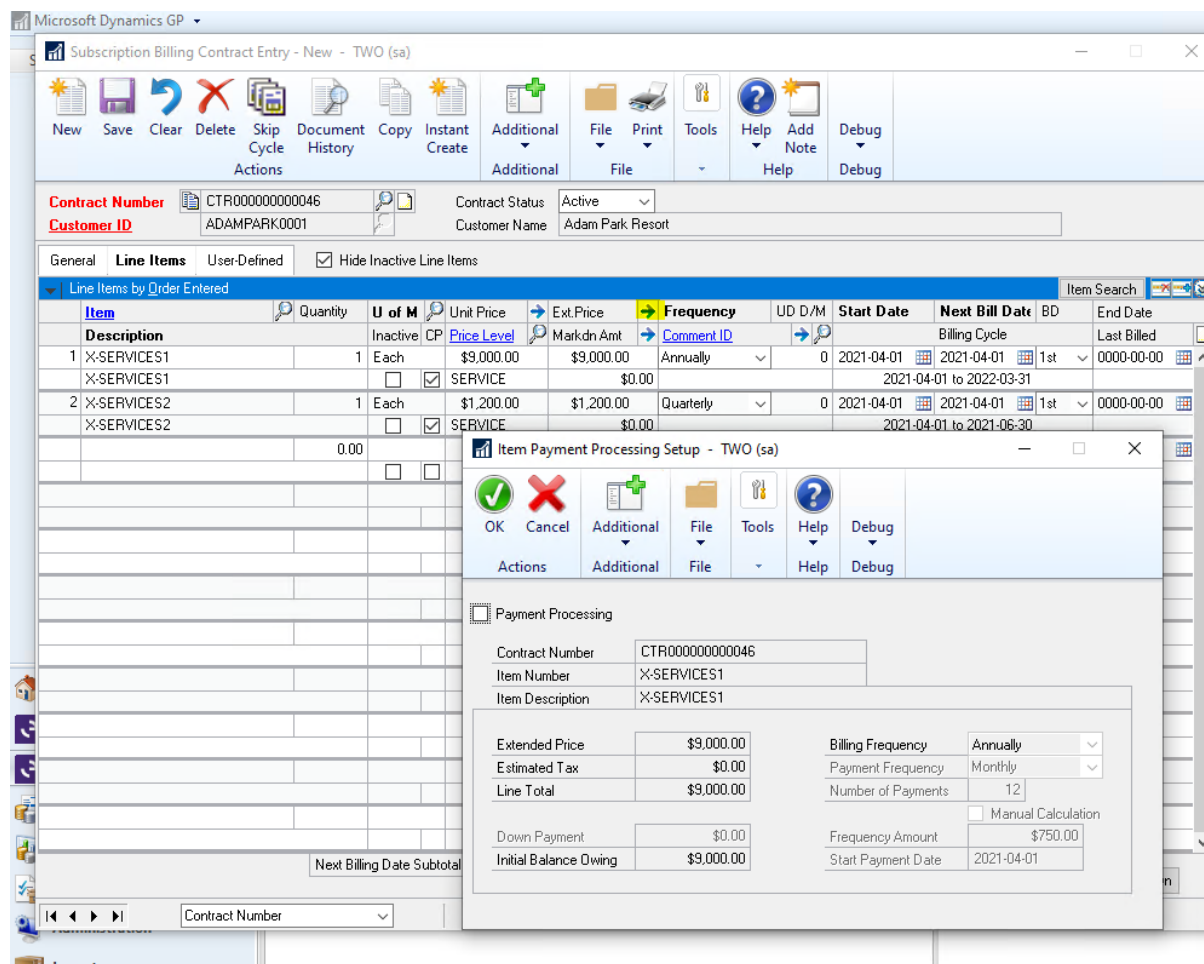
- Subscription Billing Contract Entry
- SOP Document Creation
- SOP Item Payment Processing Maintenance
- Subscription Billing Cash Receipt Generator
- Subscription Billing Importer updates.
- Reporting Views

Subscription Billing Contract Entry

1. In Contract Entry on the line items tab select the line you wish to setup payment Processing for. Then select the zoom into  next to Ext Price.

This will open the Item payment Processing Setup for the line item.

From here you will be specifying the setup for Payment processing for the line item.



The screenshot shows the Microsoft Dynamics GP interface for Subscription Billing Contract Entry. The main window displays a table of line items with columns for Item, Description, Quantity, U of M, Unit Price, Ext Price, Frequency, UD D/M, Start Date, Next Bill Date, BD, and End Date. Two line items are visible: X-SERVICES1 and X-SERVICES2. The X-SERVICES1 line item is selected, and the 'Zoom into' icon (a magnifying glass) is clicked next to its 'Ext Price' field. This action opens the 'Item Payment Processing Setup - TWO (sa)' dialog box.

The 'Item Payment Processing Setup' dialog box contains the following fields and values:

Contract Number	CTR0000000000046
Item Number	X-SERVICES1
Item Description	X-SERVICES1
Extended Price	\$9,000.00
Estimated Tax	\$0.00
Line Total	\$9,000.00
Down Payment	\$0.00
Initial Balance Owning	\$9,000.00
Billing Frequency	Annually
Payment Frequency	Monthly
Number of Payments	12
Manual Calculation	<input type="checkbox"/>
Frequency Amount	\$750.00
Start Payment Date	2021-04-01

2. To enable Payment Processing check the Payment Processing Checkbox

This will enable the fields.

- a. **Down Payment** – used to specify an initial down payment to be included on the SOP invoice being generated. This defaults as \$0.00 but can be specified if needed.
- b. **Payment Frequency** – This defaults to Monthly for every contract line item but can be set to

- . Weekly
- . Bimonthly
- . Quarterly
- . Semi-annually
- . Annually
- . One Time








- c. **Number of Payments** – this will default to be calculated based on the Payment Frequency and Billing Frequency. You can override the number of payments.

Note adjusting the Payment frequency amount and / or Number of payments will auto recalculate the Frequency Amount. If Manual Calculation is checked then changing these values will force the checkbox unchecked.

- d. **Manual Calculation Checkbox** – Check this box if you wish to override the calculated frequency amount. The calculated frequency amount is based on the Line total which will include estimate tax amounts should tax be calculated on the line item. Once checked this will enable the Frequency Amount field. Note the final payment will be the amount remaining regardless of frequency amount specified.
- e. **Start Payment Date** – This will default to be the same date as the next bill date. Once the Contract is picked up for invoicing this date will advance on the contract based on the Billing Frequency similar to that of the Next Bill date.

SERVICE | \$0.00 | 2021-04-01 to 2021-06-30

Item Payment Processing Setup - TWO (sa)

 OK
  Cancel
  Additional
  File
  Tools
  Help
  Debug

Actions
 Additional
 File
 Tools
 Help
 Debug

☒ Payment Processing

Contract Number	CTR000000000046		
Item Number	X-SERVICES1		
Item Description	X-SERVICES1		

Extended Price	\$9,000.00	Billing Frequency	Annually
Estimated Tax	\$0.00	Payment Frequency	Monthly
Line Total	\$9,000.00	Number of Payments	12
Down Payment	\$100.00	<input type="checkbox"/> Manual Calculation	
Initial Balance Owning	\$8,900.00	Frequency Amount	\$741.67
		Start Payment Date	20210401


Item Payment Processing Setup - TWO (sa)

☒ OK ☐ Cancel ☐ Additional ☐ File ☐ Tools ☐ Help ☐ Debug

☒ Payment Processing

Contract Number: CTR000000000046
 Item Number: X-SERVICES2
 Item Description: X-SERVICES2

Extended Price	\$1,200.00	Billing Frequency	Quarterly
Estimated Tax	\$0.00	Payment Frequency	Monthly
Line Total	\$1,200.00	Number of Payments	3
Down Payment	\$50.00	<input checked="" type="checkbox"/> Manual Calculation	
Initial Balance Owning	\$1,150.00	Frequency Amount	\$400.00
		Start Payment Date	2021-05-01

3. Once you completed select OK this will return you back to Contract Entry on the Line details. You will notice a flag  next to the Extended Price for that line. This is a visual indicator that a payment plan was setup on the line item. Once you save the contract it will complete the setup for the line items.

Subscription Billing Contract Entry - New - TWO (sa)

☒ New ☒ Save ☒ Clear ☒ Delete ☒ Skip Cycle ☒ Document History ☒ Copy ☒ Instant Create ☒ Additional ☒ File ☒ Print ☒ Tools ☒ Help ☒ Add Note ☒ Debug

Contract Number: CTR000000000046
 Customer ID: ADAMPARK0001
 Contract Status: Active
 Customer Name: Adam Park Resort

General **Line Items** User-Defined ☒ Hide Inactive Line Items

Line Items by Order Entered

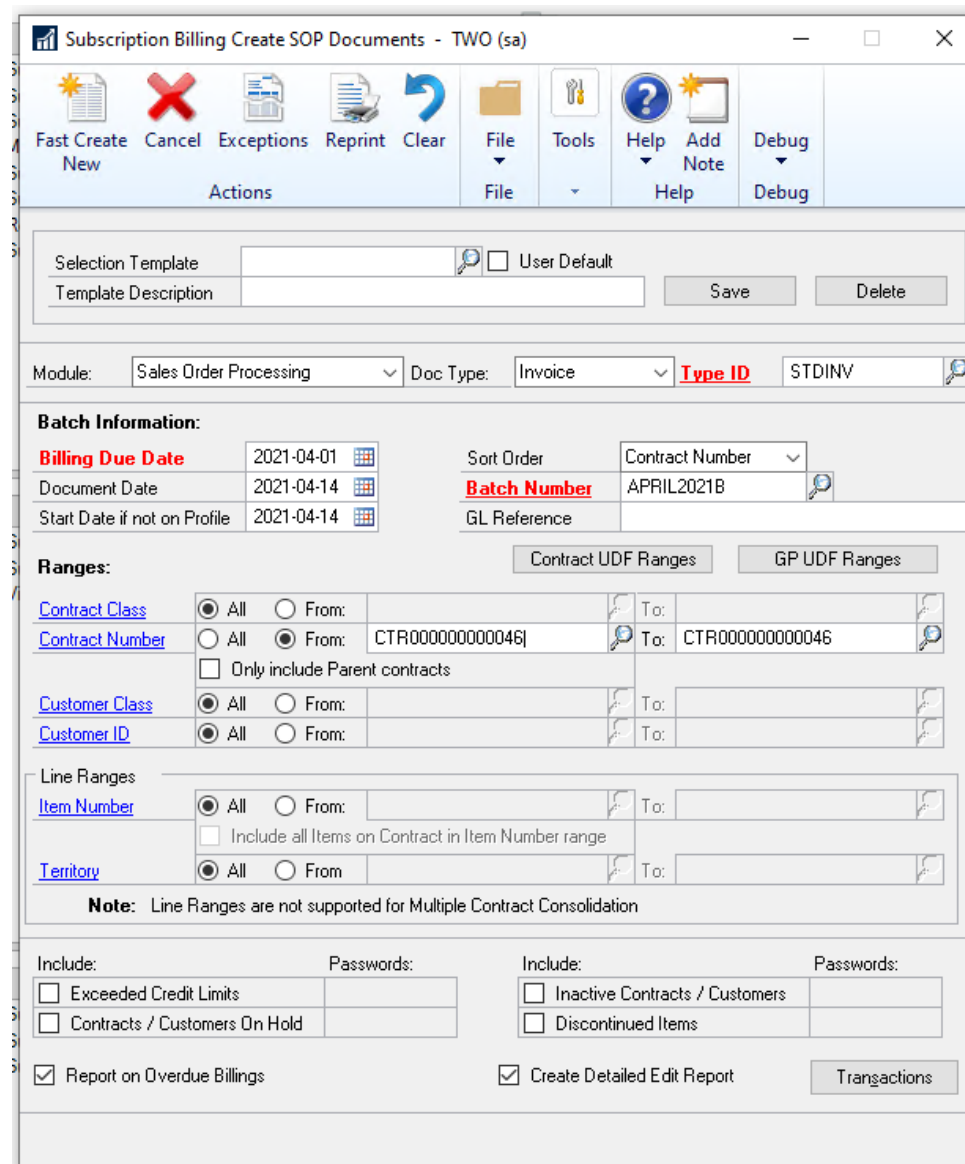
Item	Description	Quantity	U of M	Inactive	CP	Unit Price	Ext. Price	Frequency	UD D/M	Start Date	Next Bill Date	BD	End Date
1	X-SERVICES1	1	Each	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$9,000.00	\$9,000.00	Annually	0	2021-04-01	2021-04-01	1st	0000-00-00
	X-SERVICES1			<input type="checkbox"/>	<input checked="" type="checkbox"/>	SERVICE	\$0.00			2021-04-01 to 2022-03-31			
2	X-SERVICES2	1	Each	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$1,200.00	\$1,200.00	Quarterly	0	2021-04-01	2021-04-01	1st	0000-00-00
	X-SERVICES2			<input type="checkbox"/>	<input checked="" type="checkbox"/>	SERVICE	\$0.00			2021-04-01 to 2021-06-30			
		0.00		<input type="checkbox"/>	<input type="checkbox"/>	\$0.00	\$0.00		0	0000-00-00	0000-00-00		0000-00-00
				<input type="checkbox"/>	<input type="checkbox"/>	\$0.00	\$0.00						
		0.00		<input type="checkbox"/>	<input type="checkbox"/>	\$0.00	\$0.00		0	0000-00-00	0000-00-00		0000-00-00
				<input type="checkbox"/>	<input type="checkbox"/>	\$0.00	\$0.00						

SOP Document Creation.

The workflow for this process has not changed. You can still use either Instant create from the Contract Entry window or the Subscription Billing Create SOP documents window to generate the invoices on a mass scale.

The only change with SOP Document creation is that when the SOP invoice is created if any of the line items had a down payment set on it then it will create the EFT payment directly on the SOP invoice generated only for the down payment amount.

The example below is based on the Contract example above where it had 2 line items one with a down payment for \$100.00 and the other for \$50.00 as such a \$150.00 payment was created directly on the SOP invoice.



Subscription Billing Create SOP Documents - TWO (sa)

Actions: Fast Create New, Cancel, Exceptions, Reprint, Clear, File, Tools, Help, Add Note, Debug.

Selection Template: [Field] [User Default] [Save] [Delete]

Module: Sales Order Processing **Doc Type:** Invoice **Type ID:** STDINV

Batch Information:

Billing Due Date	2021-04-01	Sort Order	Contract Number
Document Date	2021-04-14	Batch Number	APRIL2021B
Start Date if not on Profile	2021-04-14	GL Reference	

Contract UDF Ranges **GP UDF Ranges**

Ranges:

Contract Class	<input checked="" type="radio"/> All <input type="radio"/> From: [Field] To: [Field]
Contract Number	<input type="radio"/> All <input checked="" type="radio"/> From: CTR000000000046 To: CTR000000000046
<input type="checkbox"/> Only include Parent contracts	
Customer Class	<input checked="" type="radio"/> All <input type="radio"/> From: [Field] To: [Field]
Customer ID	<input checked="" type="radio"/> All <input type="radio"/> From: [Field] To: [Field]

Line Ranges:

Item Number	<input checked="" type="radio"/> All <input type="radio"/> From: [Field] To: [Field]
<input type="checkbox"/> Include all Items on Contract in Item Number range	
Territory	<input checked="" type="radio"/> All <input type="radio"/> From: [Field] To: [Field]

Note: Line Ranges are not supported for Multiple Contract Consolidation

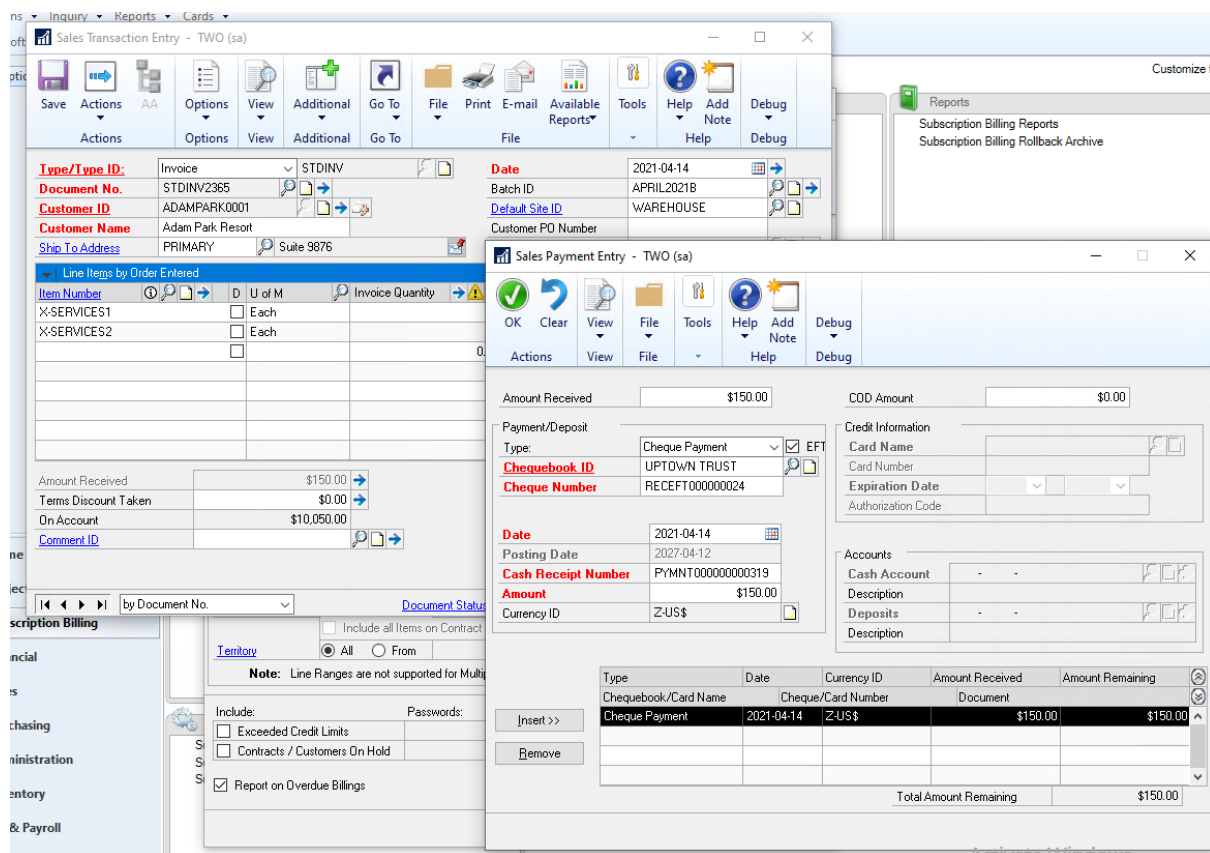
Include: ☐ Exceeded Credit Limits ☐ Contracts / Customers On Hold ☒ Report on Overdue Billings

Passwords: [Field]

Include: ☐ Inactive Contracts / Customers ☐ Discontinued Items ☒ Create Detailed Edit Report

Passwords: [Field]

Transactions





SOP Item Payment Processing Maintenance.

This is the actual payment processing for the SOP invoice line item. This is accessible through the Subscription Billing Document History window. Which is accessible from the Inquiry pane or by selecting the Document History button in Contract Entry.

From this window you would select the row for the SOP invoice generated and then press

the Document Amount link ()

This will open the Document History line details. Similar to Contract Entry if the line item has payment processing setup it will have a flag, , in the extended price field.

You can zoom into the Item Payment Processing Maintenance for that line item by selecting the line item row and pressing the zoom into arrow 

This window will contain the payment processing details from the SOP Contract Line item after the SOP invoice has been created. Should you need to make changes to the setup you can.

The changes that can be made are

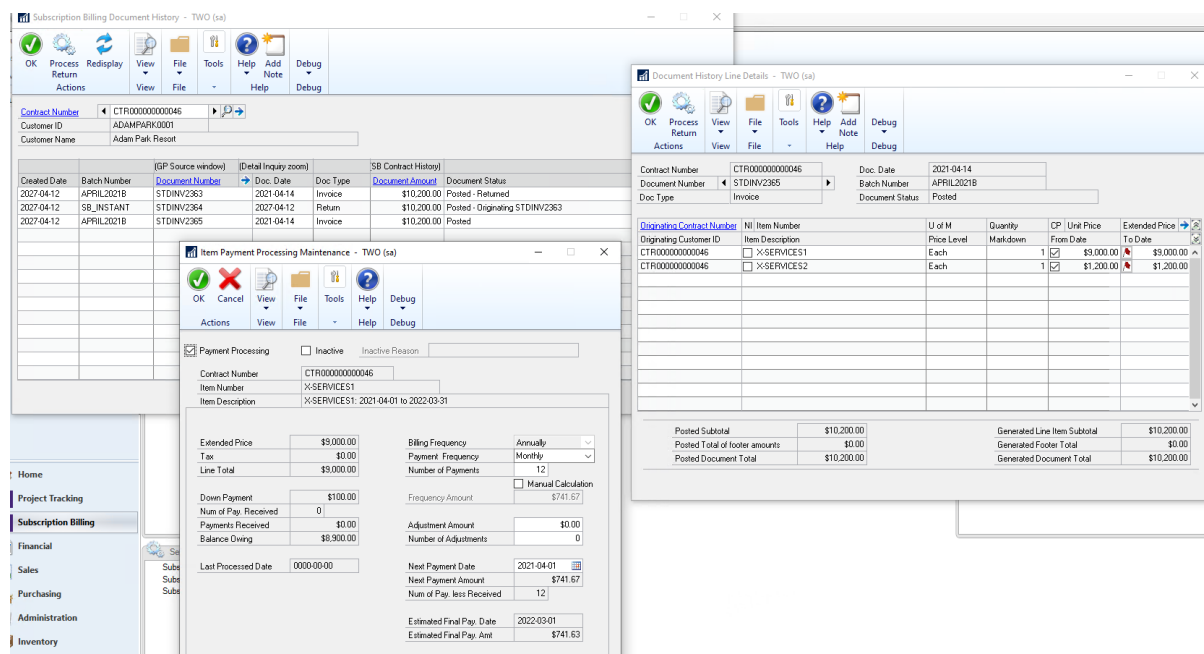
1. Inactive Checkbox – This allows you to turn off payment processing for this line once checked the Inactive Reason field will be enabled allowing you to enter a reason you

wish to inactivate the payment plane. One example would be if the Invoice was returned.

2. **Payment Frequency** – This will determine the frequency the payments will be generated for.
3. **Number of Payments** – this will determine how many payments you wish to generate for this item.
4. **Manual Calculation** – similar to Contract entry if you wish to override the calculated frequency amount you would check this option which enables the frequency amount field so you can set the amount for each payment. Note that the final payment being generated will use the estimated final pay amount.
5. **Adjustment Amount** – this is used in case you need to make a short term adjustment for the next payment.
6. **Number of Adjustments** this is used to specify how many times this adjustment will be applied. It will reduce after each payment processed.
7. **Next Payment Date.** – This is used to determine the document date for the next payment being generated. It will advance based on the payment frequency after each payment is generated.

The following fields are informational only for the window.

1. **Next Payment amount** – This is the frequency amount plus any adjustment amount.
2. **Num of pay less Received.** This will be the number of payments remaining.
3. **Estimated Final Pay Date.** This is the date for the final payment.
4. **Estimated Final Pay Amount.** This is the estimated final payment amount based on the number of payments remaining and the amount remaining.



The screenshot displays the 'Subscription Billing Document History - TWO (sa)' window. It features a menu bar with options like OK, Process, Return, View, File, Tools, Help, Add Note, and Debug. Below the menu, there are fields for Contract Number (CTR0000000000046), Customer ID (ADAMPARK0001), and Customer Name (Adam Park Resort). The main area is divided into several tabs: (GP Source window), (Detail Inquiry zoom), (SB Contract History), and (Item Payment Processing Maintenance - TWO (sa)). The (SB Contract History) tab is active, showing a table with columns for Created Date, Batch Number, Document Number, Doc. Date, Doc. Type, Document Amount, and Document Status. The table contains three rows of data. The (Item Payment Processing Maintenance - TWO (sa)) tab is also visible, showing fields for Contract Number, Item Number, Item Description, Billing Frequency, Payment Frequency, Number of Payments, Frequency Amount, Adjustment Amount, Number of Adjustments, Next Payment Date, Next Payment Amount, Num of Pay less Received, Estimated Final Pay Date, and Estimated Final Pay Amt. The (Detail Inquiry zoom) tab shows a table with columns for Originating Contract Number, Item Number, U of M, Quantity, CP, Unit Price, and Extended Price. The table contains two rows of data. The (GP Source window) tab shows a table with columns for Posted Subtotal, Posted Total of footer amounts, and Posted Document Total. The table contains three rows of data.

Subscription Billing Cash Receipt Generator

This is the generator you will need to run to generate the payments for each payment period.

It is accessible from the Transactions pane of the Subscription Billing menu.

The required fields are Batch id and payments due on or before date.

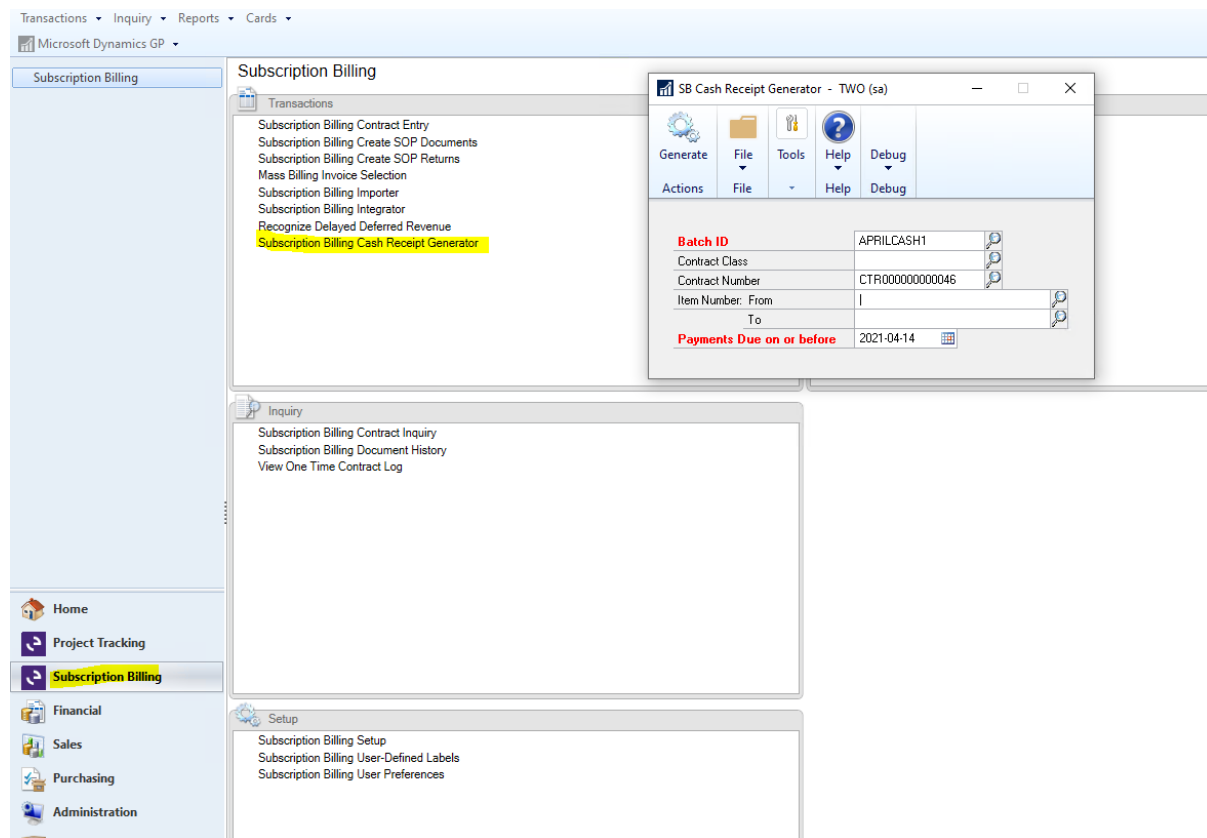
The payments due on or before date field is basically the next payment date you wish to create for. The generator will then generate the payments for all sop line items that have a payment plan setup with a payment remaining and a next payment date of this date or prior.

You can use optional filters for Contract Class and Contract Number as well as Item Number range filter.

Once the values are set press the Generate button to create the payment(s)

This will generate a single EFT payment for each customer ID and apply it accordingly to the SOP invoices.

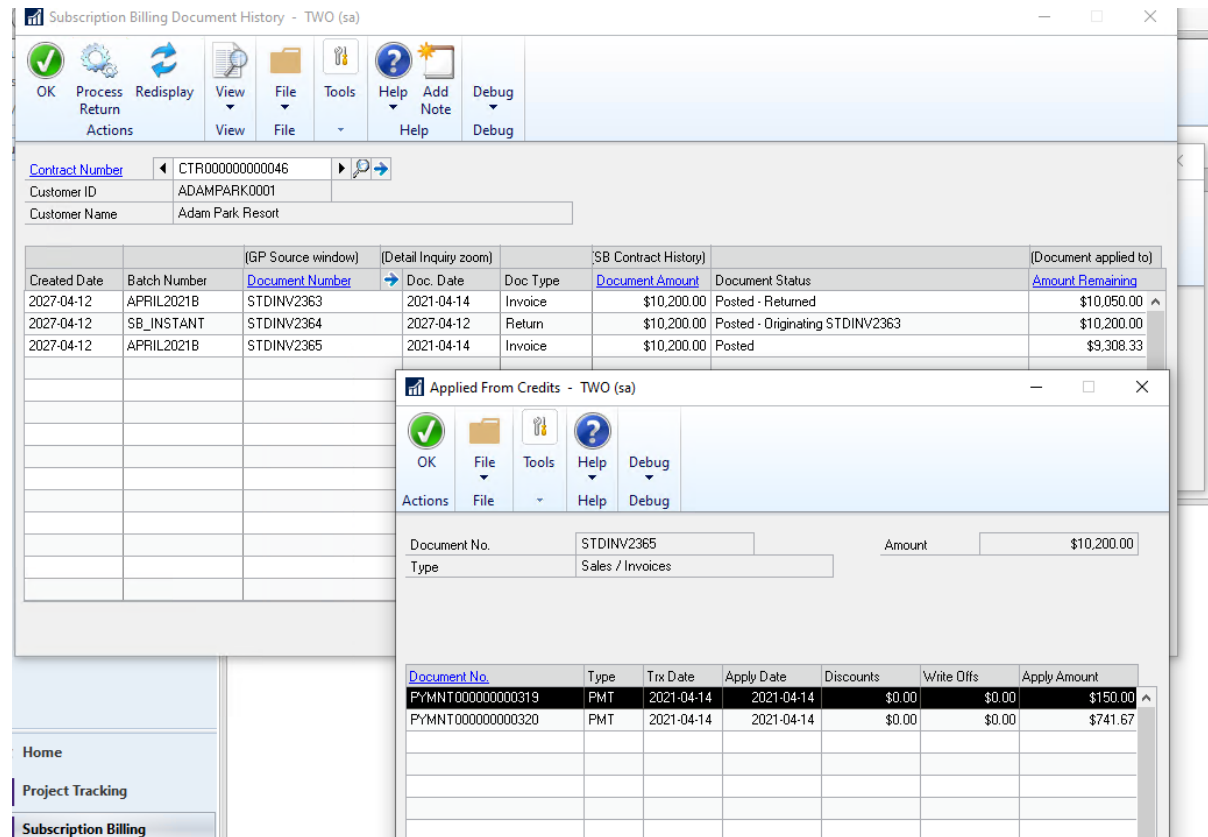
You will receive a report indicating what was generated and applied to based on the item number that had a payment plan.



Cash Receipts Generator

Receipt No	Amount	Applied To Doc	Item Number Customer ID	Item Description Customer Name	Currency ID
PYMNT000000000320	\$741.67	STDINV2365	X-SERVICES1 ADAMPARK0001	X-SERVICES1: 2021-04-01 to 2022-03-31 Adam Park Resort	Z-US\$

You can see the applied payments from the Amount remaining link on the Subscription Billing Document History window



Subscription Billing Document History - TWO (sa)

Contract Number: CTR000000000046
Customer ID: ADAMPARK0001
Customer Name: Adam Park Resort

Created Date	Batch Number	Document Number	Doc. Date	Doc Type	Document Amount	Document Status	Amount Remaining
2027-04-12	APRIL2021B	STDINV2363	2021-04-14	Invoice	\$10,200.00	Posted - Returned	\$10,050.00
2027-04-12	SB_INSTANT	STDINV2364	2027-04-12	Return	\$10,200.00	Posted - Originating STDINV2363	\$10,200.00
2027-04-12	APRIL2021B	STDINV2365	2021-04-14	Invoice	\$10,200.00	Posted	\$9,308.33

Applied From Credits - TWO (sa)

Document No.: STDINV2365
Type: Sales / Invoices
Amount: \$10,200.00

Document No.	Type	Trx Date	Apply Date	Discounts	Write Offs	Apply Amount
PYMNT000000000319	PMT	2021-04-14	2021-04-14	\$0.00	\$0.00	\$150.00
PYMNT000000000320	PMT	2021-04-14	2021-04-14	\$0.00	\$0.00	\$741.67

Subscription Billing Importer Updates

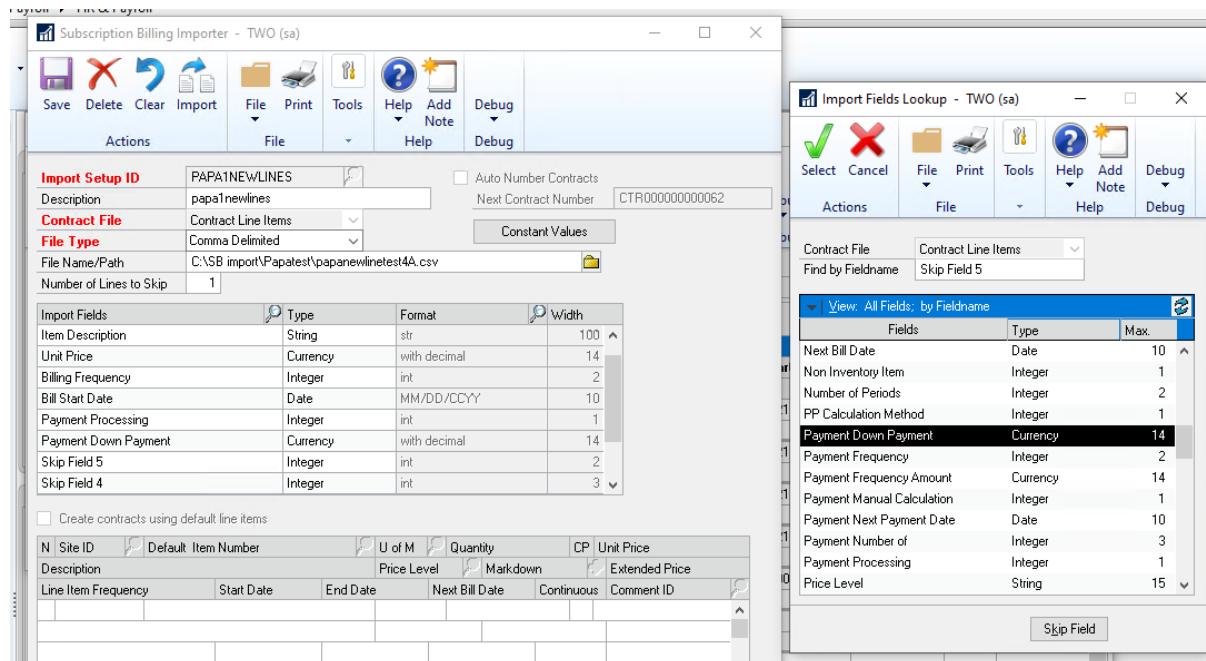
For the importer we have updated the fields available for New Contract Line and Update Contract Line item import options as well created a new Import Option to update the SOP document history for existing SOP documents to setup and modify the payment plans being processed.

Contract Line Items and Update Contract Line Import.

For these two Import options the additional fields have been added to be able to set the Contract line-item payment processing setup. These fields are detailed below.

Field	Type	Details
Payment Processing	Integer	<p>This is the enable Payment Processing CB field. It would be a required field if you wish to setup payment processing for the line item.</p> <p>0 = unchecked 1 = Checked</p>
Payment Frequency	Integer	<p>This is an optional field. If not included with the Import, then the frequency will default to Monthly for any line item. This field will determine the frequency the payments will be processed for the line item.</p> <p>1 = daily 2 = Weekly 3 = Biweekly 4 = Monthly 5 = BiMonthly 6 = Quarterly 7 = Semiannually 8 = Annually 9 = One-Time</p>
Payment Manual Calculation	Integer	<p>This field is optional and only required if you wish override the calculated frequency Amount.</p> <p>0 = Unchecked 1 = Checked</p>
Payment Frequency Amount	Currency	<p>This is optional field and not required. By Default, this will be calculated for the user based on the Ext price for the line + Calculated Tax amount which is estimated base don the tax set for the line item. It also takes into consideration the Payment Frequency and number of payments.</p> <p>Should this field be mapped as part of the import then the Payment Manual Calculation is a required field</p>
Payment Next-Payment Date	Date	<p>This field is optional as will be the Start Payment Date for the line item. By default, the Next Payment Date will default to be the same value as the Next Bill date for the line item.</p>

		Should this field be mapped the date format set on the mapped line MUST be the same date format in the file.
Payment Number Of	Integer	This is an optional field. By default, the Number of payments will be calculated based on the Payment Frequency set for the line item and the Billing Period duration for the line item. For Example, if the Line item is an Annual Frequency for Billing but the Payment Frequency is Monthly then this will default to 12.
Payment Down Payment	Currency	This field is optional. It is to allow the user to import a specified Down payment amount for the line item which will be the payment made directly on the SOP transaction during the Create SOP documents process. For example, should the line item be for an extended price for \$1300.00 with a billing frequency of Annual and the payment plan is setup for monthly you can specify an initial down payment of \$100.00 which will be the payment created directly on the SOP invoice when the SOP document is created. This leaves \$1200.00 which will be created each payment period which if the payment frequency is monthly will be each month.



Update Line Payment Process Import

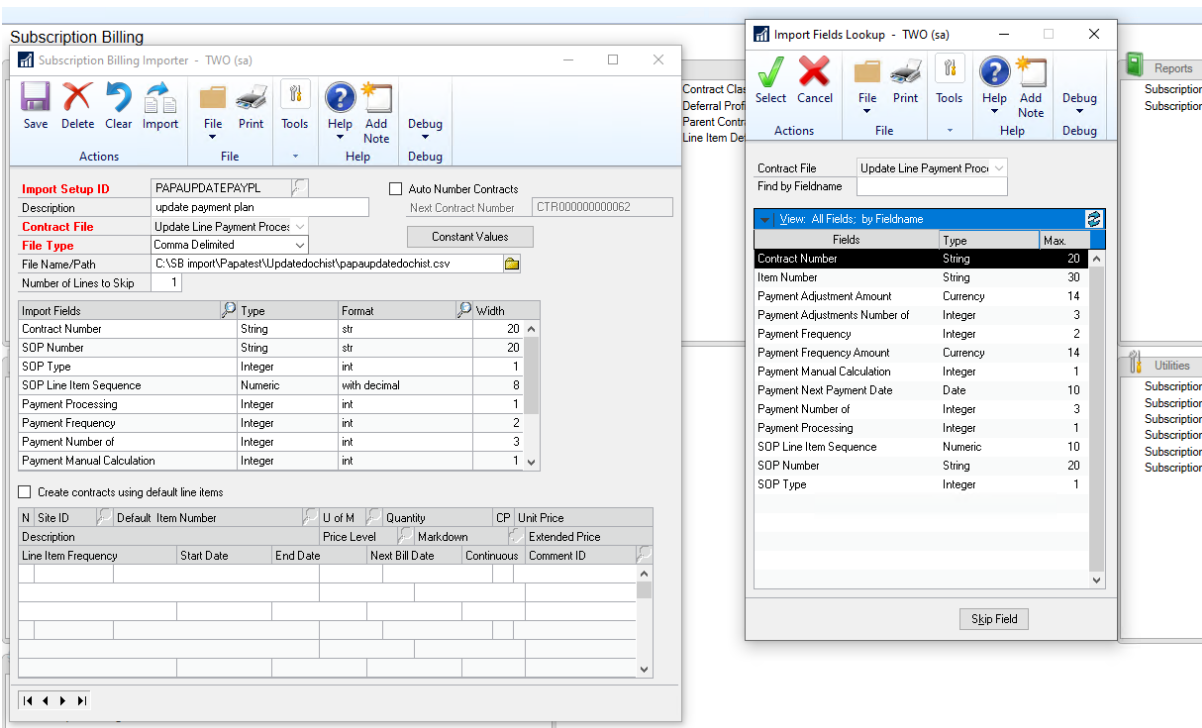
This is the new Import option which will allow you to update your existing SOP transaction payment plans.

This will be a new Contract File Type called Update Line Payment Process in the Subscription Billing Importer. These fields that are available are listed below. For this import you will need to know the SOP line-item Sequence. As such its recommended to create a new Smartlist object using the newly created view SB_LinePaymentProcessingActive

Field	Type	Details
Contract Number	String	This is the Contract Number associated to the sop document. This is an optional field for the import.
SOP Number	String	Required Field for the import. This will associate the exact SOP document you require to create the payment plan for.
SOP Type	Integer	This is a required field and should only contain Invoice Type
SOP Line Item Sequence	Numeric	This is a required field so you can associate the payment plan with the exact SOP line-item number.
Payment Processing	Integer	This is the enable Payment Processing CB field. It would be a required field if you wish to setup payment processing for the line item.

		0 = unchecked 1 = Checked
Payment Frequency	Integer	<p>This is an optional field. If not included with the Import, then the frequency will default to Monthly for any line item. This field will determine the frequency the payments will be processed for the line item.</p> 1 = daily 2 = Weekly 3 = Biweekly 4 = Monthly 5 = BiMonthly 6 = Quarterly 7 = Semiannually 8 = Annually 9 = One-Time
Payment Manual Calculation	Integer	<p>This field is optional and only required if you wish override the calculated frequency Amount.</p> 0 = Unchecked 1 = Checked
Payment Frequency Amount	Currency	<p>This is optional field and not required. By Default, this will be calculated for the user based on the Ext price for the line + Calculated Tax amount which is estimated based on the tax set for the SOP line item. It also takes into consideration the Payment Frequency and number of payments.</p> <p>Should this field be mapped as part of the import then the Payment Manual Calculation is a required field</p>
Payment Next-Payment Date	Date	<p>This field is optional as will be the Start Payment Date for the line item. By default, the Next Payment Date will default to be the same value as the Next Bill date for the line item.</p> <p>Should this field be mapped the date format set on the mapped line MUST be the same date format in the file.</p>

Payment Number Of	Integer	This is an optional field. By default, the Number of payments will be calculated based on the Payment Frequency set for the line item and the Billing Period duration for the line item. For Example, if the Line item is an Annual Frequency for Billing but the Payment Frequency is Monthly then this will default to 12.
Payment Down Payment	Currency	This field is optional. It is to allow the user to import a specified Down payment amount for the line item which will be the payment made directly on the SOP transaction during the Create SOP documents process. For example, should the line item be for an extended price for \$1300.00 with a billing frequency of Annual and the payment plan is setup for monthly you can specify an initial down payment of \$100.00 which will be the payment created directly on the SOP invoice when the SOP document is created. This leaves \$1200.00 which will be created each payment period which if the payment frequency is monthly will be each month.



The image shows two overlapping windows from the Subscription Billing software. The main window is the 'Subscription Billing Importer - TWO (sa)' which has a menu bar (File, Tools, Help, Add Note, Debug) and a toolbar. It contains an 'Import Setup ID' field with the value 'PAPAUPDATEPAYPL', a 'Description' field with 'update payment plan', and a 'Contract File' field with 'C:\SB import\papatest\Updatedochist\papaupdatedochist.csv'. Below this is a table of 'Import Fields' with columns for Name, Type, Format, and Width. The table lists fields like Contract Number, SOP Number, SOP Type, SOP Line Item Sequence, Payment Processing, Payment Frequency, Payment Number of, and Payment Manual Calculation. At the bottom, there is a table for 'Line Item Frequency' with columns for Site ID, Default, Item Number, U of M, Quantity, CP, Unit Price, Price Level, Markdown, Extended Price, Line Item Frequency, Start Date, End Date, Next Bill Date, Continuous, and Comment ID.

The second window is the 'Import Fields Lookup - TWO (sa)' which displays a list of fields and their types. The list is as follows:

Fields	Type	Max.
Contract Number	String	20
Item Number	String	30
Payment Adjustment Amount	Currency	14
Payment Adjustments Number of	Integer	3
Payment Frequency	Integer	2
Payment Frequency Amount	Currency	14
Payment Manual Calculation	Integer	1
Payment Next Payment Date	Date	10
Payment Number of	Integer	3
Payment Processing	Integer	1
SOP Line Item Sequence	Numeric	10
SOP Number	String	20
SOP Type	Integer	1

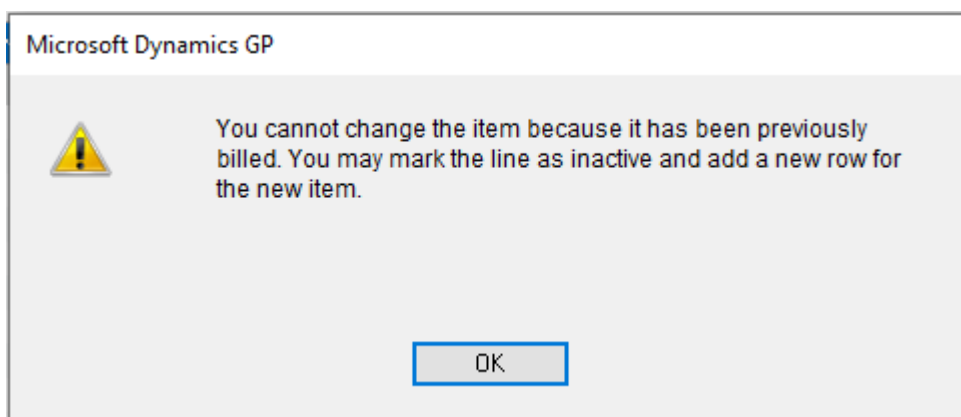
Reporting Views

A new view is created per company Db called SB_LinePaymentProcessingActive, which can be used to create a new Smartlist object. This view details the line-item document history and would contain the SOP Line-Item Sequence Number that can be used as part of the Update Line Payment Process import.

Subscription Billing Contract Entry Updates

1. Improved Validation for invoiced Line items.

Validation updated preventing users from changing the line item on a contract when it has been picked up for SOP document creation. This validation would prevent users from changing the item card being used after invoicing occurs.



Subscription Billing Copy Contract Updates

1. Resolved issues with Contract Note being copied incorrectly.

Issue observed should Contract contain a Contract Note on the header and that contract is copied to another contract it will copy the note index used on that contract to the Target Contract. Which in effect all the contracts the source was copied to are now linked to the same note index. To resolve this issue contract notes will not be copied to the target Contract.

Subscription Billing SOP Document Creation Updates

1. Updated EFT Active Validation during SOP document Creation.

EFT validation added during SOP document Creation and Payment Document Creation to occur should customer card no longer be set for EFT and payment processing on the Contract / SOP document be setup. This validation added to account for scenarios where EFT has been removed from the customer card after the payment plan was setup.

2. Resolved issues with Sales_PP_Offset_Sequence and MARK_PP_Offset_Sequence being set incorrectly.

This issue was observed when using Deferral Profile Groups on a contract which resulted in the incorrect Seq numbers being set for the line items in Subscription Billing Document History. This resulted in Errors being observed in the SB – Deferral SmartList object showing incorrect values. This issue is now resolved for future invoicing.

3. Fixed Rounding issues for SOP distributions on SOP document generated.

Problem observed should SB Contract Line item have a fraction of penny rounding occur on the line item that we are failing to pass the incorrect rounding to the SOP invoice generated. This resulted in distribution errors when saving and posting of the document. This issue is now resolved.

4. New Validation for Site ID for line item.

Validation added preventing the SOP document from being generated for inventory line items should the line item not be assigned the Site ID set on the line item.

Subscription Billing Importer Updates

1. Resolved issues with rounding occurring during line-item import.

Issue observed where line items being imported could cause a rounding issue to occur for the Extended price amount. This issue is now resolved.

Note that this fix is not pro-active and will not resolve any pre-existing data issues. Users will need to run SQL updates to resolve pre-existing data issues.

SQL for Fix

```
--Select Statement for contract line items
select
A.ME_Contract_Number,A.LNITMSEQ,A.ITEMNMBR,B.CURNCYID,A.QUANTITY,A.UNITPRCE,A.MRKDNAMT
,A.XTNDPRCE AS 'CURRENT XTNDPRCE',
round((A.QUANTITY * (A.UNITPRCE - A.MRKDNAMT)),
--2
(Select DECPLCUR -1 from DYNAMICS.dbo.MC40200 C WHERE C.CURNCYID = A.CURNCYID )
) AS 'CALC XTNDPRC',
A.OXTNDPRC AS 'CURRENT OXTNDPRC',
round((A.QUANTITY * (A.ORTNTPRC - A.ORMRKDAM)),
--2
(Select DECPLCUR -1 from DYNAMICS.dbo.MC40200 C WHERE C.CURNCYID = A.CURNCYID )
) AS 'CALC OXTNDPRC',
* FROM ME50403 A JOIN DYNAMICS.dbo.MC40200 B ON A.CURNCYID = B.CURNCYID
WHERE A.XTNDPRCE = A.OXTNDPRC
AND A.XTNDPRCE <> round((A.QUANTITY * (A.UNITPRCE - A.MRKDNAMT)),
--2
(Select DECPLCUR -1 from DYNAMICS.dbo.MC40200 C WHERE C.CURNCYID = A.CURNCYID )
)

--Update Statement for contract line items
UPDATE ME50403
SET XTNDPRCE = round((ME50403.QUANTITY * (ME50403.UNITPRCE - ME50403.MRKDNAMT)),
--2
(Select DECPLCUR -1 from DYNAMICS.dbo.MC40200 C WHERE C.CURNCYID = ME50403.CURNCYID )
),
OXTNDPRC = round((ME50403.QUANTITY * (ME50403.ORTNTPRC - ME50403.ORMRKDAM)),
```

```
--2
(Select DECPLCUR -1from DYNAMICS.dbo.MC40200 C WHERE C.CURNCYID = ME50403.CURNCYID )
)
WHERE XTNDPRCE = OXTNDPRC
AND ME50403.XTNDPRCE <> round((ME50403.QUANTITY * (ME50403.UNITPRCE -
ME50403.MRKDNAMT))),
--2
(Select DECPLCUR -1from DYNAMICS.dbo.MC40200 C WHERE C.CURNCYID = ME50403.CURNCYID )
)

--Select Statement for contract line items rollback table
select
A.ME_Contract_Number,A.LNITMSEQ,A.ITEMNMBR,B.CURNCYID,A.QUANTITY,A.UNITPRCE,A.MRKDNAMT
,A.XTNDPRCE AS 'CURRENT XTNDPRCE',
round((A.QUANTITY * (A.UNITPRCE - A.MRKDNAMT))),
--2
(Select DECPLCUR -1 from DYNAMICS.dbo.MC40200 C WHERE C.CURNCYID = A.CURNCYID )
) AS 'CALC XTNDPRC',
A.OXTNDPRC AS 'CURRENT OXTNDPRC',
round((A.QUANTITY * (A.UNITPRCE - A.MRKDNAMT))),
--2
(Select DECPLCUR -1 from DYNAMICS.dbo.MC40200 C WHERE C.CURNCYID = A.CURNCYID )
) AS 'CALC OXTNDPRC',
* FROM ME50438 A JOIN DYNAMICS.dbo.MC40200 B ON A.CURNCYID = B.CURNCYID
WHERE A.XTNDPRCE = A.OXTNDPRC
AND A.XTNDPRCE <> round((A.QUANTITY * (A.UNITPRCE - A.MRKDNAMT))),
--2
(Select DECPLCUR -1from DYNAMICS.dbo.MC40200 C WHERE C.CURNCYID = A.CURNCYID )
)

--Update Statement for contract line items rollback table
UPDATE ME50438
SET XTNDPRCE = round((ME50438.QUANTITY * (ME50438.UNITPRCE - ME50438.MRKDNAMT))),
--2
(Select DECPLCUR -1from DYNAMICS.dbo.MC40200 C WHERE C.CURNCYID = ME50438.CURNCYID )
),
OXTNDPRC = round((ME50438.QUANTITY * (ME50438.UNITPRCE - ME50438.MRKDNAMT))),
--2
(Select DECPLCUR -1from DYNAMICS.dbo.MC40200 C WHERE C.CURNCYID = ME50438.CURNCYID )
)
WHERE XTNDPRCE = OXTNDPRC
AND ME50438.XTNDPRCE <> round((ME50438.QUANTITY * (ME50438.UNITPRCE -
ME50438.MRKDNAMT))),
--2
(Select DECPLCUR -1from DYNAMICS.dbo.MC40200 C WHERE C.CURNCYID = ME50438.CURNCYID )
)

```

Subscription Billing SB_SOPDeferOPENV view Updates

1. Updates added to SOPDeerOpenV_view

The following changes updated to the Open View

- I. Filter out any Voided Invoices.
- II. Add a column if the Invoice has been returned.
- III. Do not join the deferral line table to the Contract History Line - BASED on description. The user may change the description before posting it. Joining on the sequence number.

Build 18.334 – Feb 19, 2021

Subscription Consolidated Contract Line Details Table Updates

1. Resolved issues with Sales_PP_Sequencer colum failing to have proper alue in ME50413C.

Issue introduced when SOP document creation updated to have separate distribution rows for each line item. This issue will only occur for Child line items when Consolidated line items was used. As a result of the incorrect Sequencer value being set in the Table the Subscription Billing Deferral Smartlist objects displayed the incorrect data for the deferrals. Note this issue did not affect Deferrals from being generated but only affected the reporting aspect on the Subscription Billing Deferral Smartlist object. This issue is now resolved for any future SOP document creation for consolidated line items. This update however does not fix pre-existing data. To resolve preexisting data would require that the proper Sales_PP_Sequencer value is set for the child line items in ME50413C which would be obtained from the Deferral entries created.

The following SQL can be used to assist in identifying potential Consolidated line items with the issue.

```
--LIST OF CONTRACTS LINES IN HISTORY for child lines for WHICH ARE MISSING A DEFERRAL
select ME_Contract_Number, DOCNUMBR, OrigLNITMSEQ, ITEMNMBR, XTNDPRCE, Sales_PP_Sequen
cer
    ,(SELECT MAX(PP_Sequencer)
      FROM [SB_SOPDeferOPENV]
     WHERE ME50413C.DOCNUMBR = [SB_SOPDeferOPENV].DOCNUMBR ) AS Propo
sed_Sales_PP_Sequencer
    ,(SELECT MAX(PP_Sequencer)
      FROM [SB_SOPDeferOPENV]
     WHERE ME50413C.DOCNUMBR = [SB_SOPDeferOPENV].DOCNUMBR AND -
NetApportionAmount = ME50413C.XTNDPRCE) AS Proposed_Sales_PP_Sequencer2
  ,ROW_NUMBER () OVER (PARTITION BY ME_Contract_Number, DOCNUMBR ORDER BY
ME_Contract_Number, DOCNUMBR) AS Row_Num
from ME50413C
where ItemClassGroupParent = 0
      AND EXISTS (
                                SELECT * FROM [SB_SOPDeferOPENV]
                               WHERE ITEMNMBR is null AND ME50413C.DOCNUMBR = [SB_S
OPDeferOPENV].DOCNUMBR
                                AND ME50413C.Sales_PP_Sequencer <> [SB_SOPDe
ferOPENV].PP_Sequencer )
```

Build 18.333 – Dec 30, 2020

Subscription Billing Entry Updates

- 1. Resolved issues with Price level failing to default from Customer Card.**
Issue observed should environment not have Multicurrency enabled if the Customer Card was set with a default price level then when adding a new line item to the contract it was failing to set the Price level defaulting based on the Customer Card Default. This issue is now resolved.

Subscription Billing SOP Document Creation Updates

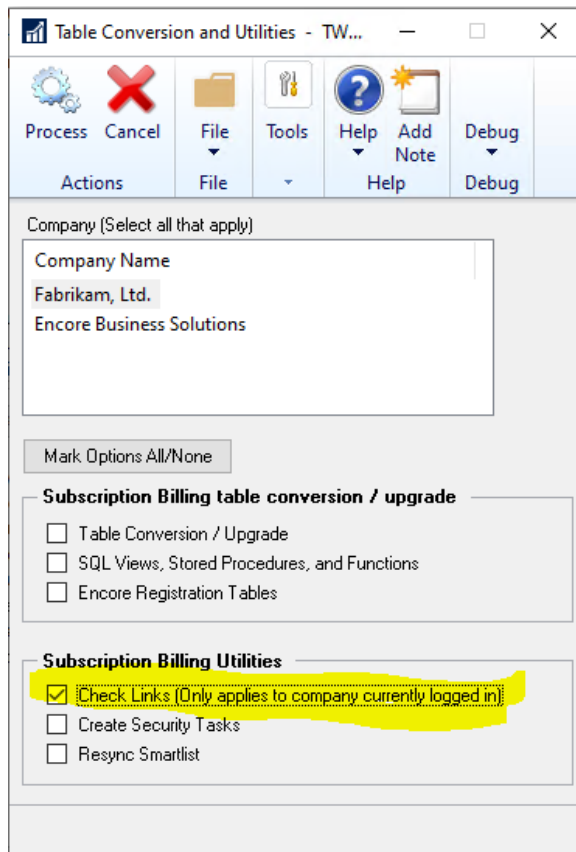
- 1. Fixed issues with Deferral Profile groups during SOP document creation.**
Issue observed during SOP document creation process should the contract contain a line item with a 0.00 Unit Price line item and set for Deferral profiles they would receive an error during SOP document creation indicating No Deferral or Deferral Profile has errors. This issue is now resolved.

Build 18.332 – Nov 20, 2020

Subscription Billing Importer Updates

- 1. Resolved issues with Subscription Billing Importer failing to set end dates on line items.**
Issue observed should user use Subscription Billing Importer to set the Times To Bill it would fail to set the End date on the line item. This caused the line item to fail to flip to Inactive during SOP Document creation process as there was no End date on the Line item. This issue is now resolved on New Line Import and update Line item import for any new Imports to Subscription Billing Contracts.

As part of this update a new update was added to Subscription Billing Checklinks to identify and resolve any pre-existing contract data issues. Should the Contract contain a Times to Bill value but not have an end date then when checklinks is run through the Table Conversion window it will identify the line items and properly set the correct end date based on the Times to Bill and times billed values.



For this update the Field labels were updated on the Subscription Billing Importer to match the field labels of the Contract Entry User Interface The labels have been updated as follows

Number of Payments is now labeled as Times To Bill

Number of Times Billed is Times Billed.

Subscription Billing Document History updates

1. Update Subscription Billing SmartList Objects GOTO label.

GOTO Label updated on the following Smartlist objects to display as Contract Inquiry instead of Contract Entry

2. Resolves issues with user able to access Subscription Billing Contract Entry from Smartlist Objects

Issue observed should user security access be limited to not have access to Subscription Billing Contract Entry but have access to the Subscription Billing Smartlist objects they were able to zoom into Subscription Billing Contract Entry on a contract by selecting the GOTO link from the Smartlist object to open Subscription Billing Document History window and then select the zoom into link from Document history to open the Contract in Contract Entry.

With this update the Contract Number link in Document History was updated to open Subscription Billing Contract Inquiry window. A new zoom into arrow added beside the Contract Number magnifier to open Subscription Billing Contract Entry. New

validation will occur when selecting the Contract Entry zoom into should user not have security access to entry window.

Recognize Delayed/Deferred Revenue

Subscription Billing Document History - TWO (sa)

OK
 Process Return
 Redisplay
 View
 File
 Tools
 Help
 Add Note
 Debug

Contract Number: AARONFIT0001-008

Customer ID: AARONFIT0001

Customer Name: Aaron Fitz Electrical

Created Date	Batch Number	Document Number	Doc. Date	Doc 1
2020-10-29	SB INSTANT	STDINV2229	2020-10-29	Invoice

Subscription Billing Setup Updates

- Update to Line-Item Consolidation for distributions based on each line.**
For this build release should Line-item Consolidation be turned on then distributions will be based on each contract line. This option is now hard locked as selected and cannot be changed in Subscription Billing Setup.

Subscription Billing Setup - TWO (sa)

Save Cancel File Tools Help Open Note Add Note Debug

Actions File File Help Open Note Help Debug

Contract Billing

☒ **Next Contract Number** CTR000000000009

☐ Customer ID + Suffix numbering. Suffix number format: -001

Contract Lookup Filter ☒ Active Only ☐ All

☒ Existing contracts - Auto filter by Customer ID

☒ Enable Rollback (See User Manual for warnings)

☐ Allow Multiple Invoicing (Rollback available only on last invoice)

Rollback Defaulting Options: ☐ Always Rollback ☒ Ask Each Time

☒ Enable Line Consolidation for Services and non-inventory items on SOP doc.

When adding new Contracts / Lines

☒ Default Enable Line Consolidation

☒ Default Consolidate Line Group with the Item Class on the Item card

Set Qty To: ☐ Sum of Lines ☐ Parent's Qty ☒ Default to 1

☒ Consolidated distributions based on each contract line

Synchronize changes to

Customer Card

Item Card:

SB Line Item Defaults

☐ Enable End of Cont

☒ Ask Each Time

Line Item Preferences

☒ Hide Inactive Line

Keep Service Date in:

☐ Never

☒ Enable Multiple Contra

Clear Activity

Build 18.331 – Oct 29, 2020

Subscription Billing Proration Updates

1. Resolved Proration calculation issues for SOP distributions

Issue introduced in previous build release that should line item be flagged for Proration the SOP distribution row failed to have the re-calculated prorated distribution amount for the distribution row on the SOP transaction. This resulted in Distribution errors on the SOP transaction created. The issue is now resolved on this latest build release.

Subscription Billing Rollback updates

1. Resolved Rollback failure issue.

Issue observed that should a contract contain a negative Extended price line item that is in a consolidated line group and the SOP transaction balanced to \$0.00 document amount if the SOP document was Voided, returned, or deleted resulting in rollback to occur; then the negative extended price line item failed to rollback. This issue is now resolved.

Build 18.330 – Oct 19, 2020

Subscription Billing Initial Release

- 1. Subscription Billing implemented into GP18.2**

Code was rolled up from Subscription Billing [Build 18.224](#) of GP18.2

Additional Product Support Resources

Access the latest Product Builds: <http://www.encorebusiness.com/solutions/#microsoft-dynamics-add-ons>

Request registration keys: regkeys@encorebusiness.com

Visit our Subscription Billing product page [here](#) on our website to access:

- User Manuals, click on the Resources Option
- Product demos, click on the Resources Option

Product Support:

Email: Support@encorebusiness.com

Phone: 1.888.898.4330

Online submission form: <http://www.encorebusiness.com/support/encore-apps/>

Support Request Tip:

To assist in expediting the review of any issues please ensure that the following information is provided with a support request:

- What product is the support inquiry for?
- What Version of GP is used?
- What is the build number installed for the product?
- (this can be found by logging into GP as SA and going to Microsoft Dynamics GP > Tools > support > system > Encore product registration Once there locate the product from the list and the Build number would be listed on the right hand side under Version)