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Aptean SouthWare

CMSS
Enhancement List

2021 Recap
(as of November 2021)

More Value for Your Business

This document is sequenced by release date, so it provides a chronological recap of the changes released so far this year. These notes (and additional features released after the printing of this document) are also available via the CMSS Star report you can access online at any time by clicking on the red star in a SouthWare menu.

Also remember that with your CMSS subscription you get:

- ✓ **Internal Portals** – CMSS includes an internal-use-only NetLink license that gives you access to your SouthWare system via a web browser in or out of your office. Portals provide simple and easy-to-use web pages for entering and accessing SouthWare data. They provide a user experience that is "familiar" because it uses web technology. Portals and standard programs both maintain the same data files, so they can be used interchangeably.
- ✓ **TaskWise Internal Conversations (TWIC)** – Internal messaging and discussions allow you to easily and securely communicate with other SouthWare users in your company without relying on external texting, messaging, or e-mail services.
- ✓ **NetFlow** – As a current subscriber you are licensed to use NetFlow to tailor your web portals as needed while remaining compatible with future updates.
- ✓ **SouthWare Monitors** – Your CMSS subscription lets you use the SouthWare Monitors module and phone app that continually scrutinizes important indicators for your business. You may review and define these in a portal, and you can receive notifications on your phone if a critical indicator needs your attention.
- ✓ **Updates for Tax Calculation and Reporting** – Annual changes for Payroll W2 and A/P 1099-MISC (and now 1099-NEC) reporting are available to current subscribers.
- ✓ **PCI-Compliant Credit Card Processing** – As a subscriber you have access to the latest credit card features added to SouthWare to ensure PCI-compliance and to add new capabilities. Recent examples include EMV chip readers, tokenization, and secure storing of credit card numbers for recurring use.

A Look Ahead

This document also contains an "Upcoming Features" section that gives you a look ahead at exciting new features that are planned for the next few months. Some of these will be released before the end of 2021, and some will be later. Make sure you watch for these benefits in coming updates from your SouthWare CMSS program.

Table of Contents

CMSS Enhancements
Released since 2020 Recap Report

Additional Validation and Prompt for Payroll Check Number

When entering the beginning check number for a payroll run, two new features have been added:

- If the starting Payroll check number entered is not greater than the last check number printed, a warning will display.
- The warning will give you the option to use the number you entered or to use the next consecutive number after the last check printed.

ID: PRCHKNUM
Released: 12/2020

Payroll Now Validates Proper Closing of Quarter

The SouthWare Payroll system now prevents you from processing Payroll checks in a new quarter if you have not closed the previous quarter. This helps ensure that you don't accidentally mix information from two different quarters.

In special support situations this restriction may be overridden with a support override number.

ID: PRQTREND
Released: 12/2020

Tax Certification Expire Date Added to Customer Record

A tax certification expiration date has been added to field 21 of the customer record that is accessible only if a TAX ID# is entered. You may use this field to identify any exemption certificates that have expired and need to be updated.

New Data Dictionary Field:
AR01 field 169

ID: TAXCERT
Released: 12/2020

New PR Tax Update Utility for Federal Tax Info

You may now use a payroll tax update utility to update federal tax information at the start of the new tax year. The program name is PRTAXIMP and can be run from the menu select prompt. This utility requires an input file prtaxupdates.csv found in the swrun folder and will update the following information:

- OASDI maximum wages
- OASDI employer, employee percentage
- Medicare Maximum wages
- Medicare employer, employee percentage, additional %
- Federal exemption, Dependent tax credit, other dependent tax credit
- Federal Unemployment percentage
- Federal Unemployment maximum
- Federal marital statuses - H(ead of household), H2 (head of household, 2020) M(arried, pre-2020), M2 (married, 2020), S(ingle, pre-2020), S2 (single, 2020). The program will add or update these federal tax tables. If your customer has different ID's for the marital status you can edit the csv file to change the marital status ID prior to running the program.

The input file (prtaxupdates.csv in the run directory) is mapped as follows:

Row	Column	Description
1	1	Process year (CCYY) **(This value must be in row 1 column 1)**
2	1	OASDI
2	2	OASDI maximum wages
3	1	OASDI%
3	2	OASDI employer percent
3	3	OASDI employee percent
4	1	MEDICARE
4	2	MEDICARE maximum wages
5	1	MEDICARE%
5	2	MEDICARE employer percent
5	3	MEDICARE employee percent
5	4	MEDICARE Additional %
6	1	FEDEX
6	2	Federal exemption
6	3	Dependent tax credit
6	4	Other dependent tax credit
7	1	FUTA%
7	2	Federal unemployment percent
8	1	FUTA
8	2	Federal unemployment maximum
9	1	H
9	2	Head of household standard deduction
9	3	Head of household level 1 wages
9	4	Head of household level 1 percent
9	5-18	Remaining wages/percentages
10	1	H2
11	1	M
12	1	M2
13	1	S
14	1	S2

NOTE: Row numbers can be in any order except row 1 which must be the process year.

ID: TAXIMP
Released: 12/2020

FlowPoint added to SVSODENT to Update Info in the Stock Record

A FlowPoint similar to the FlowPoint RSBILENT 8526IS has been added to SVSODENT. This FlowPoint occurs after the stock item is created from the vendor catalog file. This FlowPoint should be used to update the stock record/replace any information in the stock record.

Program ID: SVSODENT
FlowPoint ID: 8526IS
DD File: ZF27
DD Field: 159
Description: Create stock from Vendor Catalog
Has Fail/Continue: N
Primary File Name: IV01

ID: WFSVZF27
Released: 12/2020

2021 Federal Tax Table Updates

The 2021 Federal Tax Table updates file (swrun\prtaxupdates.csv) has been released.

The file reflects the Social Security increase and updated new tax tables for M, S, H, M2, S2, and H2.

ID: FEDTX21
Released: 01/2021

Option to Adjust Header Cost to Line Item Cost for Assembly Breakdown

An option has been added to the "Enter a Breakdown" function in Assemblies (IS01040102). In the previous version, if you entered a breakdown and the header cost did not match the line item cost, a message popped up indicating that it didn't balance and gave you options to exit out or F4 to go to the components to edit the lines.

The new option, F5-Calc'd Cost, will allow you to adjust the header cost to match what the line item cost is so that the breakdown can be written as balanced.

ID: BRKDOWN
Released: 01/2021

Added Arkansas State Tax Calculation

Special PR Tax Calculation for Arkansas State Tax calculations has been added. Set the standard deduction, personal exemption tax credit, and tax brackets in the state record setup in PR0707. The state code must be AR in PR0707. You must also have ar_state_tax_data.csv file in the swrun folder with the Max Net Income and the adjustments listed per tax bracket.

PR0707 - F4 to Maintain Tax Table: For AR there is an additional option, F3 Maintain Add'l Tax Data. Choose the F3 option, and it will bring up the contents of the ar_state_tax_data.csv so changes can be made to the adjustment levels each tax year. If the file does not exist it will create a new csv file with headers only so that you can key in the amounts.

If the file does not exist, the first screen in PR0707 will warn you and allow you to maintain the tax table and choose F3 to Maintain Add'l Tax Data. This will create the file with headers only. The user will be responsible for putting the correct amounts in row 2. **NOTE**: The csv file for 2021 is provided with this release.

Contents of the csv file: (Row 1 is Description and Row 2 is Amount)

Row	Column	Description
1-2	1	Max Net Income
1-2	2	Bracket1 Adjustment
1-2	3	Bracket2 Adjustment
1-2	4	Bracket3 Adjustment
1-2	5	Bracket4 Adjustment
1-2	6	Bracket5 Adjustment
1-2	7	Bracket6 Adjustment
1-2	8	Bracket7 Adjustment
1-2	9	Bracket8 Adjustment
1-2	10	Bracket9 Adjustment
1-2	11	Bracket10 Adjustment

1-2	12	Bracket11 Adjustment
1-2	13	Bracket12 Adjustment

ID: ARTAXCLC
Released: 01/2021

Allow Import of Purchase For Jobs to PO Workfile

The ability to import 'Purchase For' Job Numbers and Cost Codes into the PO workfile (IV33) has been added to ImportMate.

New Data Dictionary Fields:
IV33 fields 18 and 19

ID: IMPFJOBS
Released: 03/2021

New ImportMate Option to Exclude First Record during Import

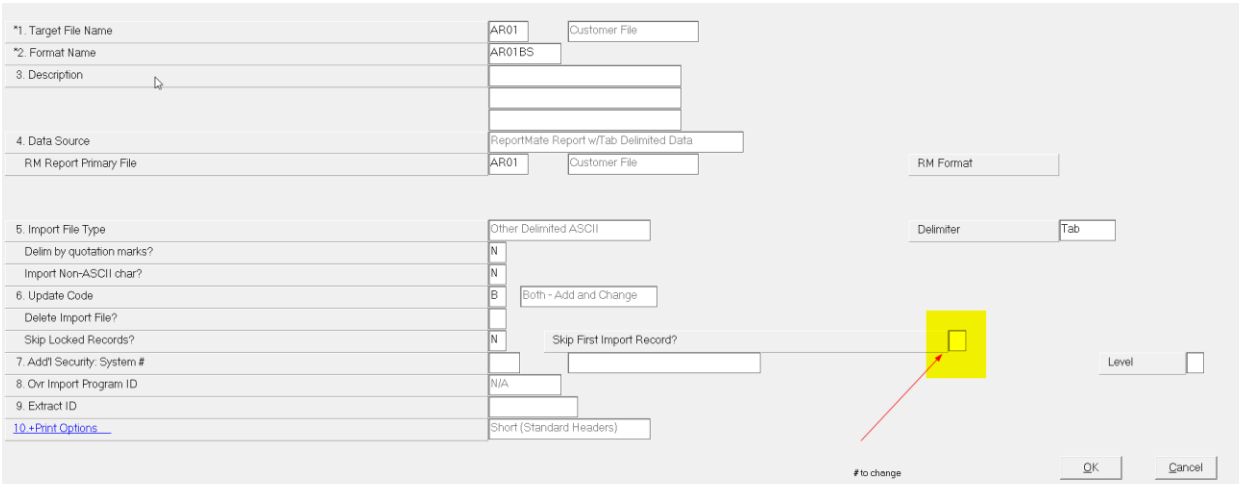
Because the first record of an import file is often a Header Record, an option has been added to the import format header to exclude the first record in the import file. Field 6 in Import Format Maintenance now includes the following option:

Skip First Import Record?:

Enter “Y” to have the import process skip the first record in the file. This will skip the header record that defines the fields in the subsequent records.

Notes:

- For non-header import formats for transaction type files such as sales order, this option will default to the transaction header option (ex. order line item format option will default to order header format option but you can change it).
- If changing an existing transaction format, you must change the skip flag on each format if needed (header, lines, tracking, payment)
- This does not apply if the Data Source is "Memory Data Packet" or "OLE DB Connection via SQL". It will set the flag to “N”.



ID: IMFRST
Released: 03/2021

FlowPoint added to RSVALSLS

A FlowPoint has been added to generate an error message when importing sales order lines and the line item unit price is equal to 0.

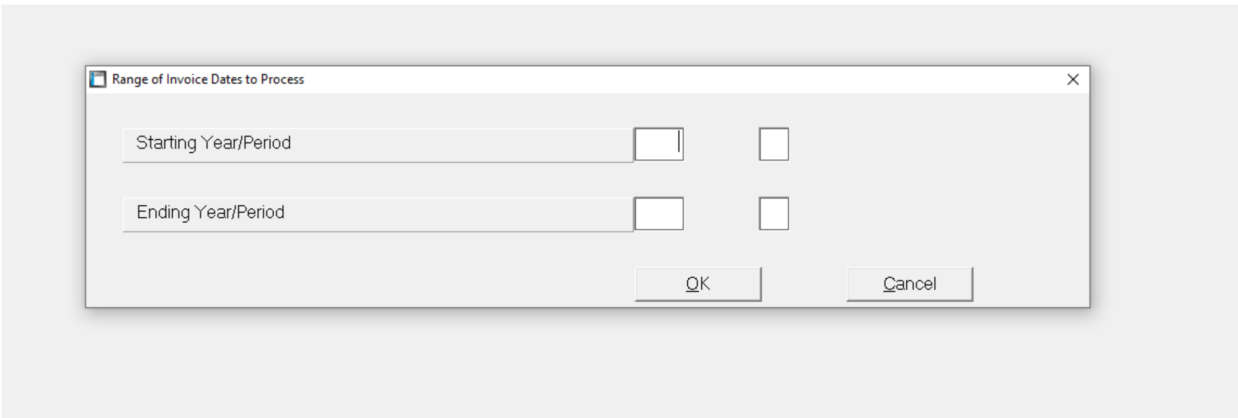
Program ID:	RSVALSLS
FlowPoint:	8708IV
DD File:	ZF20
DD Field:	34
Primary File:	RS08
Has Fail Logic:	Y
CMSS Date:	05/31/21

ID: WFZF2034
Released: 05/2021

New Option to Enter Invoice Date Range when Building XD Files from Invoice History

To help with Sales Analysis, an invoice date range has been added when building XD files from invoice history with the F5 option in XD control maintenance.

- When RSXDHBLD is called, you will be given the option to enter beginning and ending year/period values. If you "Enter" for ALL, the program will work as it did prior to the changes.
- If a range is entered, instead of deleting the file and recreating it, the appropriate records will be initialized.
- The confirmation message has been modified to show the beginning and ending dates to be processed.
- The history records will be read by invoice date, so only the necessary records are read.



ID: RSXDHBLD
Released: 05/2021

FlowPoint added to RSXLSUB

In IS060901 (Update Stock Order Controls) a FlowPoint (with fail logic) has been added that allows you to control the update of the stock excel history abnormal usage flag. When the quantity sold for the period is less than zero and the FlowMod is set to FAIL/END, the abnormal usage flag will be set to "N".

Program ID:	RSXLSUB
FlowPoint:	8701
DD File:	ZF05
DD Field:	262
Primary File:	IV18
Has Fail Logic:	Y
CMSS Date:	07/31/21

ID: WFRSXLSB
Released: 07/2021

Suppress Printing SSN on Payroll Checks (PR0106)

If the Payroll (PR) Control Record indicates to print the Social Security Number on the PR Check stub, only the last four digits of the Social Security Number will print (XXX-XX-####, where #### is the last four digits of the Social Security Number). This will work for Forms Adapter and regular Payroll check print.

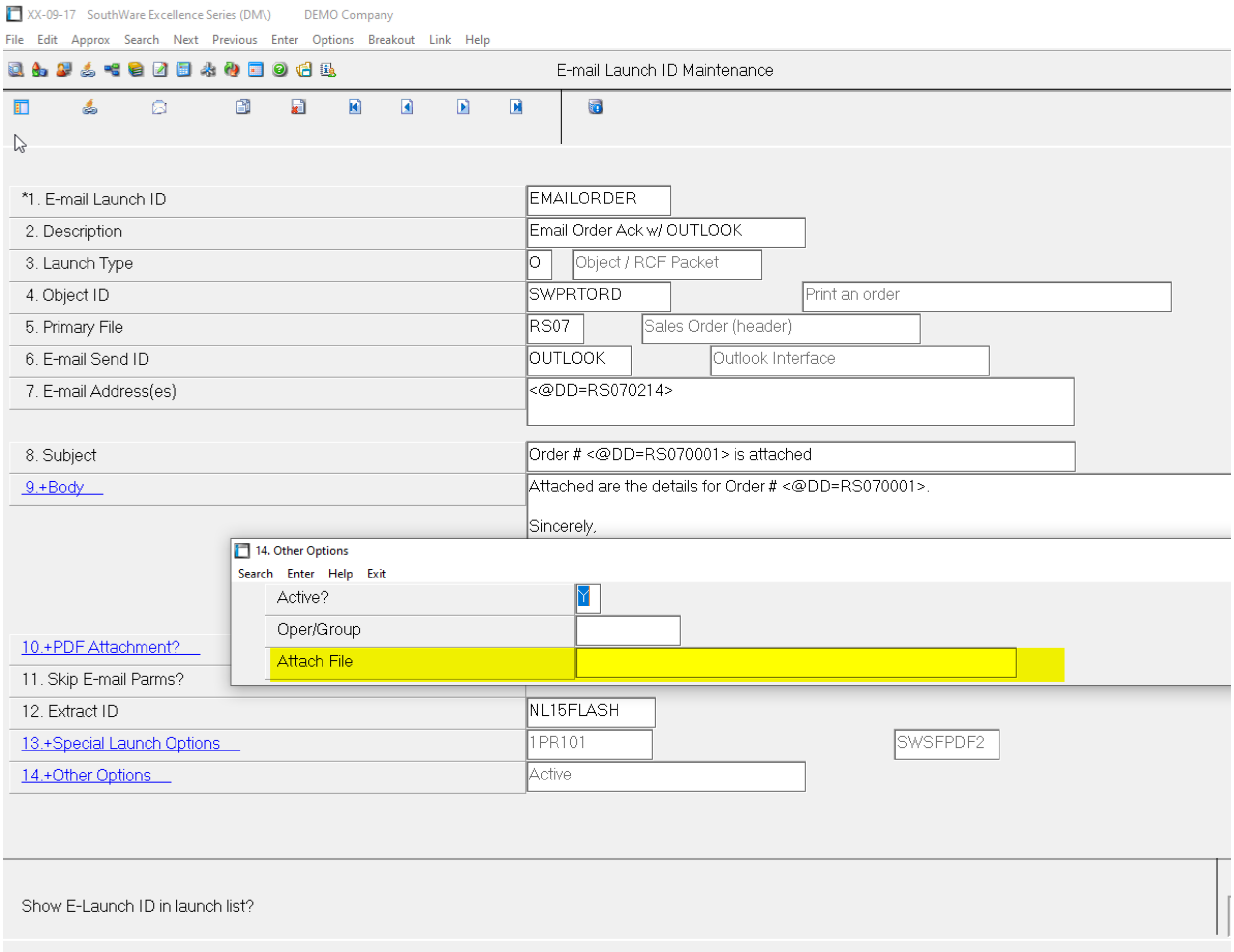
ID: PRNOSSN
Released: 07/2021

E-Launch/Forms Delivery - Can Now Add Attachment Files

You now have the ability to add attachment files to emails sent via e-Launch and Forms delivery. This allows you to attach forms, documents, terms, or other files to the e-mails generated by these processes.

<u>E-Launch Attachments</u>

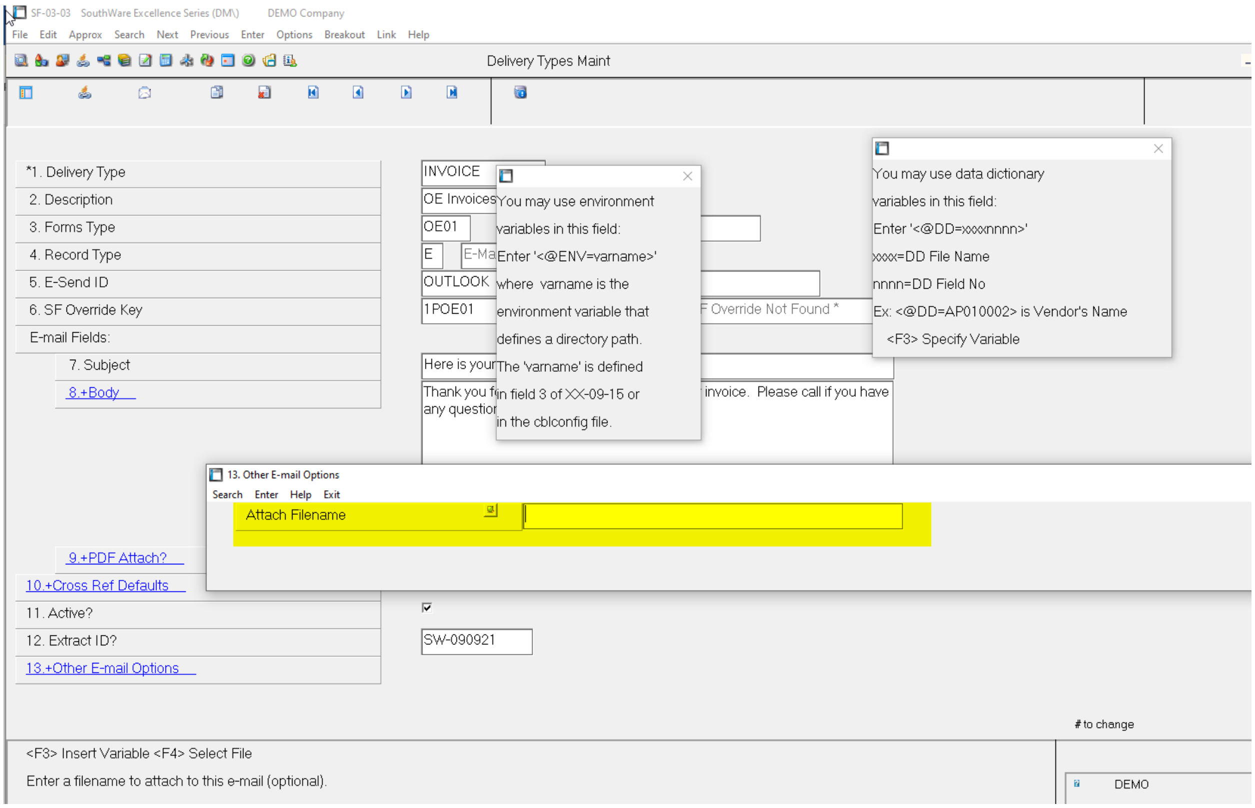
For E-Launch IDs (XX-09-17) you may define the attachment in field 14, Other Options. You may enter the path/filename, search for a filename, or enter variables that will be replaced at runtime.



Sample E-Launch ID Setup

E-Form Delivery Attachments

For E-Form Delivery IDs (SF-03-03) you may define the attachment in field 13, Other E-Mail Options. You may enter the path/filename, search for a filename, or enter variables that will be replaced at runtime.



Sample E-Forms Delivery Record (SF-03-03)

ID: EMLAFL
Released: 07/2021

FlowPoint added to S1WOMNT (IS01040102)

In Enter/Edit Assembly Work Orders (IS01040102) a FlowPoint has been added to insert an F5 keystroke at the point where you enter a breakdown and finish entering the work order and F6 to post before writing the record.

If the work order is out of balance a message pops up "WARNING: component costs do not match header costs." One of the options at the message is to F5, so this FlowPoint will allow automation of F5-Calc'd Cost.

Program ID:	S1WOMNT
FlowPoint:	8714
DD File:	ZF24

DD Field: 48
Primary File: IV27
Has Fail Logic: N
CMSS Date: 7/31/21

ID: WFZF2448
Released: 07/2021

New Program to Combine Stock/Location into Single Line Item or Text Field

A new program, RSLINDUP, has been added that can be called via WorkFlow or ReportMate. This program will combine/summarize stock/location if it's not tracked or serialized and the line item handling code is blank. The link order # is passed to the program to process all line items on the order.

A /T was also added to the program to combine multiple line item text into a single header text field (to store group #'s like ticket #'s). Any duplication #'s in the text fields will be dropped.

Example Use:
After importing an order - use FlowPoint 87IMW2 to combine stock #'s with the same location into a single line item (combine quantities). Use the /T switch to pull the line item text into a single header text field.

ID: RSLINDUP
Released: 07/2021

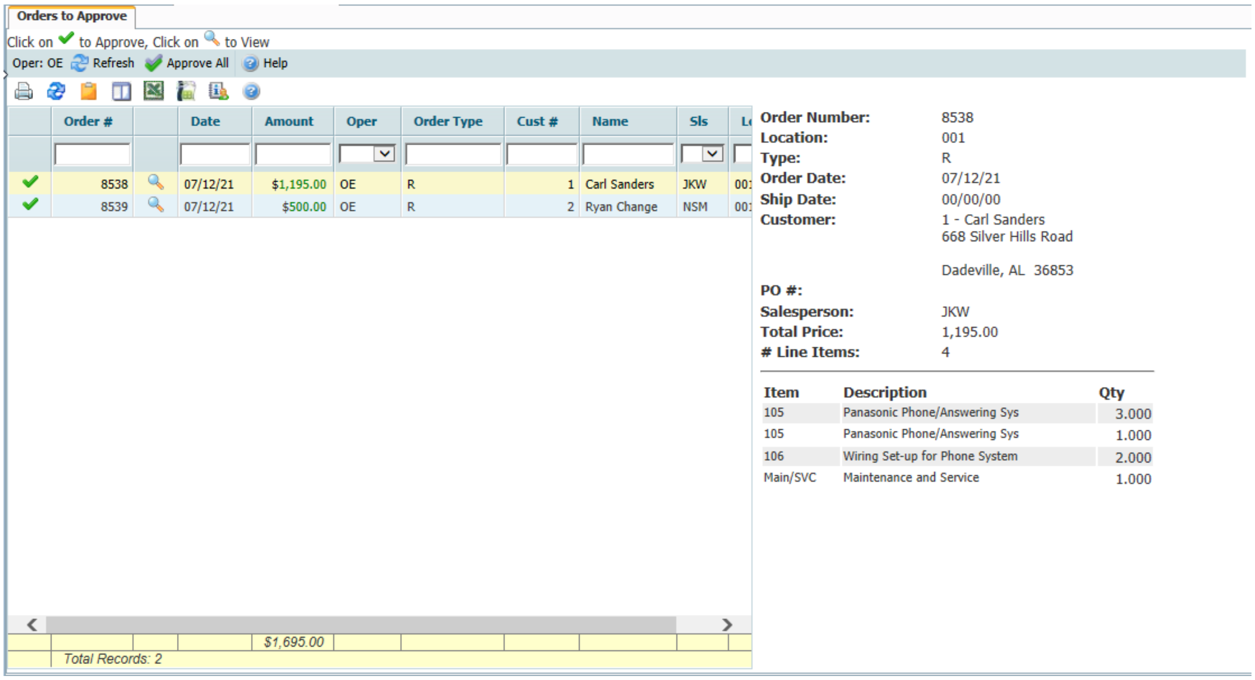
Order Approval Portal

This portal assists you with the order approval process. If you use the order approval feature (IS-08-02, field 24, "Require Order Approval") this portal provides an easy way to review and make order approval decisions.

- Displays a list of orders needing approval
- Allows you to view or zoom to information about an order

- Allows you to simply click on a checkbox to approve an order

You may access this portal from the QuickScreens menu option "IS – Order Approval".



The left portion of the portal displays a grid list of orders that need to be approved. The right portion displays more info about the order that is currently highlighted in the grid.

Functions available in the portal include:

✔ to Approve

You may click on the checkmark icon for an order in the grid to approve the order. When you select to approve an order the portal will call out to the order-entry program to ensure that the options required for order approval that would normally occur in IS010201 (such as generating a purchase order if needed) are done. This functions the same as pressing [F5] in the standard order entry program to approve an order.

to View

> You may click on the magnifying glass icon for an order in the grid to view more details about the order. This will display a web page showing more info for the order including the option to Access Order Entry to view the order in the standard order entry program.

After you approve an order the list will be refreshed.

Technical Notes:

New NL Request ID: QSOEAPPRVLST

New nlhtml template: qsoeapprvlst.htm

New ReportMate Report: QSORDAPV

New RM RMP Record: QSORDAPV

New Data Dictionary Field RS07 field# 389 - Need PO?

RSBILENT: Switches APV have been added to pass the order number and approve the order. This will work the same as pressing an F5 in order entry to approve the order. You can call RSBILENT/A/V/P from anywhere in SouthWare by executing an object. Call RSBILENT/A/P/V [<order number><trx operator>]

ID: ORDAPV
Released: 07/2021

Line Item Grid Layouts

You have the option to override the standard grid layouts for line items in selected entry programs if you want to show different columns for the line items. This feature is available for the following entry programs:

- Sales orders (and Point of Sale transactions)
- Service orders
- Purchase orders

- Receivings transactions

Background – Line Item Grids

In SouthWare entry programs that have line items there is a standard grid display of entered line items. For each line item this grid display shows a single line with columns that contain important data from the line item.

In some situations you may want to change the data displayed for a line item in a specific entry program. This could be because you want to include some Extended Data fields, some user fields, or you just want to show some standard data not available in the normal grid display.

The following documentation explains how you may create a custom layout (set of columns) for a line item grid display in selected entry programs, and then activate that custom layout as an override.

Creating an Override Line Item Grid Layout

This feature utilizes ReportMate as a simple way for you to define the columns of data you want to display for a particular type of line item. This is similar to defining a list format for a search display if you are familiar with that concept.

Here are the steps to create the override layout:

1. Create a new ReportMate format.
   a. To do this via FYI (RM-06) or RM-02:
      i. When you name the format, there are predefined format names that will automatically be used as Override Line Item Grid Layouts. See the section "Reserved ReportMate Format Name" below.
      ii. The corresponding line item file (such as RS08 for sales orders) should be the primary file for the format. See "Available files per entry program" below.
      iii. The Type of Output should be defined as List Format in order for the format to show up in a list format search for the transaction operator.
   b. To do this via the override field in the transaction operator:
      i. Access the Grid Format Override field and choose to add a format. You may then type a name and it will bring you directly into the field selection wizard to create the list format.

2. Choose the fields you want to show in the grid. Each field you select will be shown as a column in the grid. You should always include the important fields such as line number and stock number.
3. DO NOT use selection criteria or ranges for the ReportMate format. The entry line item grids should show all line items.

For example, if you want to include two Extended Data fields (Promo and Spec Handle) in the line item grid for sales orders you might choose the following fields for your format:

- Line #
- Type
- Item ID
- Description
- Promo? (Extended Data field 1)
- Quantity
- U/M
- Spec Handle? (Extended Data field 2)
- Unit Price
- Extended Price

Available files per entry program

Here are the files you may use in defining an override ReportMate format:

- Order entry/POS – RS08, RS07, IV01, XD05 and related XD files, XT04 and related XT files
- PO entry – IV06, IV05, IV01, XD05 and related XD files, XT02 and related XT files
- Service order entry – SV06, SV04, IV01, XD05 and related XD files, XT06 and related XT files
- Receivings entry – IV22, IV34, IV02, XD05 and related XD files, XT20 and related XT files. The List format in receivings entry does NOT apply to grid in review mode.

Note that only Flex XD records that do not use the date/time key are included in the available files list.

Special Data Situations

- In Receivings entry, if the operator is not permitted to see receiving cost, the grid value will be replaced with 'N/A'.
- In POS/Order entry, if the operator is not permitted to see line item cost, the grid value will be replaced with ******.
- In PO entry, if the expected date is zero the grid value will be replaced with 'ASAP'.

Methods of Activating an Override Line Item Grid Layout

There are three different methods you may use to specify that you want to use an override layout for the line item grid in an entry program.

Reserved ReportMate Format Name

If you want to override the grid layout for all operators you may easily do that by creating an override ReportMate format with a specific name. The following format names will automatically be used as overrides for the following programs if they are not overridden by a transaction operator or WorkFlow override:

Program	Format Name
Sales Orders	ZZLINEOE
Purchase Orders	ZZLINEPO
Service Orders	ZZLINESV
Receivings	ZZLINERC
Point of sale	ZZLINEPS

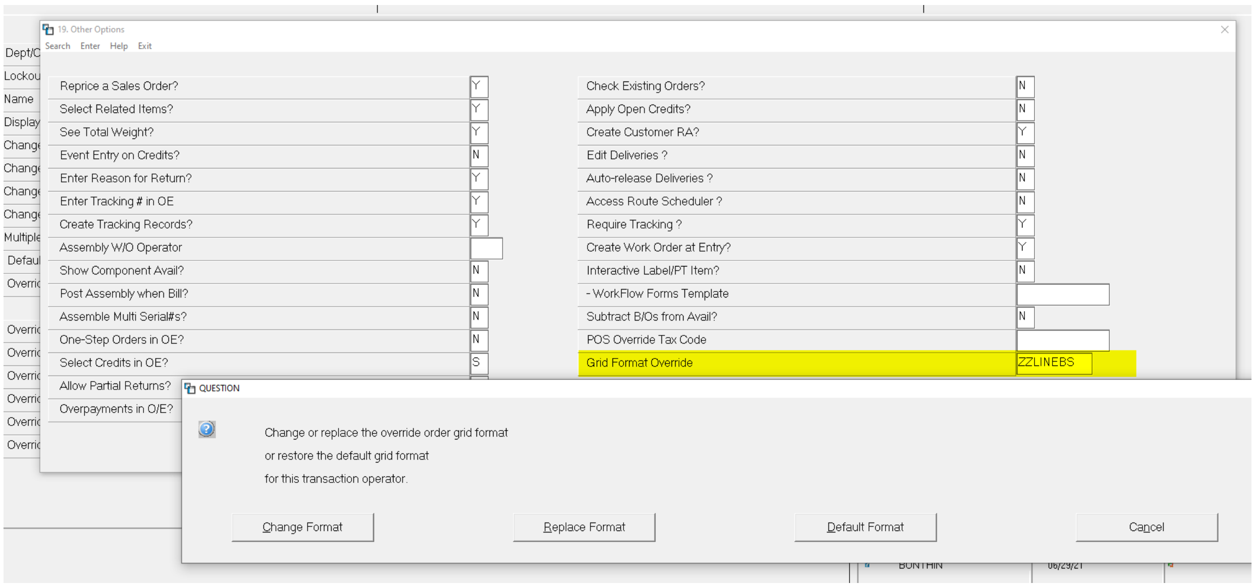
Transaction Operator Override Format Name

You may optionally specify an override ReportMate format name per related transaction operator.

- Billing operator (for Sales Orders and Point of Sale)
    - IS-07-11, field 19 Other Options, Grid Format Override
- Service Order operator
    - SV-07-17, field 20 Define Defaults, Grid Format Override
- Purchase Order operator
    - IS-07-15, field 5 Security Features, Grid Format Override
- Receivings operator

- IS-07-10, field 6 Receivings Features, Grid Format Override

Example:
Sales Operator Record: field #19.



- Choose "Change Format" to add additional fields to the existing list format override.
- Choose "Replace Format" to replace the list format with a different list format.
- Choose "Default Format" to clear the list format.

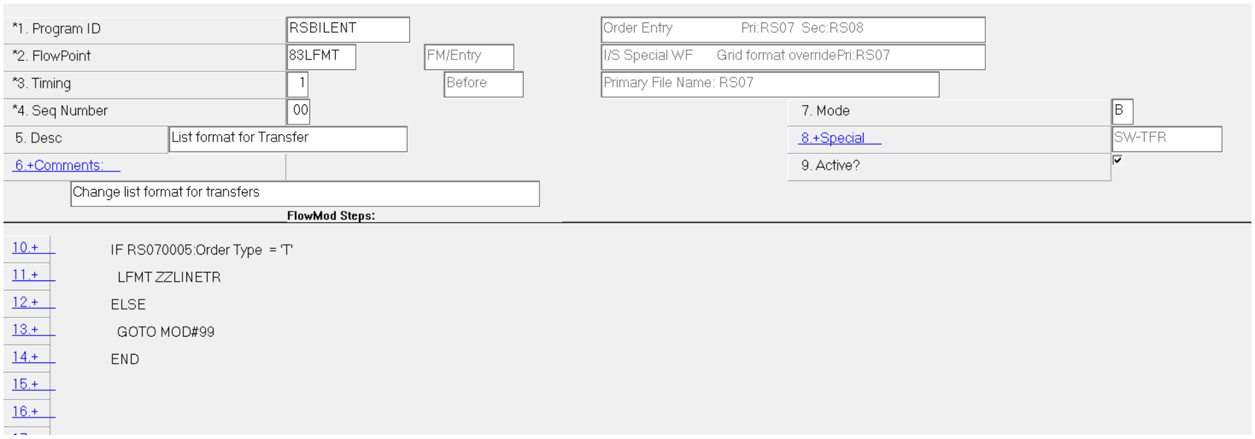
Specify an Override Line Item Grid Layout via WorkFlow

You have the option to use a WorkFlow FlowMod to specify an Override Line Item Grid Layout format based on certain conditions. The appropriate step type to define the override is an LFMT step.

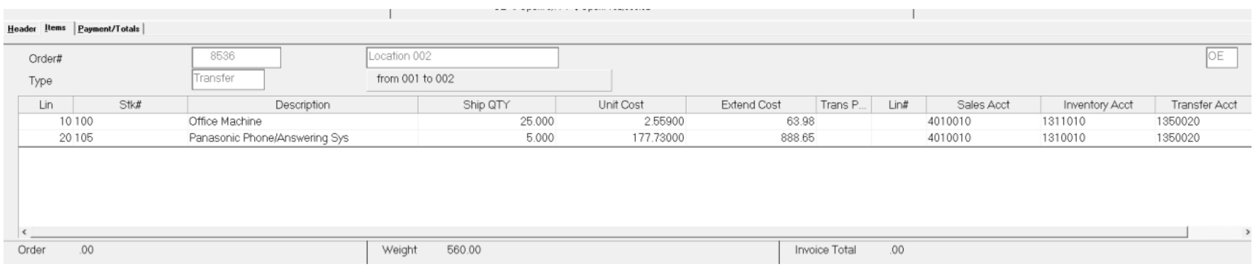
The related FlowPoint is available in the following programs:

• RSBILENT (Sales orders and POS)	FlowPoint 83LFMT
• SVSOHENT (Service order entry)	FlowPoint 83LFMT
• POENTRY (Purchase order entry)	FlowPoint 83LFMT
• RSRECENT (Receivings entry)	FlowPoint 83LFMT

The following example specifies a grid override to apply when an order is a transfer-type order:



And a resulting sample of the custom grid layout for a transfer order:



Hierarchy for Applying Line Item Grid Layout Overrides

When you access one of the programs that allows override grid layouts the program uses the following hierarchy:

1. WorkFlow - If there is a WorkFlow FlowMod defined via the 83LFMT FlowPoint that specifies an override format to use, then this will be used.
2. Transaction Operator - If there is no WorkFlow override, the program will use the override in the related transaction operator if defined.
3. Default RM Format Name – If there is no WorkFlow or Transaction Operator override, the program will use the default override ReportMate format name if defined.
4. Standard Layout – If none of the overrides are defined, the standard grid layout will be displayed.

ID: SELDDV
Released: 07/2021

RM05 (FYI) Create Unique Filenames for Export to EXCEL Option

In RM05: FYI you can create a unique filename when using the export to EXCEL option.

On newer Linux Servers, under certain circumstances, you are unable to open a file previously created. This feature addresses that problem.

ID: RMFILNAM
Released: 07/2021

ReportMate FlowPoint after Read of Current Record

A FlowPoint 8701BF has been added to the processing of ReportMate after the primary record has been read. This FlowPoint allows you to accumulate or calculate or update XX99 900 Series fields and then print them on the current line on the report.

The 8701 FlowPoint that has already been available doesn't occur until after the print line data has been finalized, so it was not possible to change an XX99 field at that FlowPoint and print the result on the same record (the change appeared on the next record).

Examples:

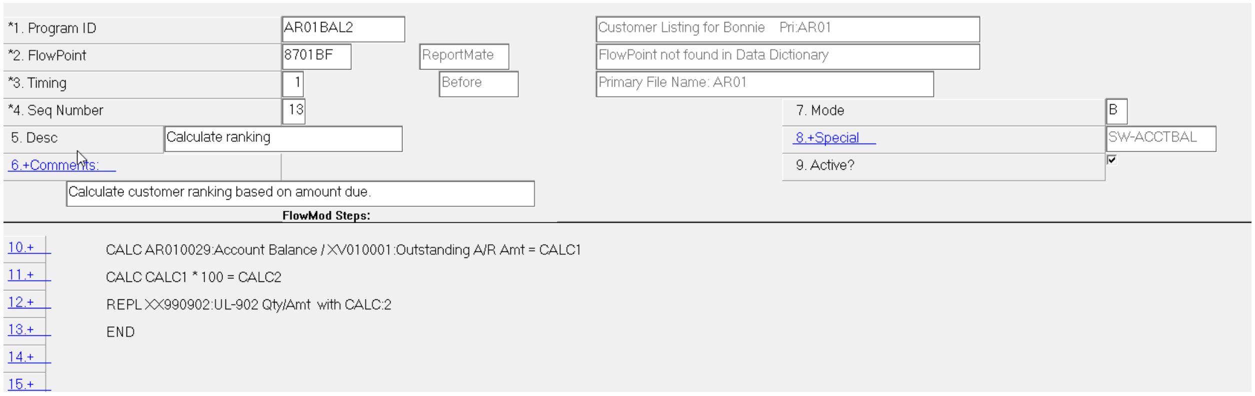
- Update a user-defined XX99 field with the order type and print the user-field on the RM report.
- Calculate the customer ranking based on AR Balance taking the customer's account balance divided by the Total account balance in the AR XM summary. Then print the ranking on the report.

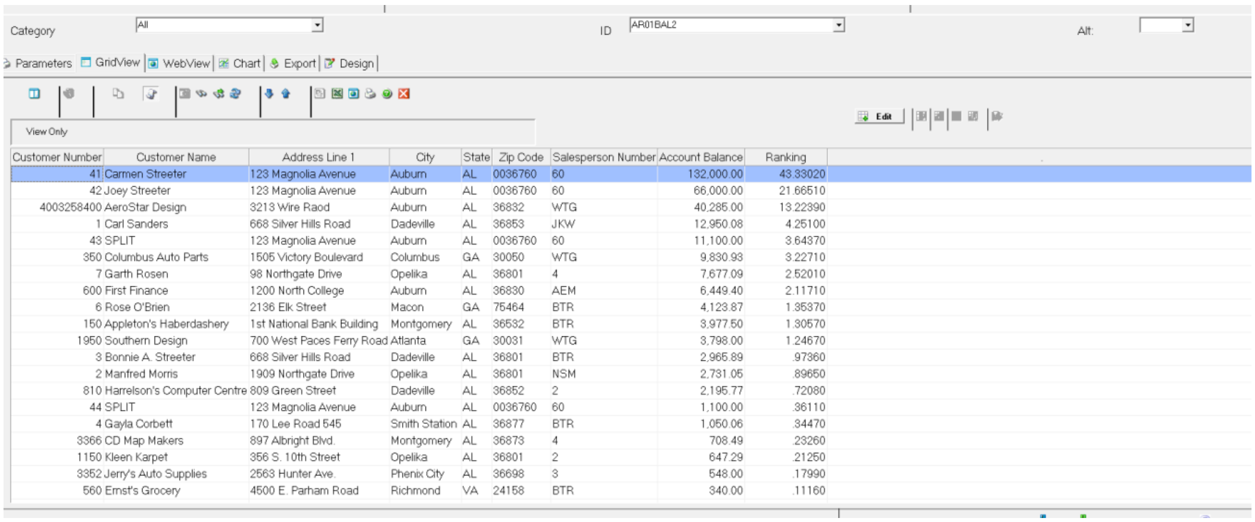
Here's how to use this feature:

1. Create your ReportMate format.
2. Create a FlowMod for the Program record (format name) that you created in step 1.
3. Use the FlowPoint of "8701BF"
4. Enter the steps to be executed

When you run the ReportMate report, each time a record is read for the report (based on ranges and selection criteria in the report) the program will pass the current record to WorkFlow and launch the FlowMod.

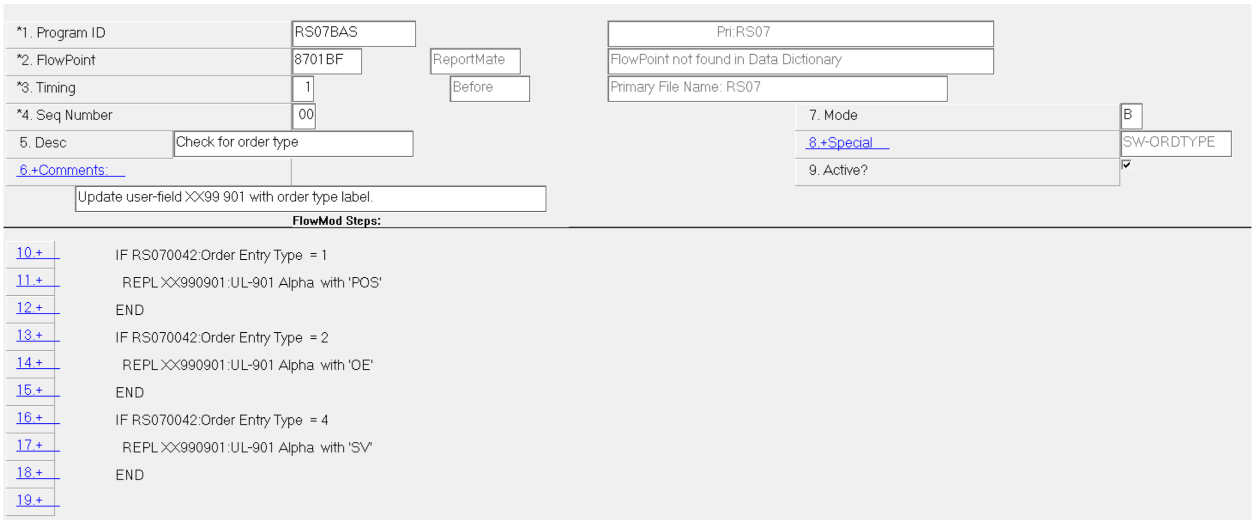
Sample FlowMod to calculate customer ranking based on AR Amount due:

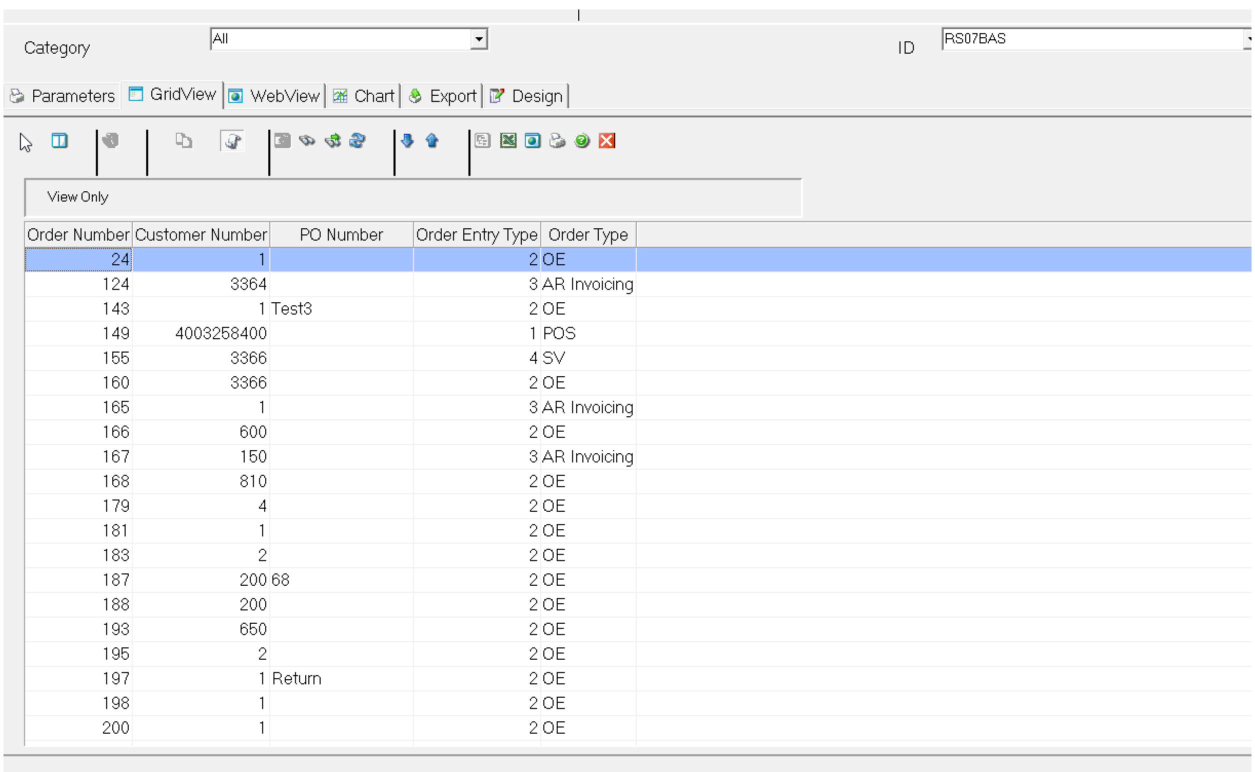




Customer Number	Customer Name	Address Line 1	City	State	Zip Code	Salesperson Number	Account Balance	Ranking
41	Carmen Streeter	123 Magnolia Avenue	Auburn	AL	0036760	60	132,000.00	43.33020
42	Joey Streeter	123 Magnolia Avenue	Auburn	AL	0036760	60	66,000.00	21.66510
4003258400	AeroStar Design	3213 Wire Raod	Auburn	AL	36832	WTG	40,285.00	13.22390
1	Carl Sanders	668 Silver Hills Road	Dadeville	AL	36853	JKW	12,950.08	4.25100
43	SPLIT	123 Magnolia Avenue	Auburn	AL	0036760	60	11,100.00	3.64370
350	Columbus Auto Parts	1505 Victory Boulevard	Columbus	GA	30050	WTG	9,830.93	3.22710
7	Garth Rosen	98 Northgate Drive	Opelika	AL	36801	4	7,677.09	2.52010
600	First Finance	1200 North College	Auburn	AL	36830	AEM	6,449.40	2.11710
6	Rose O'Brien	2136 Elk Street	Macon	GA	75464	BTR	4,123.87	1.35370
150	Appleton's Haberdashery	1st National Bank Building	Montgomery	AL	36532	BTR	3,977.50	1.30570
1950	Southern Design	700 West Paces Ferry Road	Atlanta	GA	30031	WTG	3,798.00	1.24670
3	Bonnie A. Streeter	668 Silver Hills Road	Dadeville	AL	36801	BTR	2,965.89	.97360
2	Manfred Morris	1909 Northgate Drive	Opelika	AL	36801	NSM	2,731.05	.89650
810	Harrelson's Computer Centre	809 Green Street	Dadeville	AL	36852	2	2,195.77	.72080
44	SPLIT	123 Magnolia Avenue	Auburn	AL	0036760	60	1,100.00	.36110
4	Gayla Corbett	170 Lee Road 545	Smith Station	AL	36877	BTR	1,050.06	.34470
3366	CD Map Makers	897 Albright Blvd.	Montgomery	AL	36873	4	708.49	.23260
1150	Kleen Karpet	356 S. 10th Street	Opelika	AL	36801	2	647.29	.21250
3352	Jerry's Auto Supplies	2563 Hunter Ave.	Phenix City	AL	36698	3	548.00	.17990
560	Ernst's Grocery	4500 E. Parham Road	Richmond	VA	24158	BTR	340.00	.11160

Sample FlowMod to update a user-defined field (XX99 field 901) with the order type:





Order Number	Customer Number	PO Number	Order Entry Type	Order Type
24	1		2	OE
124	3364		3	AR Invoicing
143	1	Test3	2	OE
149	4003258400		1	POS
155	3366		4	SV
160	3366		2	OE
165	1		3	AR Invoicing
166	600		2	OE
167	150		3	AR Invoicing
168	810		2	OE
179	4		2	OE
181	1		2	OE
183	2		2	OE
187	200	68	2	OE
188	200		2	OE
193	650		2	OE
195	2		2	OE
197	1	Return	2	OE
198	1		2	OE
200	1		2	OE

NOTE:

> If you use FlowPoint 8701BF to replace data in the primary record, the updated information will NOT print on the ReportMate report. You may replace data in a supplemental file (like XD) or XX99 linkage fields to print the fields updated by WF on the report.

ID: RM8701BF
Released: 07/2021

ReportMate: XX99 fields always available for sorts and selection criteria

Fields from the XX99 data dictionary file are now always available for sorts/selection criteria for ReportMate reports. Prior to this enhancement, you had to add an XX99 field to the ReportMate report before you could use XX99 in a sort or selection criteria.

ID: SELDDV
Released: 07/2021

ReportMate: New option to use a Data Dictionary variable for selection criteria

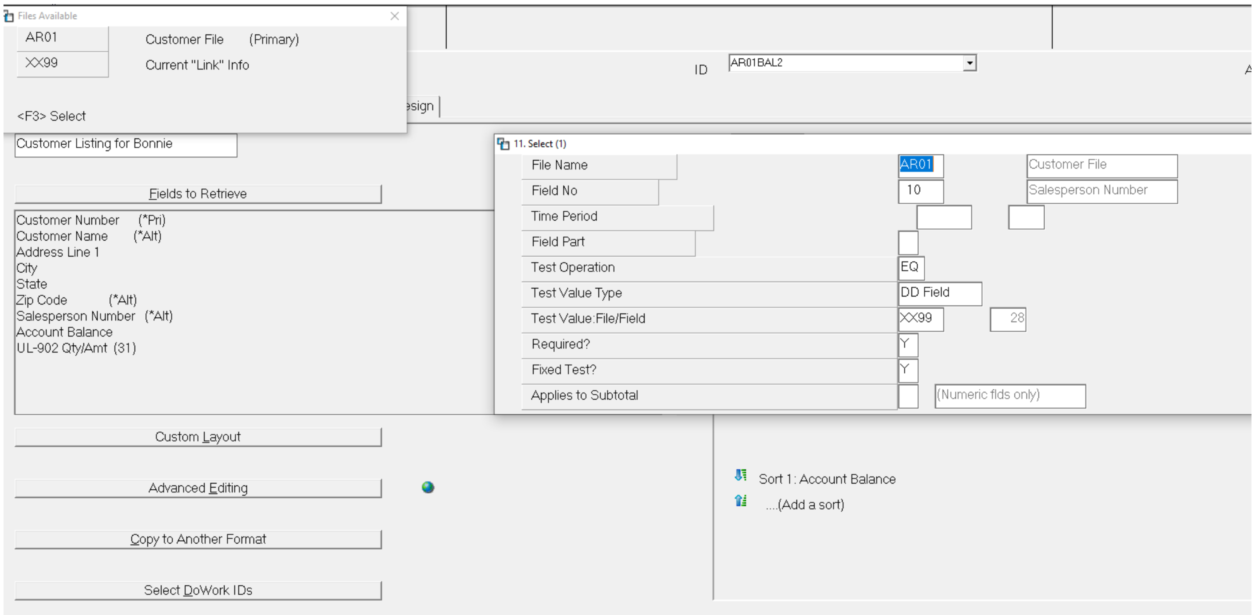
This new feature will allow you to select records based on a Data Dictionary variable. Prior to this change, you could only use constants for a selection criterion value.

NetLink/Portal Requests:

> If a ReportMate that uses data dictionary variables to test field selection criteria is part of a NetLink request, you will not be able to enter the selection criteria when defining the NetLink ReportMate Parameters record.

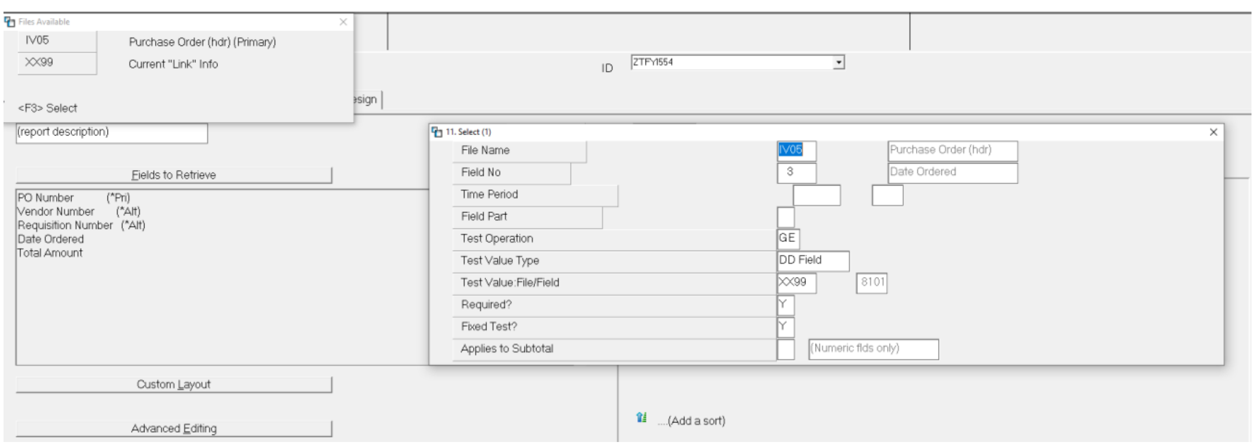
Sample - Select only customers who match your sales rep ID.

Sample selection screen to display only customers where the salesperson ID matches the salesperson id for the person running the report.



Sample - Show all purchase orders entered within the last 7 days

Sample selection screen to display purchase orders entered within the last 7 days. To accomplish this, setup a constructed variable to calculate today's date – 7 days. Then use the constructed variable Data Dictionary variable in your selection criteria.



ID: SELDDV
Released: 07/2021

New OfficeLink Environment Variable for merge template name

An OfficeLink word merge template is now allowed to be an environment variable (XX99 7000+ field #'s).

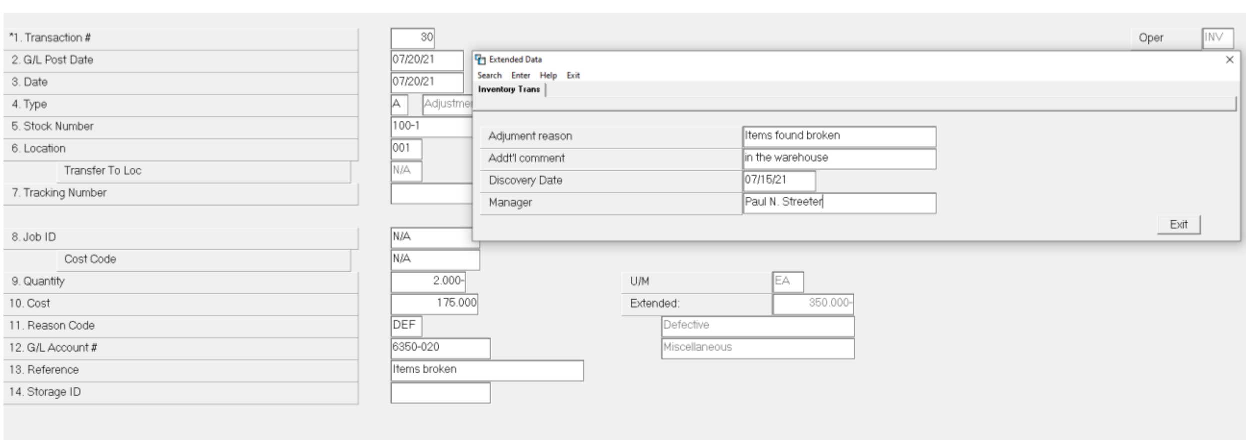
ID: OLENVVAR
Released: 07/2021

Notes/XD for Inventory Transactions

You may now create Extended Data fields for Inventory Transactions. There is a new Extended Data transaction record type of 127 for Inventory transactions. You may now also create notes for inventory transactions.

Example:

You may want to keep more detailed information about inventory adjustments such as disposing of defective inventory or recording missing inventory. You may now create Extended Data fields to enter and report this information.



Additional Info:

- The Inventory Transaction XD and Notes will appear on the transaction edit listing (IS060102) and on the posting register (IS060103).
- You can use ReportMate to print notes/XD from the inventory transaction file (IV21).
- Once a transaction is posted to the inventory ledger file, you may use ReportMate to print the XD and/or notes from IV15 (Inventory Ledger).
- ImportMate has been updated to allow import of XD and Notes when importing into the Inventory Transaction file.
- When viewing inventory ledger records from stock inquiry, you may view/add XD and Notes to ledger records created from Inventory Transactions.

ID: ILTNXD
Released: 07/2021

E-Forms Delivery for AP ACH Payments

You may now use E-Forms delivery to Email payment details to Vendors who have been paid using SouthWare's ACH Payments.

The Forms Delivery Type for ACH Email will use an Email Launch ID called ACHREPORT (hard coded) that will use RCF Packets to call RM report APACKRPT (hard coded) which will send a list of invoices paid thru ACH. This Eform Delivery is called when AP-02-08 Build AP ACH Direct Deposit File is run. The ACH file will be created and then the emails for those vendors will be sent. Only vendors that are set to call the ACH email in SF-03-04 will be sent an email.

Setup:

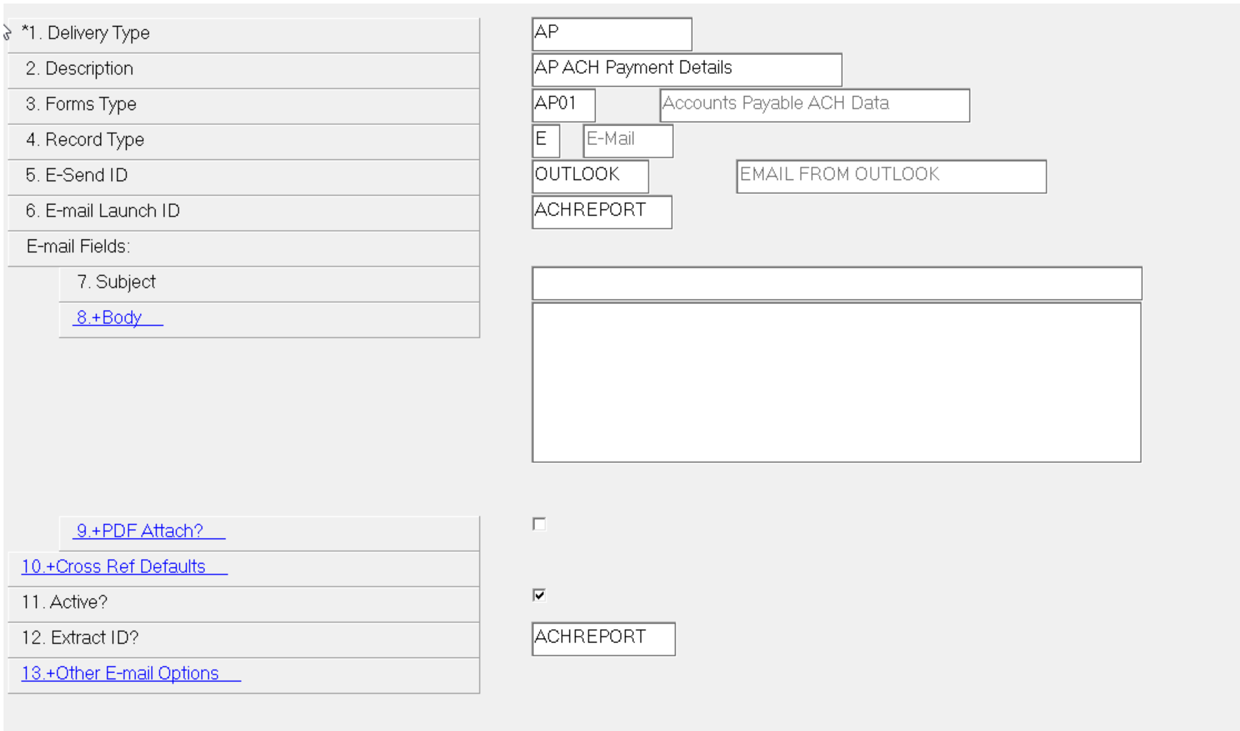
SF-03-03: E-Forms Delivery Types:

Field 3: Forms Type = AP01

Field 4: Record Type = E-mail

Field 6: Auto-populated with E-launch ID "ACHREPORT"

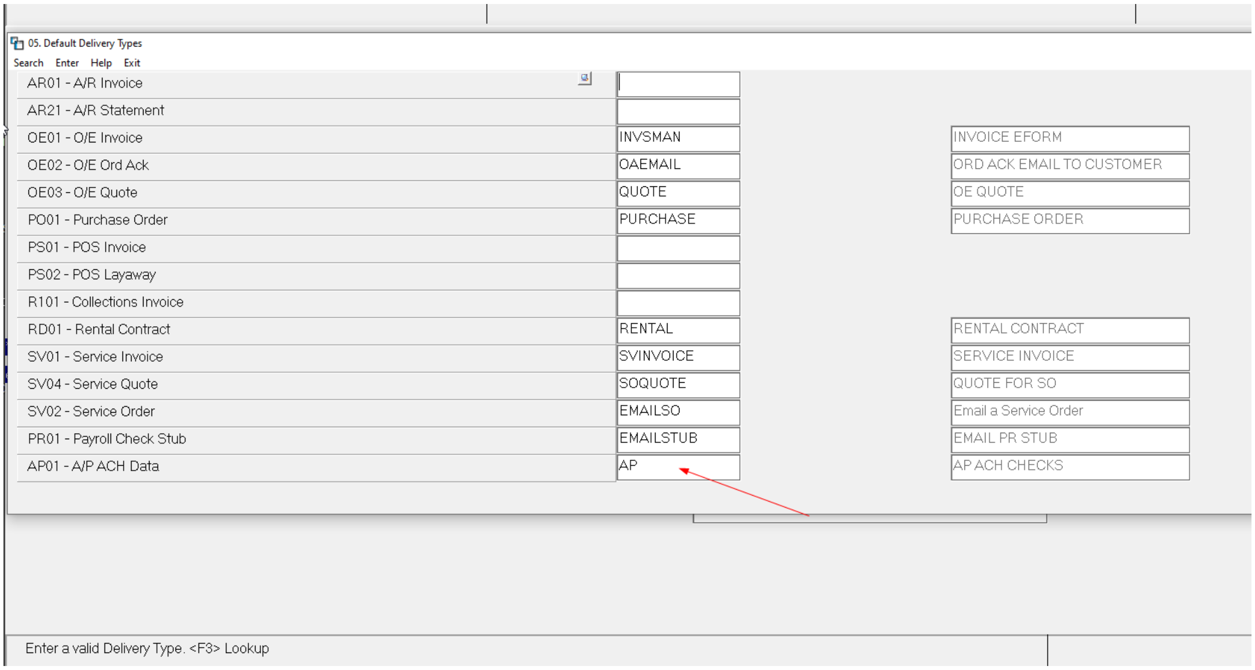
Sample E-Forms Delivery Record for ACH Payments:



*1. Delivery Type	AP	
2. Description	AP ACH Payment Details	
3. Forms Type	AP01	Accounts Payable ACH Data
4. Record Type	E	E-Mail
5. E-Send ID	OUTLOOK	EMAIL FROM OUTLOOK
6. E-mail Launch ID	ACHREPORT	
E-mail Fields:		
7. Subject		
8.+Body		
9.+PDF Attach?	☐	
10.+Cross Ref Defaults		
11. Active?	☑	
12. Extract ID?	ACHREPORT	
13.+Other E-mail Options		

SF-03-01: Forms Adapter Control Record

Field 5. Enter the Delivery Type defined in SF0303 into the AP01 (A/P ACH Data) Delivery Type field.



05. Default Delivery Types

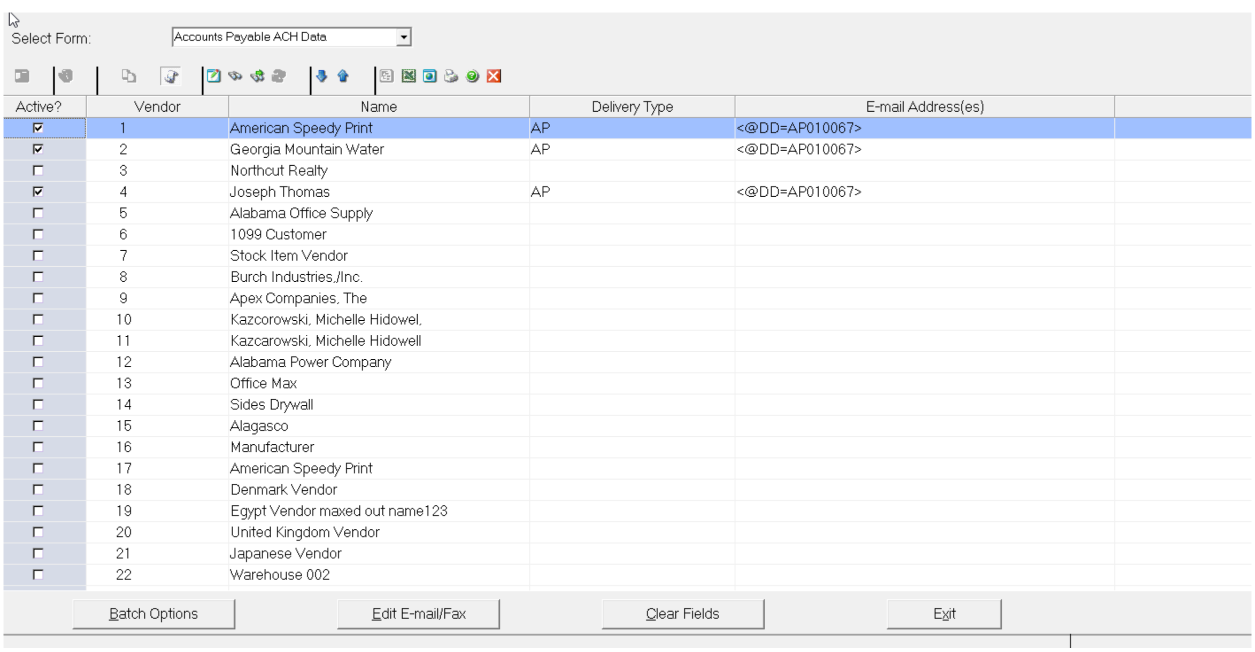
Search Enter Help Exit

AR01 - A/R Invoice		
AR21 - A/R Statement		
OE01 - O/E Invoice	INVSMAN	INVOICE EFORM
OE02 - O/E Ord Ack	OAEMAIL	ORD ACK EMAIL TO CUSTOMER
OE03 - O/E Quote	QUOTE	OE QUOTE
PO01 - Purchase Order	PURCHASE	PURCHASE ORDER
PS01 - POS Invoice		
PS02 - POS Layaway		
R101 - Collections Invoice		
RD01 - Rental Contract	RENTAL	RENTAL CONTRACT
SV01 - Service Invoice	SVINVOICE	SERVICE INVOICE
SV04 - Service Quote	SOQUOTE	QUOTE FOR SO
SV02 - Service Order	EMAILSO	Email a Service Order
PR01 - Payroll Check Stub	EMAILSTUB	EMAIL PR STUB
AP01 - A/P ACH Data	AP	AP ACH CHECKS

Enter a valid Delivery Type. <F3> Lookup

SF-03-04: Forms Delivery Setup Grid

Select Form “Accounts Payable ACH Data” and then define which vendors should receive the emailed ACH payment addendum form.



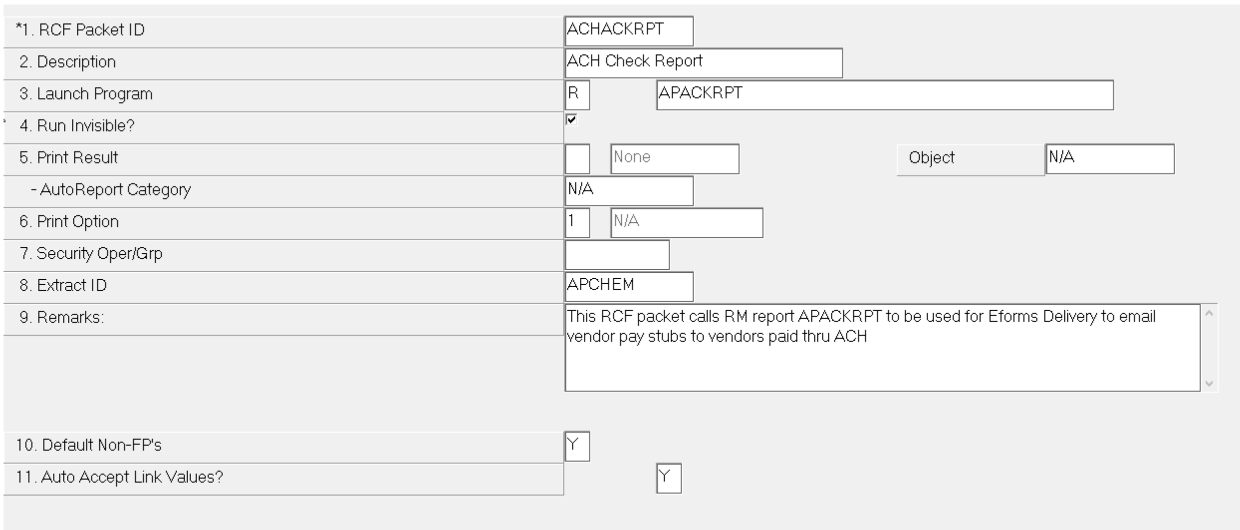
Select Form: Accounts Payable ACH Data

Active?	Vendor	Name	Delivery Type	E-mail Address(es)
☑	1	American Speedy Print	AP	<@DD=AP010067>
☑	2	Georgia Mountain Water	AP	<@DD=AP010067>
☐	3	Northcut Realty		
☑	4	Joseph Thomas	AP	<@DD=AP010067>
☐	5	Alabama Office Supply		
☐	6	1099 Customer		
☐	7	Stock Item Vendor		
☐	8	Burch Industries,/Inc.		
☐	9	Apex Companies, The		
☐	10	Kazcorowski, Michelle Hidowel,		
☐	11	Kazcarowski, Michelle Hidowell		
☐	12	Alabama Power Company		
☐	13	Office Max		
☐	14	Sides Drywall		
☐	15	Alagasco		
☐	16	Manufacturer		
☐	17	American Speedy Print		
☐	18	Denmark Vendor		
☐	19	Egypt Vendor maxed out name123		
☐	20	United Kingdom Vendor		
☐	21	Japanese Vendor		
☐	22	Warehouse 002		

Batch Options | Edit E-mail/Fax | Clear Fields | Exit

XX-09-14-01: RCF Packets

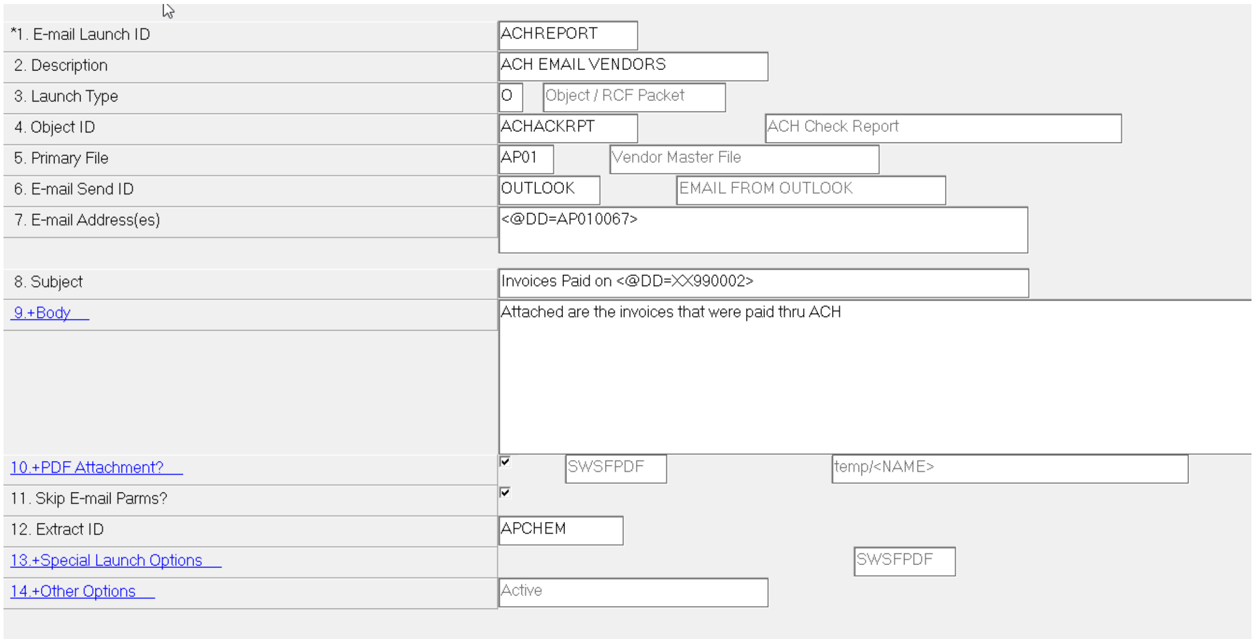
A standard RCF packet has been released call ACHACKRPT.



*1. RCF Packet ID	ACHACKRPT			
2. Description	ACH Check Report			
3. Launch Program	R	APACKRPT		
4. Run Invisible?	☑			
5. Print Result		None	Object	N/A
- AutoReport Category	N/A			
6. Print Option	1	N/A		
7. Security Oper/Grp				
8. Extract ID	APCHEM			
9. Remarks:	This RCF packet calls RM report APACKRPT to be used for Eforms Delivery to email vendor pay stubs to vendors paid thru ACH			
10. Default Non-FP's	Y			
11. Auto Accept Link Values?		Y		

XX-09-17: E-Launch IDs

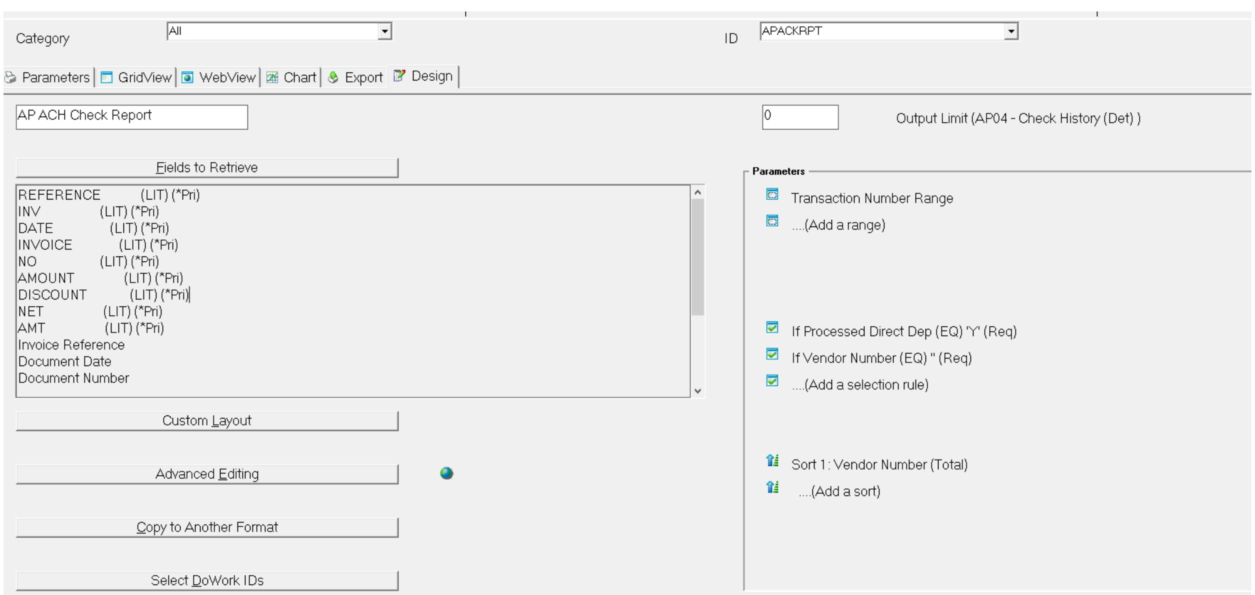
A standard E-Launch has been released with this featured called ACHREPORT. This e-launch id calls the RCF Packet/Object ACHACKRPT. The subject and body of the email can be modified.



RM06: ReportMate

A new ReportMate Report named APACKRPT has been released for this feature.

The report: APACKRPT can be modified to include additional data about the invoices being paid.



Released with this Feature:

- ReportMate Report: APACKRPT
- RCF Packet: ACHACKRPT
- E-launch ID: ACHREPORT
- Object: ACHACKRPT

NOTE: If you modify the RM report or E-Launch ID, please remember to write protect your modified records to avoid them being overwritten by a future update.

Sample Inventory Transaction Edit List including XD and Notes:

```
Bonnie Streeter REV16                       INVENTORY TRANSACTION EDIT LIST                    Date-07/20/21   Ref# IS-06-01-02
                                                                                               Time-11:26:23   Page    1
TRX NUMBER: ALL                   FOR OPERATOR: ALL

Trx#   Trx Date Type Stock/Rental ID Loc Description                              Quantity    U/M Use Unit Cost   Extended Cost  Opr
       GL Post       Reason                          Inventory Acct  Offset Acct

    30 07/20/21 Adj  100-1           001 Office Furniture - Chairs                     2.000- EA   Y     175.000        350.000- INV
       07/20/21 DEF  Defective                       1311-010        6350-020
                     Items broken
       Adjument reason Items found broken
       Addt'l comment  in the warehouse
       Discovery Date  07/15/21
       Manager         Paul N. Streeter
       ALERT!! 07/20/21 11:23  Cat:D Defective Items                BONTHIN
                       Two chairs found by Byron Smith in warehouse while
                       moving items to store front.  Byron did not know
                       how the chairs were damanged - it appeared the
                       chairs had been dropped.  Pictures were taken and
                       Paul N. Streeter was notified.
```

ID: APCHEM
Released: 07/2021

Upcoming Features

The items on the following pages are in development or testing and are scheduled to be released in coming months, some of them before the end of the year. The descriptions here describe each feature as it is currently designed to be released. Please note that:

These descriptions are tentative and are subject to change prior to release of the feature.

Improved ImportMate Error Descriptions

The listing created from an import process now includes an improved description of errors. Fatal errors that prevent an update will print on a separate error line and include both the key to the record and the error description in the line.

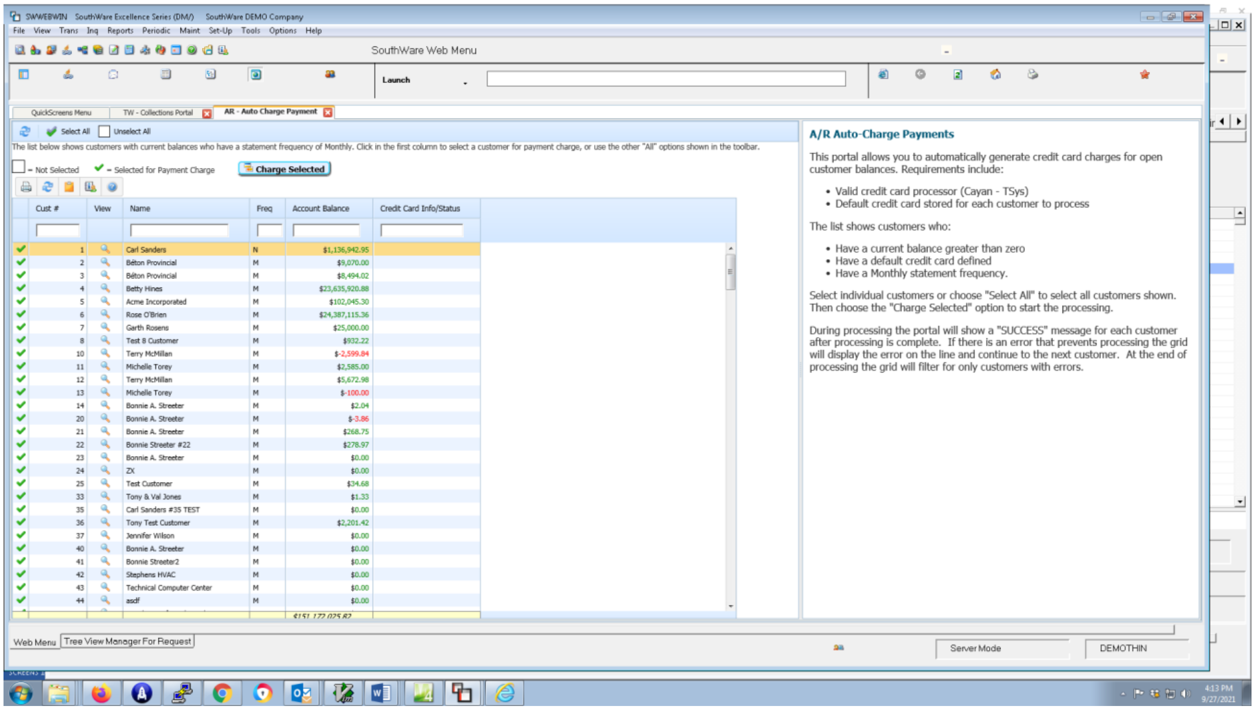
New Customer Auto-Pay Balance Portal

A new portal allows you to easily charge customer credit cards for the customer balance of selected customers. The portal is designed for use in those situations where charges are made throughout a month or other period and then the total balance due is to be automatically charged to a specified credit card for each customer.

Requirements for this portal include:

- A valid credit card processor (Cayan - TSys)
- A default credit card stored for each customer to process

You may access this portal from the QuickScreens menu option "AR – Auto Charge Payment".



The list shows customers who:

- Have a current balance greater than zero
- Have a default credit card defined
- Have a Monthly statement frequency (this is a column filter that you may change as needed).

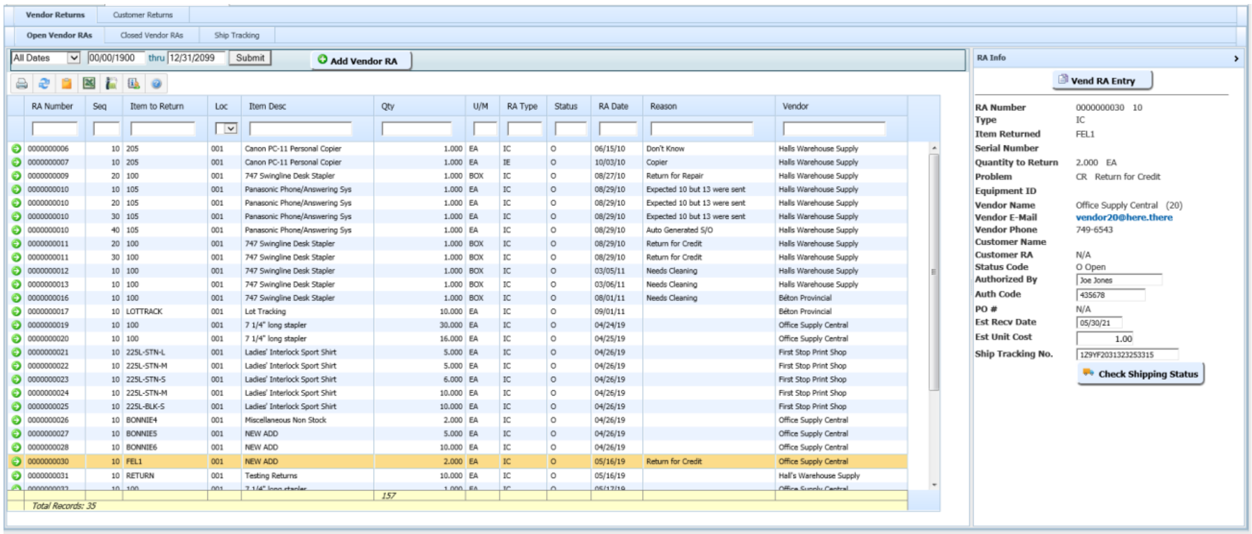
Select individual customers or choose "Select All" to select all customers shown. Then choose the "Charge Selected" option to start the processing.

During processing the portal will show a "SUCCESS" message for each customer after processing is complete. If there is an error that prevents processing the grid will display the error on the line and continue to the next customer. At the end of processing the grid will filter for only customers with errors.

New Portal for Return Authorizations

A portal is now available that allows you to easily review, access, and edit your vendor return authorizations and customer return authorizations.

You may access this portal from the QuickScreens menu option “IS – Return Authorizations”.



Vendor Returns

The first tab in the portal is for Vendor Returns. It contains the following sub-tabs:

<u>Open Vendor RAs</u>

This tab shows a list of current open vendor RAs line items for a range of dates. The list defaults to all dates (all open vendor RAs), but you may change the dates via the date drop down and entry fields. You may also click on the “Add Vendor RA” button to access the Vendor RA entry program.

The view pane on the right displays data about the currently highlighted RA line item in the list. The following options are available in the view pane:

- Vend RA Entry – click on this button to zoom to the Vendor RA entry program for this specific RA number and line number.
- Create E-Mail to Vendor – click on the e-mail address shown in the view to start an e-mail (via your default e-mail program) to the address that contains some reference info about the RA. You can then enter your question or other text for the e-mail.
- Change selected fields – you may change the following fields in the Vendor RA record via these fields in the pane:
  - Authorized By

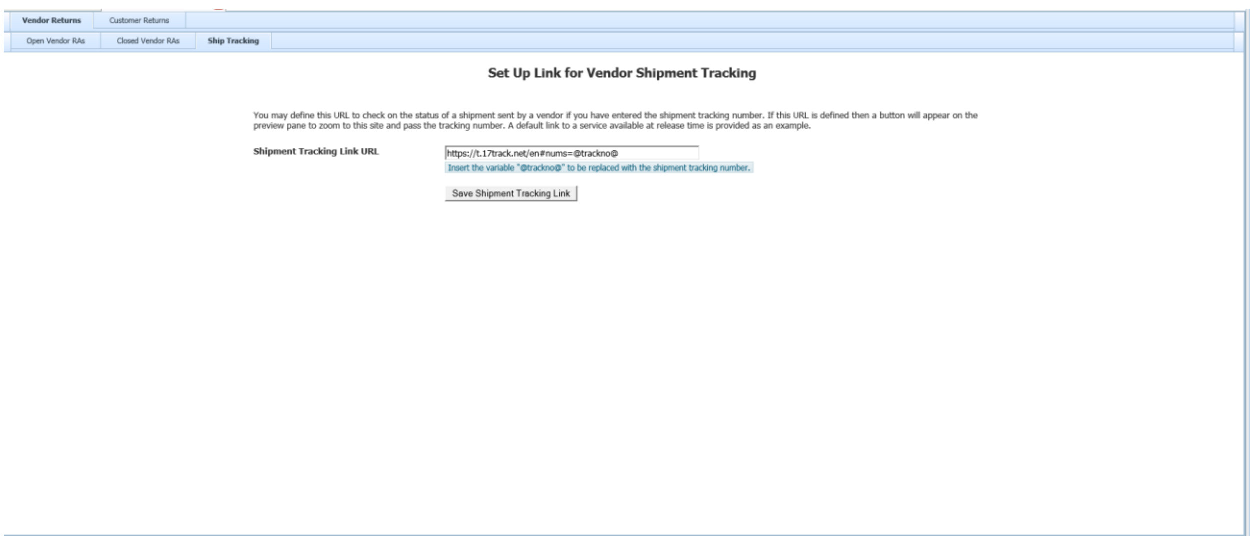
- Auth Code
    - Est Recv Date
    - Est Unit Cost
    - Ship Tracking No
- Check Shipping Status – click on this button to pass the ship tracking number to the web service specified in the "Ship Tracking" tab. This allows you to see the current shipping status of the vendor return.
    - This button appears only if you have entered a ship tracking number AND you have defined a URL in the Ship Tracking tab.

<u>Closed Vendor RAs</u>

This tab shows a list of closed vendor RAs for a range of dates. The list defaults to the last 30 days, but you may change the dates for the list via the date drop down and entry fields.

<u>Ship Tracking</u>

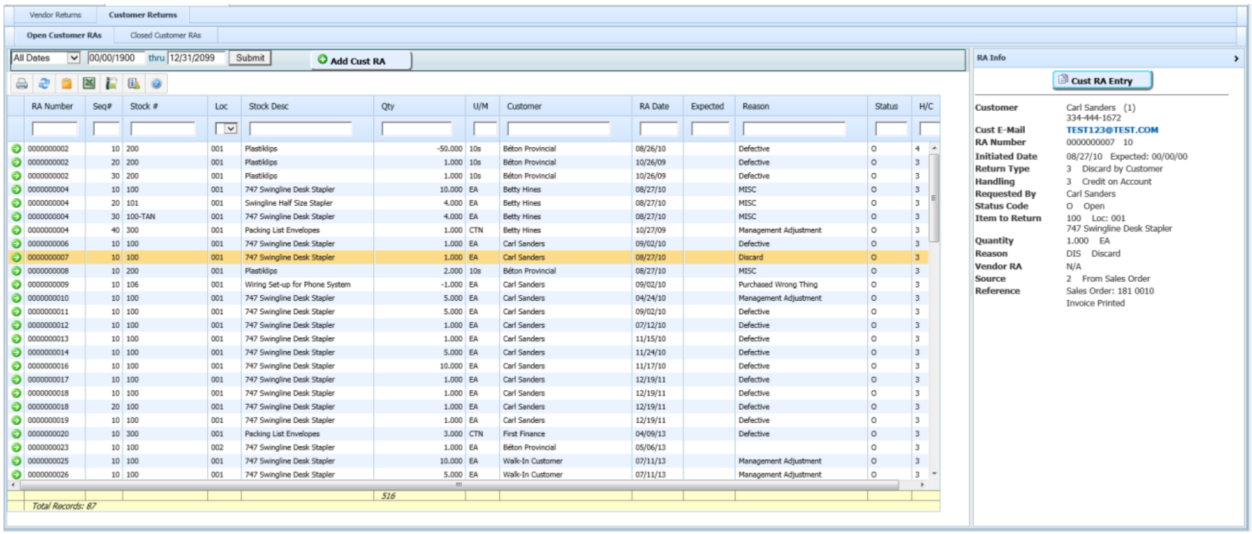
This tab allows you to specify the URL of a web service that provides the current shipping status for a ship tracking number. A default service URL is provided (valid as of the release of this portal). You may enter any URL and include the variable "@trackno" which will be replaced with the ship tracking number when called.



Customer Returns

The second tab in the Return Authorizations portal is for Customer Returns. It contains the following sub-tabs:

Open Customer RAs



This tab shows a list of current open customer RAs for a range of dates. The list defaults to all dates (all open customer RAs), but you may change the dates via the date drop down and entry fields. You may also click on the "Add Cust RA" button to access the Customer RA entry program.

The view pane on the right displays data about the currently highlighted RA in the list. The following options are available in the view pane:

- Cust RA Entry – click on this button to zoom to the Customer RA entry program for this specific RA number.
- Create E-Mail to Customer – click on the e-mail address shown in the view to start an e-mail (via your default e-mail program) to the address that contains some reference info about the RA. You can then enter your question or other text for the e-mail.

Closed Customer RAs

This tab shows a list of closed customer RAs for a range of dates. The list defaults to the last 30 days, but you may change the dates for the list via the date drop down and entry fields.

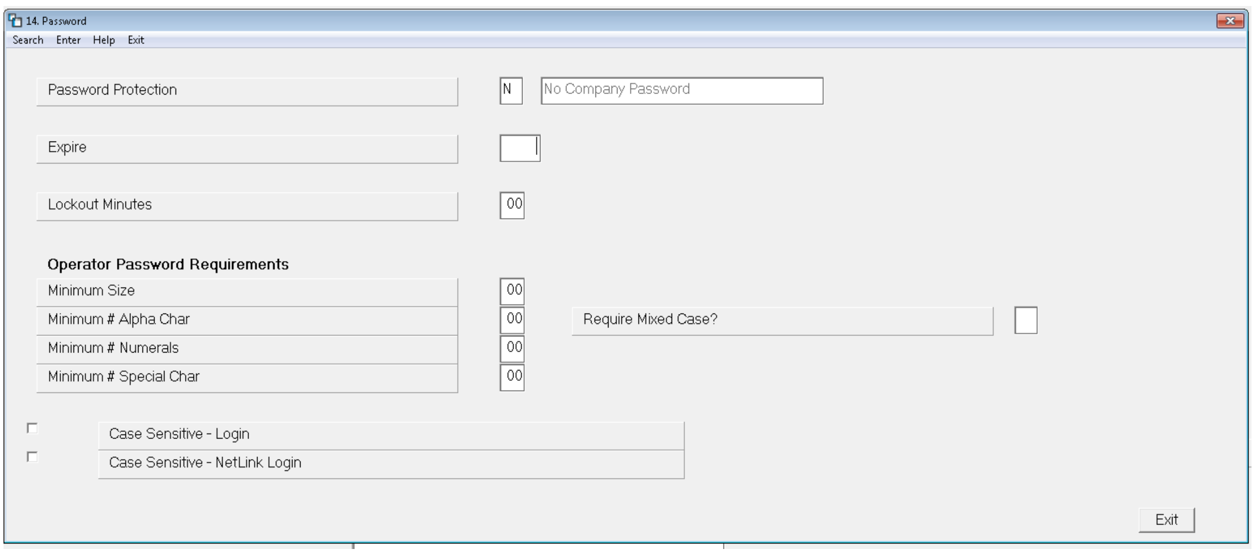
New Default Credit Card per Customer account

For customers who have multiple credit cards for payment on file via the Cayan Vault feature you may now specify which credit card is the default card to use. This will show as the default selected card when entering payments for orders/service orders/AR Cash Receipts. You must also specify a default card if you want to use the Customer Auto-Pay Balance Portal.

You may set the default flag in the credit card manager (where you may view all vault records) or in customer maintenance.

Option for SouthWare Login and NetLink Login Passwords to be Case Sensitive

You now have the option to utilize case-sensitive passwords for SouthWare logins and NetLink logins. These options are defined in the Company ID record as part of the password options (XX-03-01, field 14).



Case Sensitive – Login:

> Click the checkbox to activate case-sensitive validation of SouthWare login passwords defined in the login operator record (XX-03-02, field 2). When you activate this feature, if the password in the operator record contains upper and lower case letters then the login program will require that the password be entered exactly as defined in the operator record. If you don't use this option then the login program only validates that the operator enters the correct letters, not that the case matches.

Case Sensitive – NetLink Login:

Click the checkbox to activate case-sensitive validation of NetLink login passwords defined in the NetLink requestor record (NL-01-03, field 3). When you activate this feature, if the password in the requestor record contains upper and lower case letters then the NetLink login process will require that the password be entered exactly as defined in the requestor record. If you don't use this option then the login process only validates that the password contains the correct letters, not that the case matches.

Implementation Caution

Please understand that if you activate case-sensitive validation that any operators with mixed case passwords MUST enter them exactly as defined. Prior to this feature they only needed to get the letters correct – this feature will not allow them to login unless they enter the correct case for each letter. Make your operators aware of this before activating the feature.

Option to Rebuild SQLSync G/L Transaction History from a Specified Date

The rebuild of SQLSync tables now allows you to rebuild the table for G/L History using a starting date. Only the G/L History records from that date forward will be updated to the SQL table. Records that already exist will be rewritten in the SQL table.

Option to Prevent Invoice Print if Sales Tax Not Calculated

The Sales Tax Interface module that integrates with AvaTax now provides an option to prevent the printing of an invoice for an order if the sales tax has not been calculated by AvaTax. This helps prevent reconciliation and reporting errors caused by offline situations. When the sales tax is correctly calculated for the order then the invoice will print.

Option to Auto-Default E-Forms Delivery for newly added customers when customer is created from Service Order Entry (SV010103)

The new customer record will use the default E-Forms delivery from the Sales Operator customer ID that is used for many of the defaults when adding customers from Order Entry.

TaskWise Task Template Close Date

You have the option to define the close date for a task created via a task template (TW-04-12). This is defined similar to the scheduled date, but allows you to create a close date for the created task.

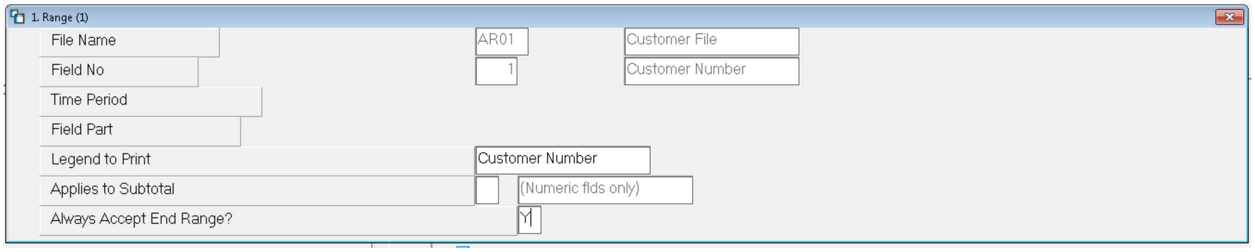
Option to Output A/R Aging Report in ReportMate by Invoice Salesperson

On the A/R Aging Report (AR-05-01) you now have the option to print open items for a specific salesperson when you output the report using ReportMate FYI. The standard A/R Aging Report uses the salesperson from the customer record, but this option allows you to use the salesperson on the open item invoice record. This is helpful when the salesperson on the invoice is different than the salesperson from the customer record.

A new data dictionary field has been added to file ARR2, field 33 for Open Item Salesperson. The FYIARR2 report has been modified to include this field.

ReportMate – Option to Require Ending Range Value for a Selection Range

You may now define a range on a ReportMate format that allows you to enter an ending value even if the beginning value is blank. This may be needed in a situation where the beginning value for a range needs to be blank or 0 but you don't want to include ALL records (which is the default behavior when the starting range value is blank or zero).



A new option is added to the range definition box.

Always Accept End Range?:

Enter “Y” if you want the range entry to accept an ending value for the range even if the starting value for the range is blank (for text fields) or zero (for numeric fields). This eliminates the standard “ALL” default when you press [Enter] at the starting value.

For example:

- For a text field you could enter a range of blank through “C” to get all records where the field has a blank value or letter values through the letter “C”.
- For a numeric field you could enter a range of 0 through 1000 to include records with a value of zero up to 1000.

NOTE:

This flag is automatically set to space (N) if the range is for a “RMxx” DD file or if it is for a GL account and you choose a code (not the entire account).

Option to Place Images for Forms in Different Directory per Company

You now have the option to place the images to be printed on forms in a separate directory per company. This can be useful when you share forms definitions across companies but the image files need to be different for each company.

To use this feature you simply create a subdirectory named “SFIMAGE” under the company data directory. For example, to use this feature for the Demo company you would create the directory “SFIMAGE” under the “DM” directory. When the forms print programs have an image to print they will look in this directory for the file before looking in the default image directory of “swhtml/images”.

<u>Advanced Notes:</u>

- If the image file name in the forms definition is a full path name then the program does not look for files in the SFIMAGE or swhtml/images directories.
- If you want to disable this feature after setting it up you may set the environment variable "SWENV-SFIMAGE-DIR-OFF" to "OFF".

SouthWare/Aptean SaaS offering that included SouthWare in the CLOUD

You will have the option to license SouthWare as a SaaS (Software as a Service) product. SaaS models offer unparalleled security, flexibility and scalability. And we brought all of those benefits to SouthWare ERP without sacrificing any of the features our customers love in the on-premise version.

Contact your SouthWare supplier for more information.