ENCOR

Release Notes

Version 1.0.2.0

ENCOR Release Notes

Date of Issue	Product ID Num.	Part Number	Brief Description
January 2018	45002/081	89000927	1.0.0.1 Release
January 2019	45002/081	89000932	1.0.1.0 Release
February 2019	45002/081	89000933	1.0.1.0 Release (updated)
February 2019	45002/081	89000935	1.0.1.2 Release
February 2019	45002/081	89000937	1.0.1.3 Release
June 2019	45002/081	89000949	1.0.2.0 Release
June 2019	45002/081	89000949a	1.0.2.0 Release (updated)

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Overview

The release notes cover all the changes that were done in ENCOR 1.0.2.0, which include new features and updates. These changes are reflected in the accompanying ENCOR 1.0.2.0 software. Following the change descriptions are an abbreviation of the ENCOR areas affected:

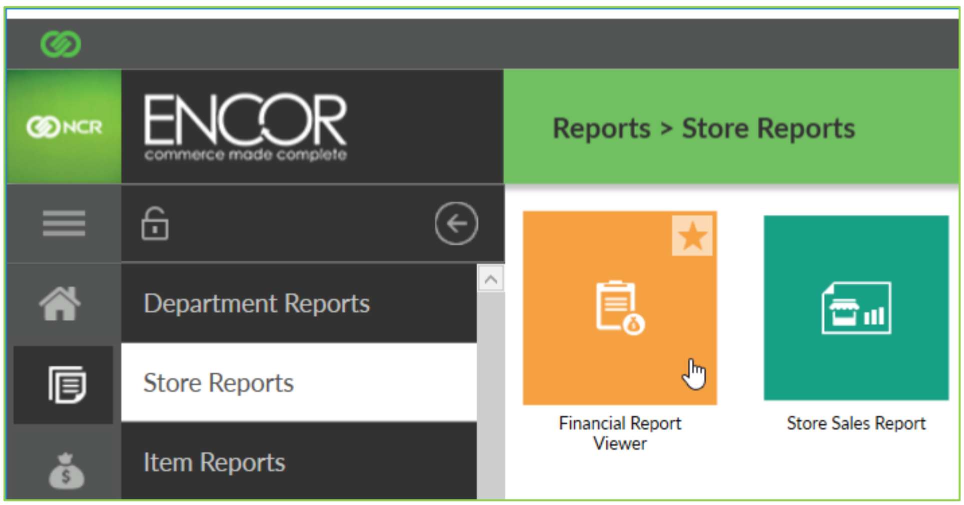
- ADK – Application Development Kit
- POS – Point of Sale
- SSCO – NCR Self-Service Checkout

These enhancements are explained in detail in the following pages. Please contact NCR Support with any questions regarding this release.

ENCOR-2046 – As A User Of ENCOR, I Need a Way to Compare My Sales to Past Sales of The Same Date Range

The Financial Report Viewer application has been updated. Users will be able to add **comparison filters** to the existing financial report to compare the current sales data with the past sales data. Users can save and manage **report views**, and more.

To use these features, go to the Financial Report Viewer application. Open the application by going to left panel of ENCOR and select **Reports > Store Report > Financial Report Viewer** (See the screenshot below).

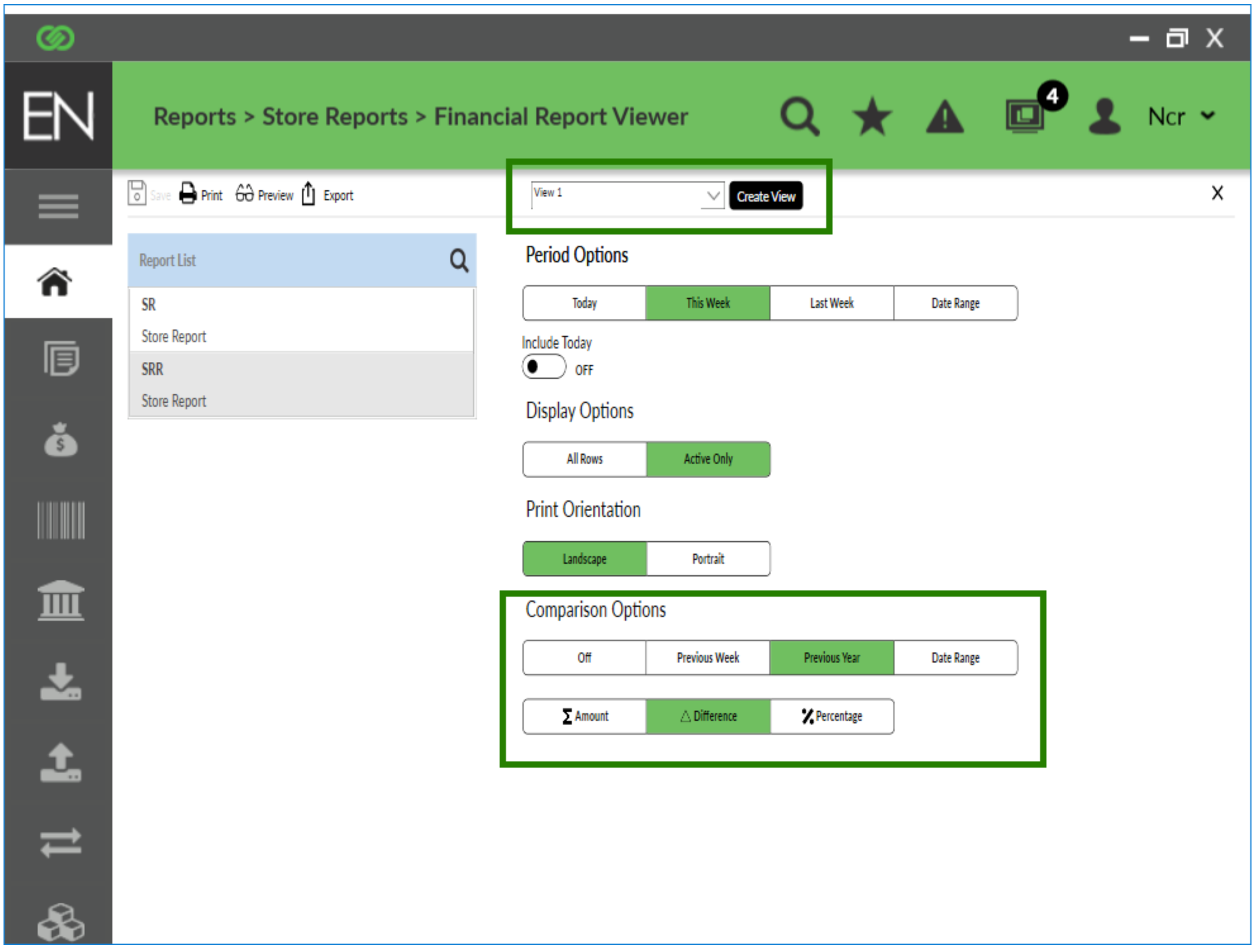


The comparison can be done with the sales of:

- Previous Week
- Previous Year
- Date Range (User defined)

The comparison filters that can be set are:

- Amount
- Difference
- Percentage

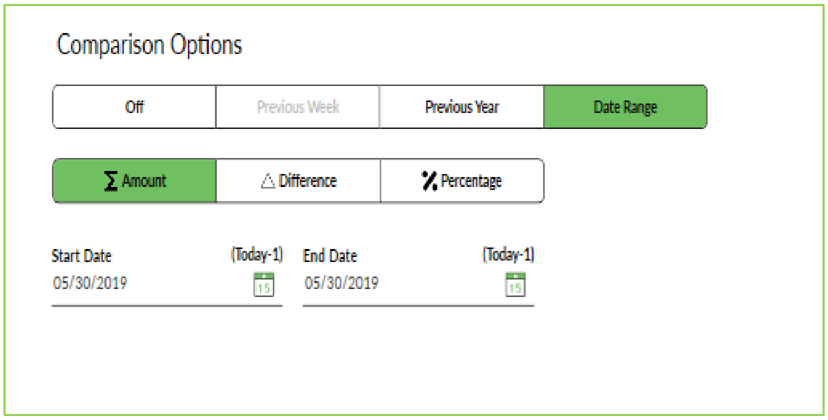


The Field Descriptions related to this feature:

Create View: Click on the Create View button, to create a new Report View for the financial report. Clicking this, will open a Report View dialogue box. This button is at the top of the application.

- **View Name:** View Name is a text-field, which is within the Report View dialogue box. Here, users need to enter the name of the report view that they are creating.

Save: Click on the Save button to save the report views after setting the filters for the report.



Off: Click on the Off button, to disable the comparison.

Previous Week: Click on the Previous Week button, to compare with previous week. This button will only be available, when the users select period option as This Week or Last Week.

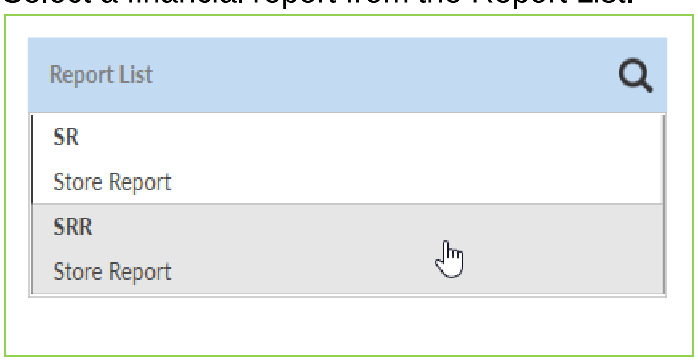
Previous Year: Click on the Previous Year button, to compare with previous year.

Date Range: Click on the Date Range button, to compare with a date range. Clicking this button will make Start Date and End Date selection options show.

- **Start Date:** Click on the Start Date selection button, to select the start date for date-range.
- **End Date:** Click on this End Date selection button, to select the end date for date-range.

Below are the steps to set comparison filters in the Financial Report Viewer.

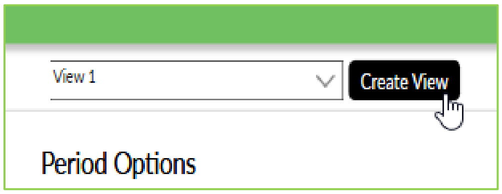
1. Select a financial report from the Report List.



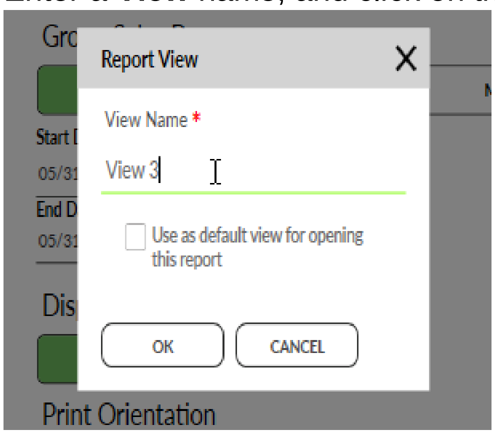
Notes:
- Users need to make sure that there are reports in the report list. If there are not, they will need to create the reports using the Financial Report Designer application.

- Confirm that the security level validation for the financial reports, in the Financial Report Viewer application, has been applied. The user with a low-security level will not be able to access and perform operations in the financial reports if it is created by a user with a high-security level.

2. To create a view, click on the **Create View** button. A Report View dialogue box will open.

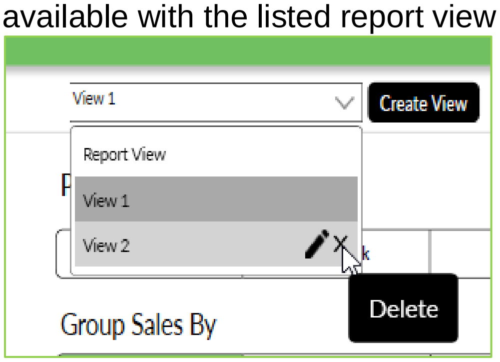


3. Enter a **View** name, and click on the **OK** button.

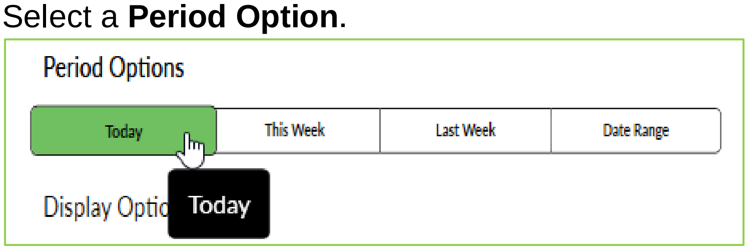


Notes:

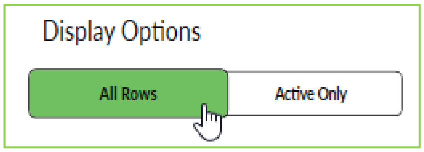
- Users can set any of the report views as the default report view by checking the "*Use as default view for opening this report*" checkbox.
- Users can edit or remove the existing report view by clicking on the report view drop-down menu, then clicking on the **Edit** or **Delete** button. These options are available with the listed report view in the drop-down menu.



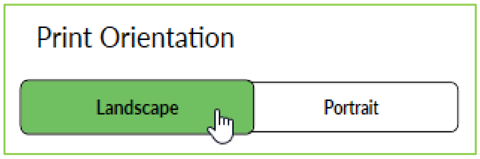
4. Select a **Period Option**.



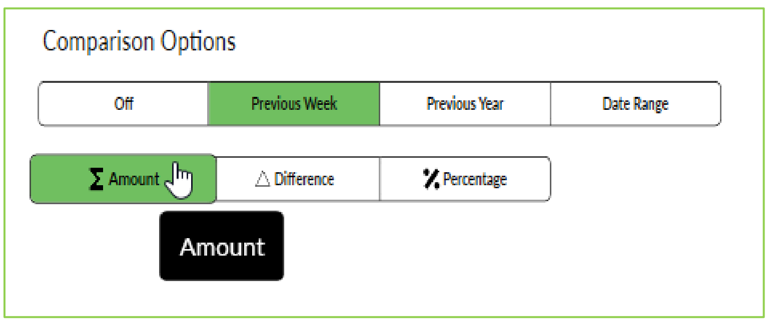
5. Select a **Display Option**.



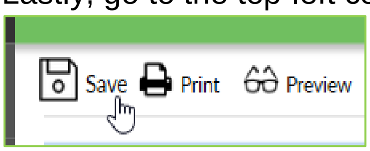
6. Select a **Print Orientation**.



7. To set the Comparison filters, do the following.
   i. Users can select **Off,** if they want the report without comparison filters.
   ii. To compare, users need to select Previous Week, Previous Year and Date Range.
      i. Previous Week will only be selectable when the selected period option is This Week or Last Week.
   iii. Select the Comparison filter.
      i. Users can select Amount, Difference or Percentage.



8. Lastly, go to the top-left corner of the application, and click on the **Save** button.



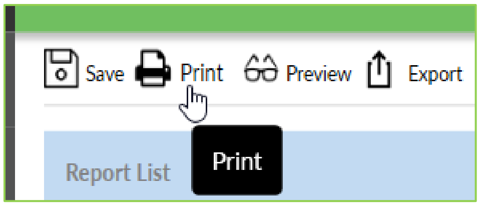
The financial reports can now be printed, previewed, edited and exported (saved).

To perform these tasks, follow the steps below:

i. Select the report from the Report List
ii. Select the report view from the Report View drop-down menu
iii. Go to the top-left corner of this application

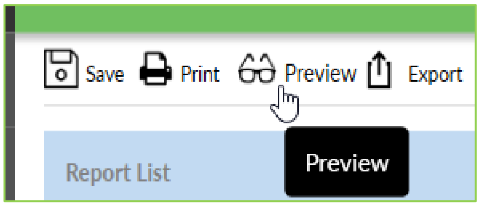
To Print the Report:

Click on the **Print** button.



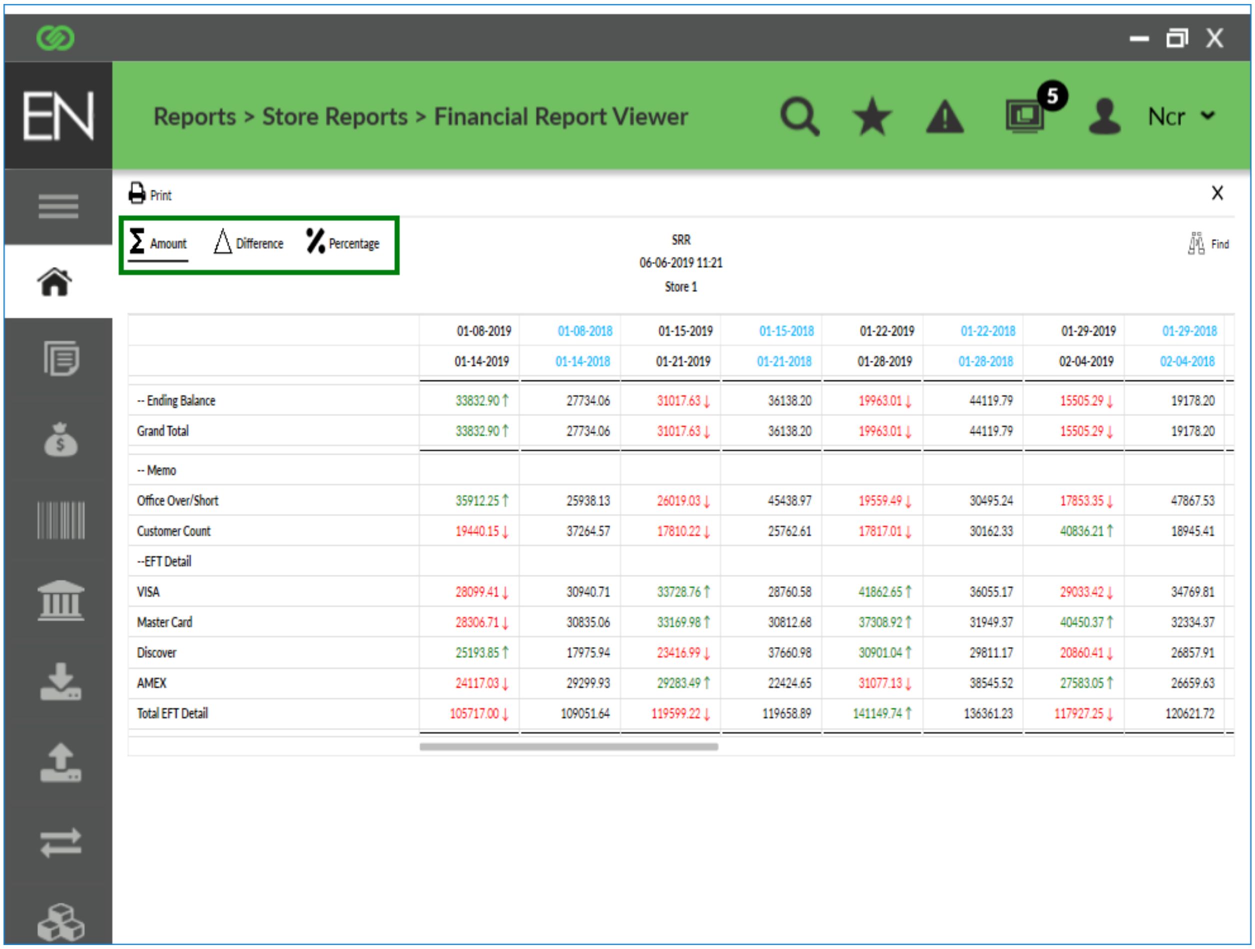
Preview the Report

To preview, click on the **Preview** button.



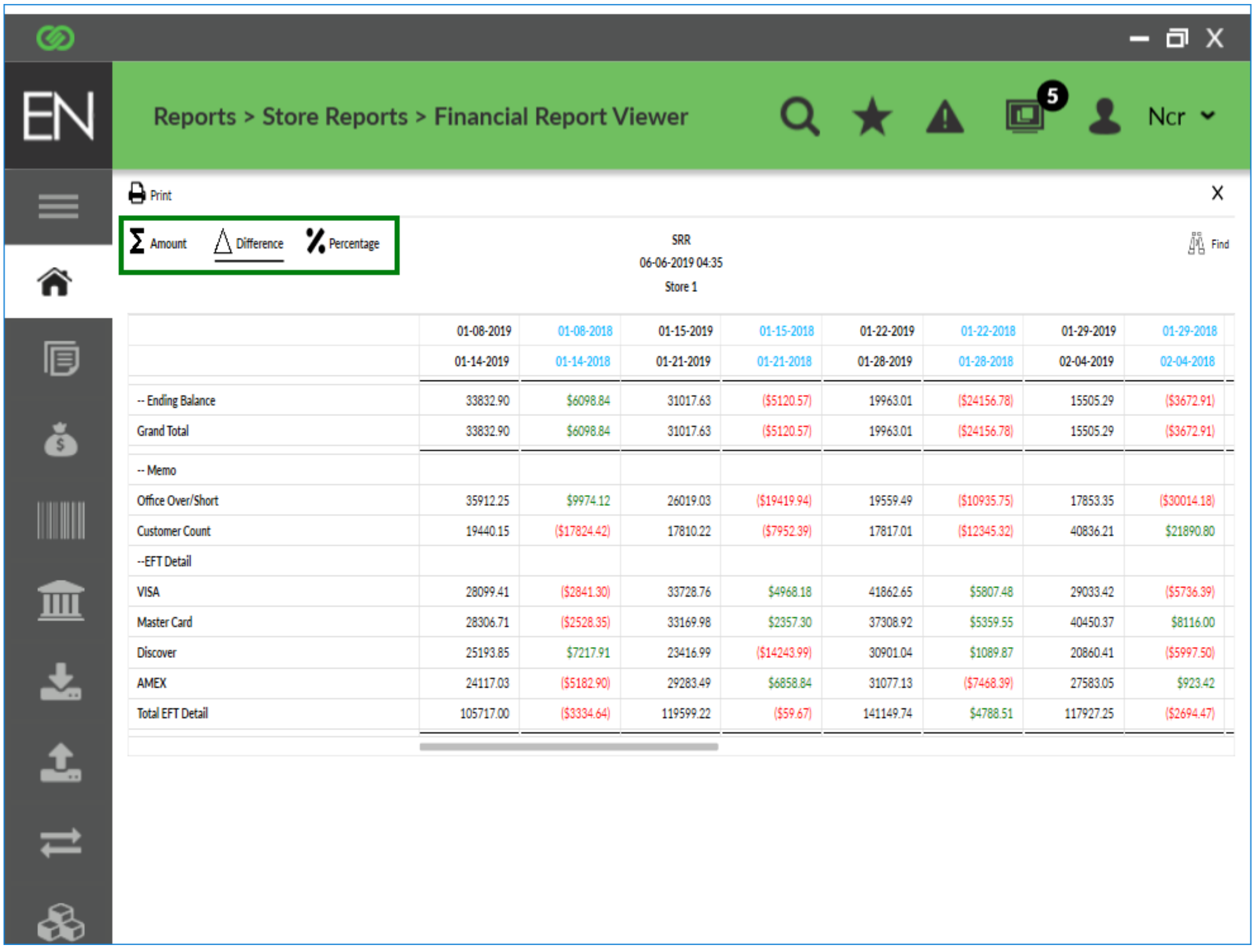
The screenshots below show how the PREVIEW will appear.

- Users can change the filters between:
    - Amount
    - Difference
    - Percentage
- The color formats are automatically added in the report. They consist of these two colors:
    - Green - Green will show the increase in the sales.
    - Red - Red shows the decrease in the sales.

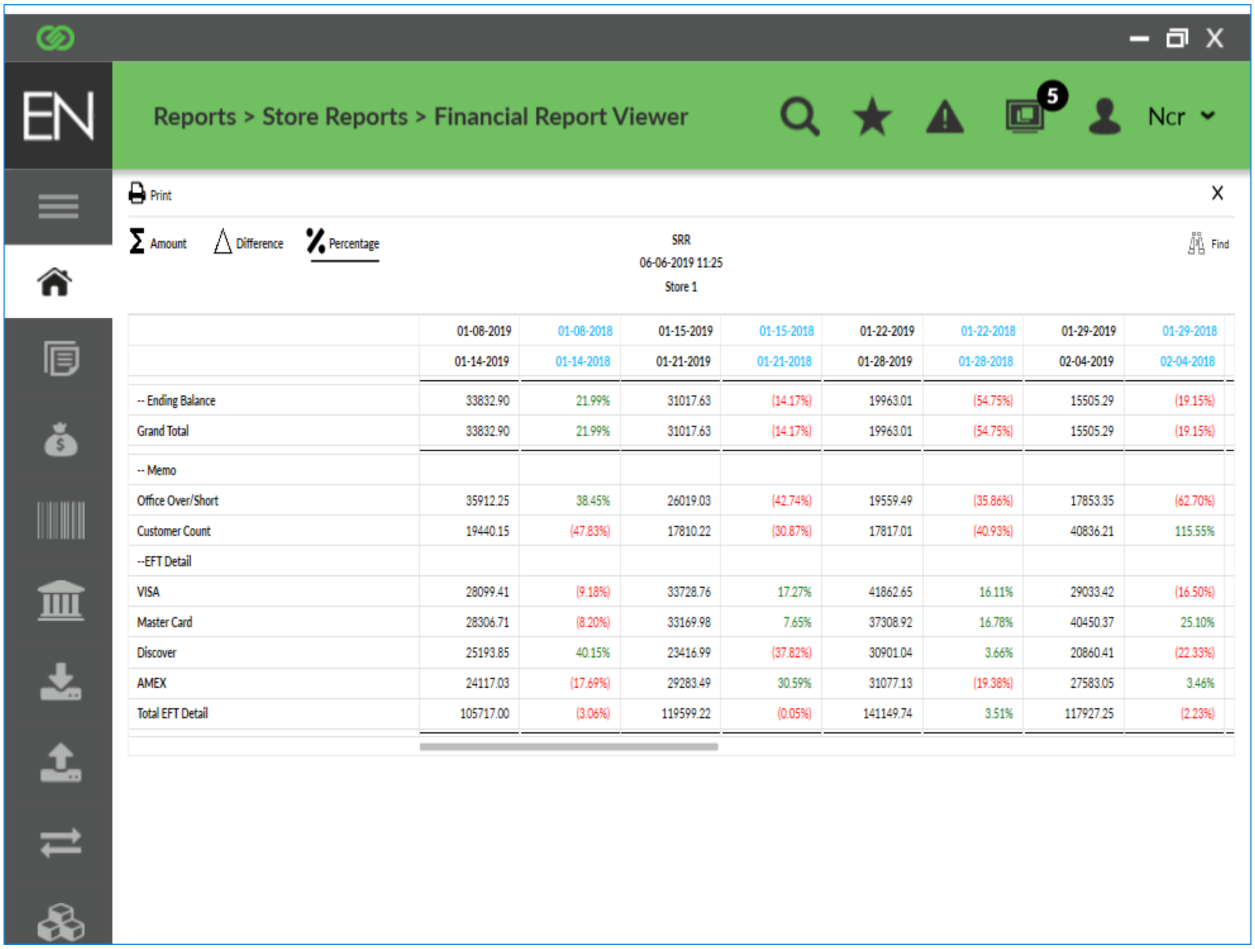


	01-08-2019 01-14-2019	01-08-2018 01-14-2018	01-15-2019 01-21-2019	01-15-2018 01-21-2018	01-22-2019 01-28-2019	01-22-2018 01-28-2018	01-29-2019 02-04-2019	01-29-2018 02-04-2018
-- Ending Balance	33832.90 ↑	27734.06	31017.63 ↓	36138.20	19963.01 ↓	44119.79	15505.29 ↓	19178.20
Grand Total	33832.90 ↑	27734.06	31017.63 ↓	36138.20	19963.01 ↓	44119.79	15505.29 ↓	19178.20
-- Memo								
Office Over/Short	35912.25 ↑	25938.13	26019.03 ↓	45438.97	19559.49 ↓	30495.24	17853.35 ↓	47867.53
Customer Count	19440.15 ↓	37264.57	17810.22 ↓	25762.61	17817.01 ↓	30162.33	40836.21 ↑	18945.41
--EFT Detail								
VISA	28099.41 ↓	30940.71	33728.76 ↑	28760.58	41862.65 ↑	36055.17	29033.42 ↓	34769.81
Master Card	28306.71 ↓	30835.06	33169.98 ↑	30812.68	37308.92 ↑	31949.37	40450.37 ↑	32334.37
Discover	25193.85 ↑	17975.94	23416.99 ↓	37660.98	30901.04 ↑	29811.17	20860.41 ↓	26857.91
AMEX	24117.03 ↓	29299.93	29283.49 ↑	22424.65	31077.13 ↓	38545.52	27583.05 ↑	26659.63
Total EFT Detail	105717.00 ↓	109051.64	119599.22 ↓	119658.89	141149.74 ↑	136361.23	117927.25 ↓	120621.72

Preview with the Amount filter on



Preview with the Difference filter on.



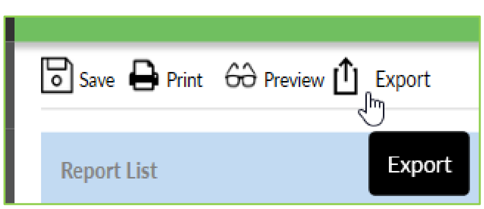
	01-08-2019 01-14-2019	01-08-2018 01-14-2018	01-15-2019 01-21-2019	01-15-2018 01-21-2018	01-22-2019 01-28-2019	01-22-2018 01-28-2018	01-29-2019 02-04-2019	01-29-2018 02-04-2018
-- Ending Balance	33832.90	21.99%	31017.63	(14.17%)	19963.01	(54.75%)	15505.29	(19.15%)
Grand Total	33832.90	21.99%	31017.63	(14.17%)	19963.01	(54.75%)	15505.29	(19.15%)
-- Memo								
Office Over/Short	35912.25	38.45%	26019.03	(42.74%)	19559.49	(35.86%)	17853.35	(62.70%)
Customer Count	19440.15	(47.83%)	17810.22	(30.87%)	17817.01	(40.93%)	40836.21	115.55%
--EFT Detail								
VISA	28099.41	(9.18%)	33728.76	17.27%	41862.65	16.11%	29033.42	(16.50%)
Master Card	28306.71	(8.20%)	33169.98	7.65%	37308.92	16.78%	40450.37	25.10%
Discover	25193.85	40.15%	23416.99	(37.82%)	30901.04	3.66%	20860.41	(22.33%)
AMEX	24117.03	(17.69%)	29283.49	30.59%	31077.13	(19.38%)	27583.05	3.46%
Total EFT Detail	105717.00	(3.06%)	119599.22	(0.05%)	141149.74	3.51%	117927.25	(2.23%)

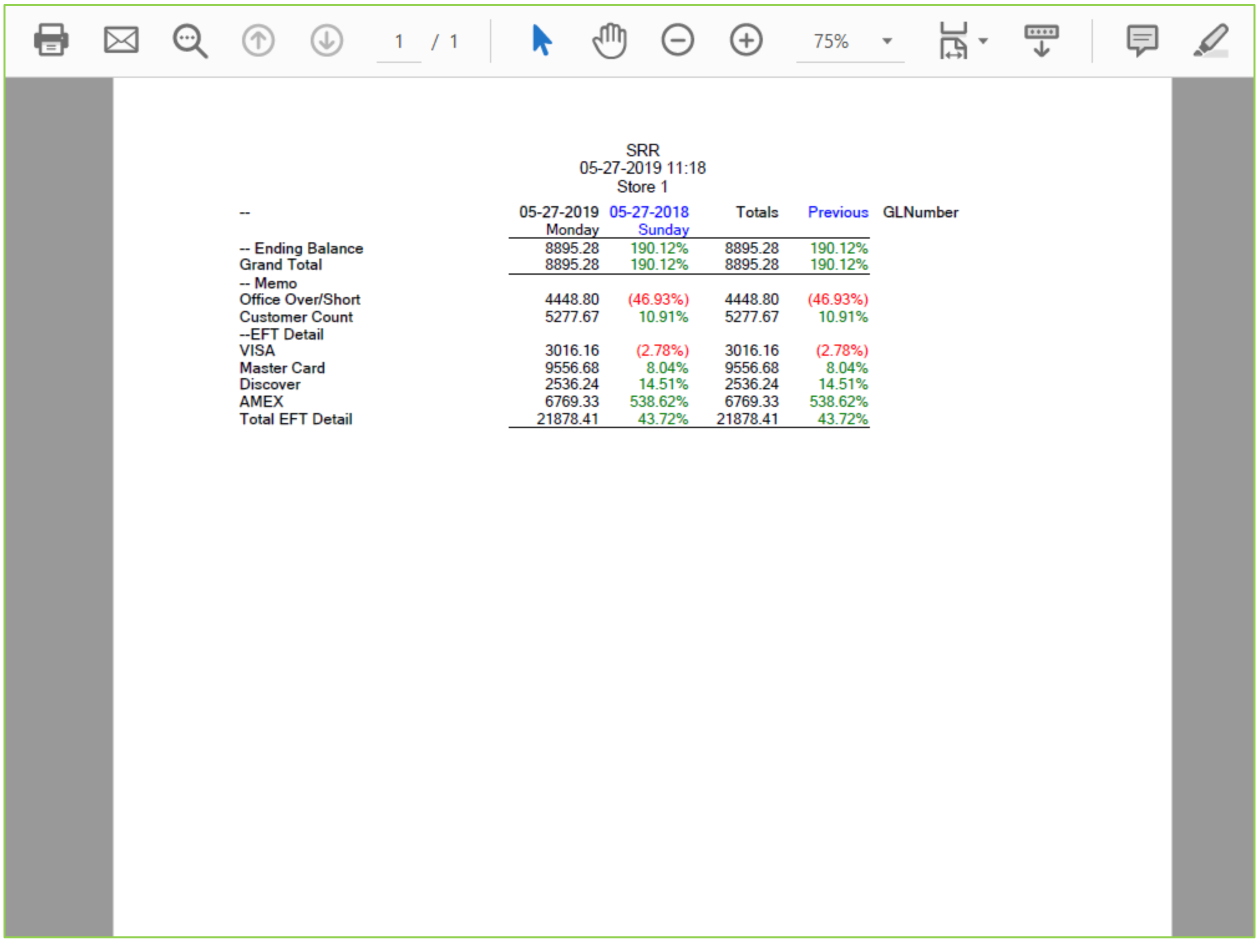
Preview with the Percentage filter on.

To Export (Save) the Report:

Click on the **Export** button, and save the file on the computer. The file can be exportable in the following file formats:

- Excel
- PDF
- DOC
- HTML





SRR
05-27-2019 11:18
Store 1

--	05-27-2019 Monday	05-27-2018 Sunday	Totals	Previous	GLNumber
-- Ending Balance	8895.28	190.12%	8895.28	190.12%	
Grand Total	8895.28	190.12%	8895.28	190.12%	
-- Memo					
Office Over/Short	4448.80	(46.93%)	4448.80	(46.93%)	
Customer Count	5277.67	10.91%	5277.67	10.91%	
--EFT Detail					
VISA	3016.16	(2.78%)	3016.16	(2.78%)	
Master Card	9556.68	8.04%	9556.68	8.04%	
Discover	2536.24	14.51%	2536.24	14.51%	
AMEX	6769.33	538.62%	6769.33	538.62%	
Total EFT Detail	21878.41	43.72%	21878.41	43.72%	

Exported PDF file sample.

ENCOR-2834 – As a user I need to have the totals in the Financial Report Viewer when the Store Open Service Runs

When the Front Office “Store Open” Service is run, it will now clear ENCOR tables as well. This includes tables from ENCOR, ENCORService and ENCORTransaction databases. These are the additional databases that will get cleared along with the ones that already existed in the previous version of the Store Open Application.

Listed below are the tables in the mentioned databases, that will be **cleared**.

ENCORService database
MessageKey
MessagePayload

ENCORTransaction database
CashLift
Coupon
DepartmentSale
Discount
Float
Header
ItemRecord
OfficeTrans
PayoutReceipt
Tax
Tender

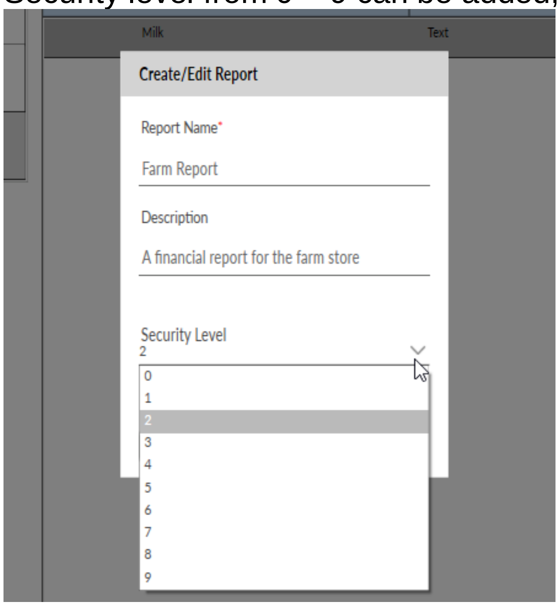
ENCOR database
All dimensional tables (ex. tables that end with **Day**)
ReportPeriod
ReportPeriodAudit
ReportPeriodValue

ENCOR-2533 – As A User Of ENCOR: I Need to Assign a Security Level to The Financial Reports

The security level can now be assigned to a financial report while creating it, using the Financial Report Designer application.

When the users enter the Report Name and Description of the financial report, they will be able to add the security level.

Security level from 0 – 9 can be added, 0 being the lowest and 9 being the highest.

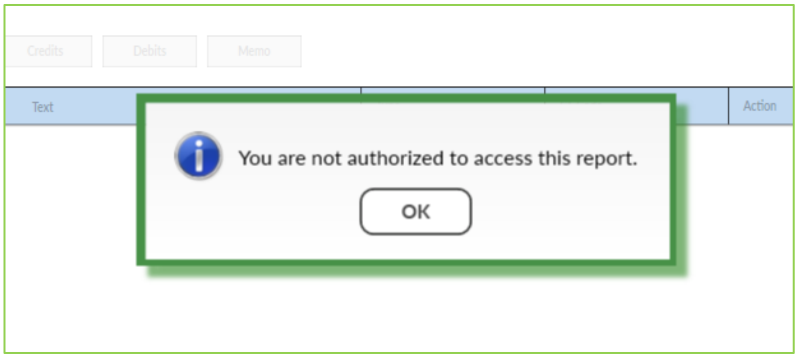


More about this, is provided in the following ENCOR-2663.

ENCOR-2663 – For higher security level report preview, add line, export, copy getting enabled

Certain options will be disabled in the Financial Report Designer, if the user has a lower security level than the report they are trying to access created from a higher level user.

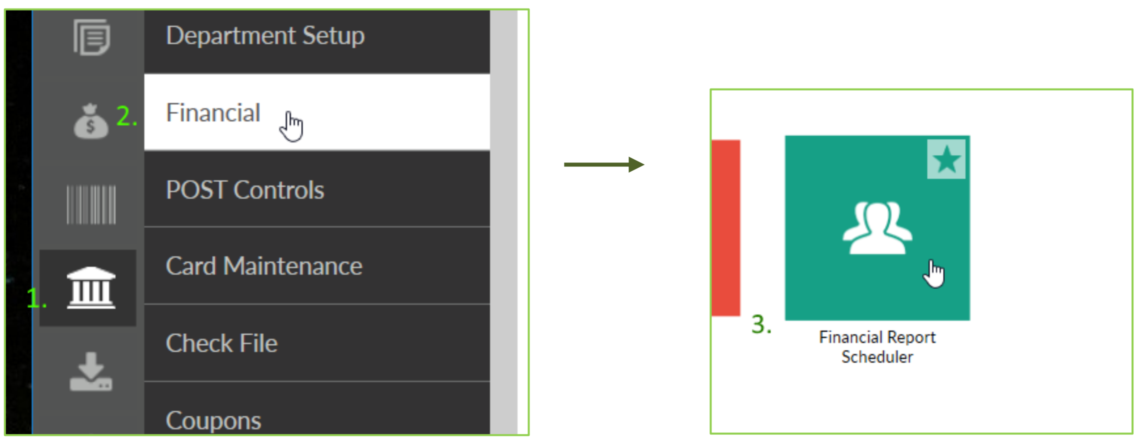
The options that will be disabled are **Preview**, **Add Line**, **Export**, and **Copy**. Reports that are built will have security levels. If a user tries to access a report that was created by a user that has a higher security level, they will see a message "*You are not authorized to access this report*".


Credits
Debits
Memo
Text
Action
You are not authorized to access this report.
OK

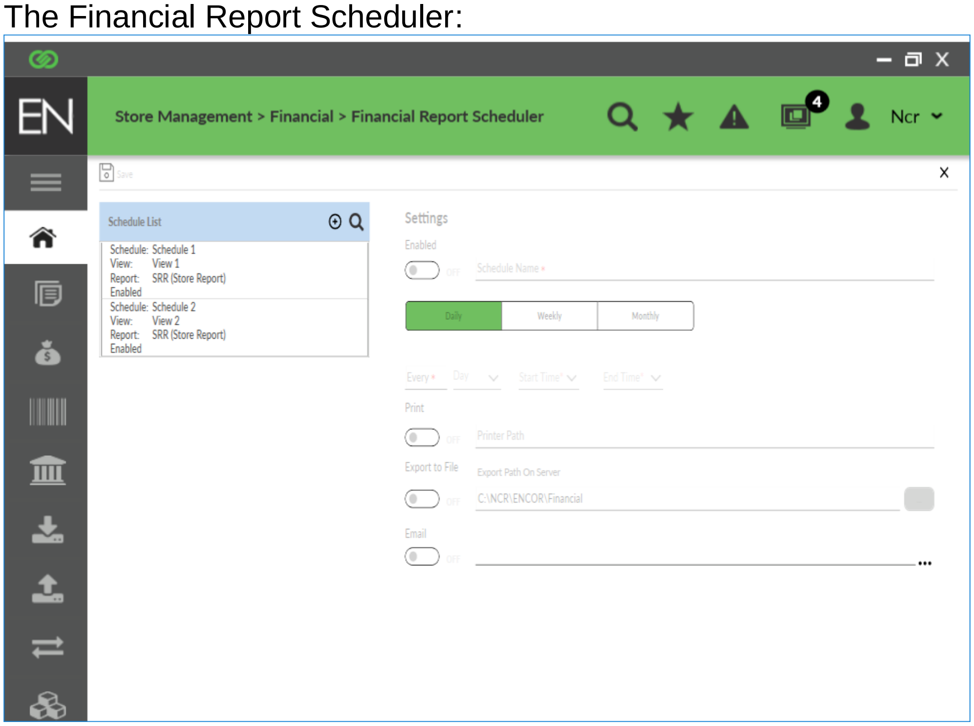
ENCOR-2535 – As A User Of ENCOR: I Require A Screen To Assign A Scheduled Time To Email, Print, Export Financial Report

A new application, Financial Report Scheduler, has been added to ENCOR.
This application will allow users to schedule a financial report that can be emailed, printed or exported. These are the same reports that users create using the Financial Report Designer.

To open the Financial Report Scheduler application, go to the left panel of ENCOR and select **Store Management > Financial > Financial Report Scheduler**:



The Financial Report Scheduler:



In this application, on the left side, is the scheduler list with a search option and a report view selection button.

On the right side is the Settings (main) interface.

In the scheduler list, users can view all the existing schedules that they have created. Users can select these schedulers to edit and delete (if requires).

The search option allows the user to search a scheduler, which can be useful when the list becomes long. The report view selection button is used for selecting a report view in the scheduler creation process.

In the Settings interface of this application, users can add or edit the details of the scheduler to be created or edited. The details include **Schedule Name**, **Schedule Type**, **Export to File**, and **Email**.

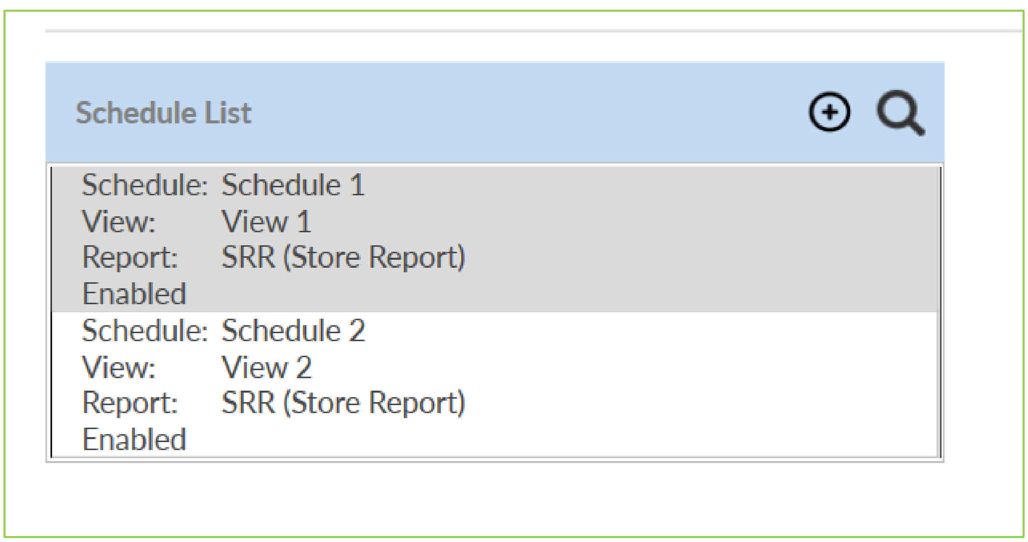
Before using the Financial Report Scheduler, let us gain more knowledge of this application by knowing about its fields.

FIELD DESCRIPTIONS

Save: Click on this button to save the scheduler after creation or editing.

The Save button is on the top-left corner of this application.

Schedule List section and options:

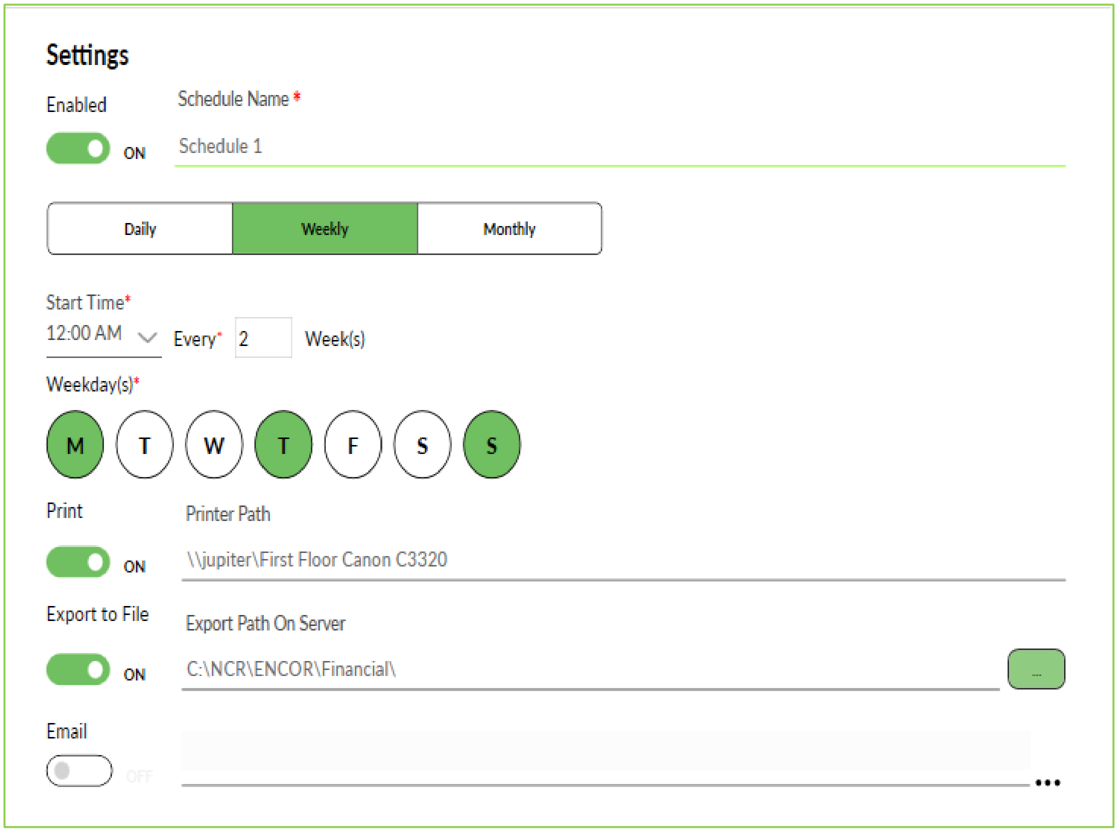


+ (Report View selection): Click on the + (Report View selection) button to select a report view for the scheduler to be created.

Search: Click on the Search button, to search a scheduler from the scheduler list.

X (Remove): Click on the X (Remove) button to delete a scheduler.

Settings Section – Fields and Options:

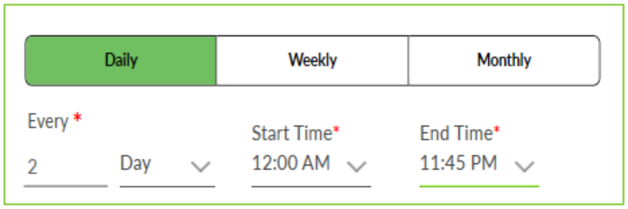


Enabled: The enabled toggle button on the Settings (main) interface, enables and disables the scheduler.

Schedule Name: This is a text field, users need to enter the scheduler name here. This is a mandatory field.

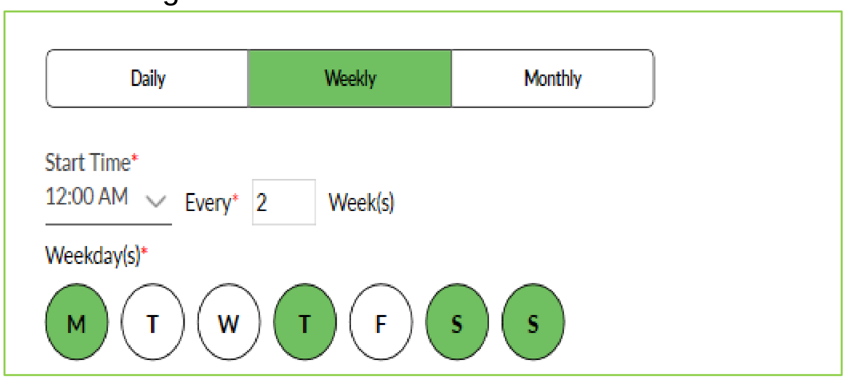
Users can set the scheduler either on daily (hourly as well), weekly or monthly basis, by clicking on the Daily, Weekly or Monthly button, respectively.

- **Daily (or hourly):** If users want to set the scheduler to run daily/hourly, then they need to click on this button. Users will then need to provide mandatory day/hour and time details in the following fields:



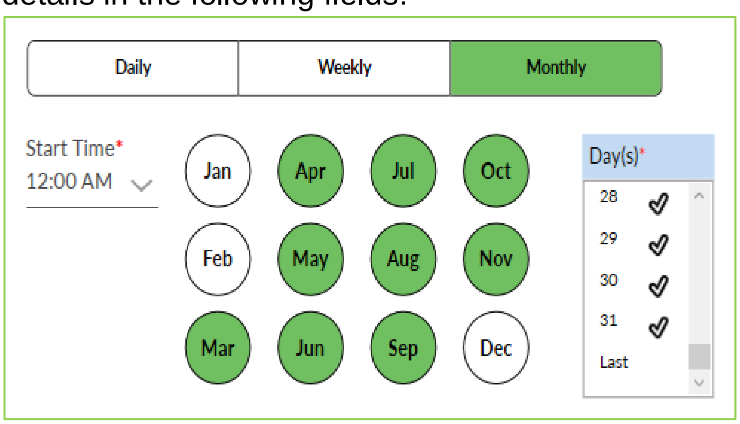
- **Every:** Enter the number of every day/hour, the scheduler needs to run.
- **Day/Hour:** Clicking on this will open a drop-down menu, where users need to select either Day or Hour.
- **Start Time:** Select the start time of the scheduler.
- **End Time:** Select the end time of the scheduler.

- **Weekly:** If users want to set the scheduler to run weekly, then they need to click on the Weekly button. Users then need to provide mandatary time and week details in the following fields:



- **Start Time:** Select the start time of the scheduler.
- **Every:** Enter the number of every week, the scheduler needs to run.
- **Days:** Select the days, the scheduler needs to run on. M is for Monday, T is for Tuesday, and so on.

- **Monthly:** If users want to set the scheduler to run monthly, then they need to click on the Monthly button. After that, users need to provide mandatary time and day details in the following fields:



- **Start Time:** Select the start time of the scheduler.
- **Month(s):** Select the month(s), the scheduler needs to run.

- **Day(s):** Select the day(s) in the month, the scheduler needs to run.

Print: Click on the Print toggle button, to enable the printing option for the scheduler.

Export to File: Click on the Export to File toggle button, to enable the exporting (saving) of the financial report into an Excel (xlsx) file.

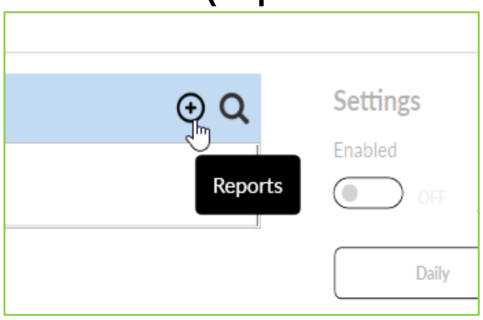
Export Path On Server: This is a text field with a browse button, which only becomes enabled when users enable the **Export to File** button. Users need to enter the export path here or select the export path by clicking on the browse button.

Email: Click on the Email toggle button, to enable emailing the report.

CREATING A SCHEDULER

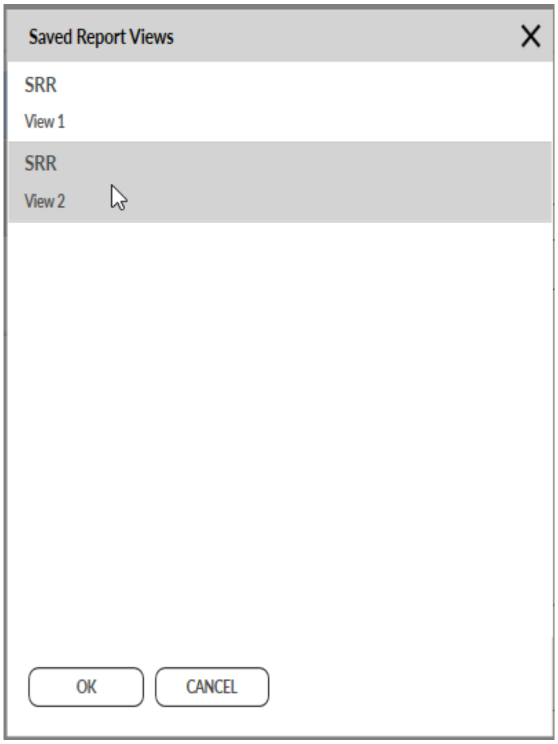
Here are the steps to create a new scheduler using this Financial Report Scheduler application.

1. Click on the **+ (Report View Selection)** button, to select the report view.

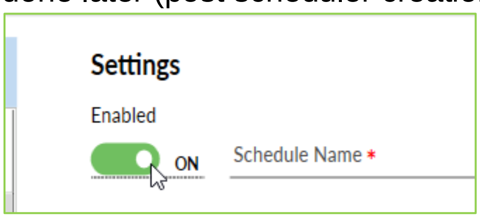


Note: This report view selected for creating a scheduler, is created using the Financial Report Viewer application. It is important that users create the report views in the Financial Report Viewer application, before starting to create a scheduler.

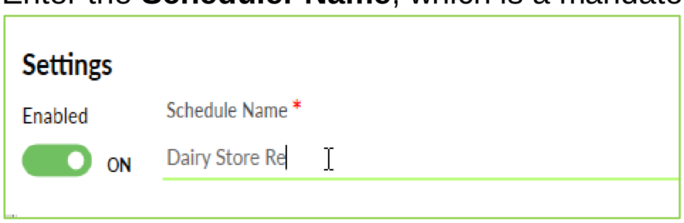
2. A small **Saved Report Views** window will open. Here users can select a report to view, and click on the **OK** button.



3. Click on the **Enabled** toggle button, to enable the scheduler. This option can be done later (post scheduler creation), but the scheduler will not run until it is enabled.

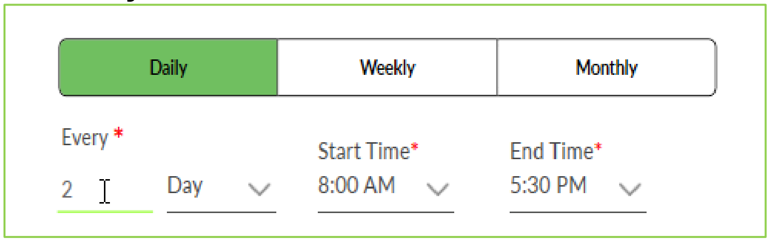


4. Enter the **Scheduler Name**, which is a mandatory field.

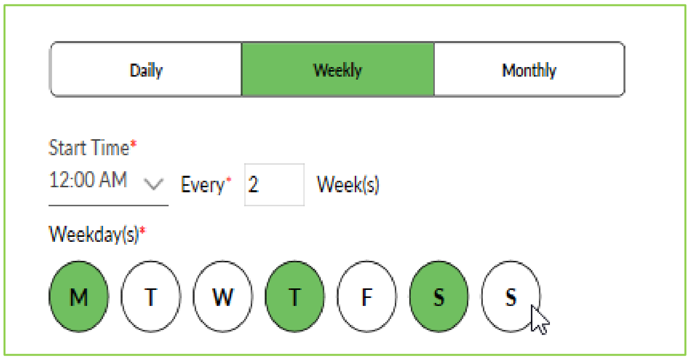


5. Select anyone of the scheduler types from the available options: **Daily**, **Weekly**, and **Monthly**, and then do the following:
   Daily: By default, this scheduler type will be selected. If users want to keep this option, then they need to enter the **number of every Hour/Day**, and select

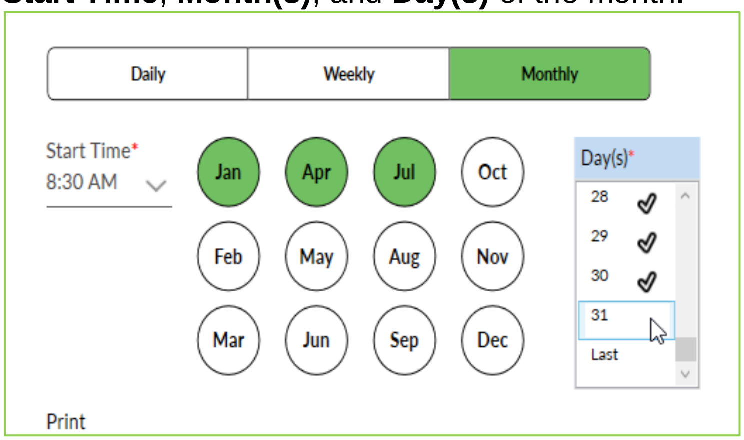
Hour/Day, **Start Time**, and **End Time**, that the scheduler needs to run.



Weekly: If users select the scheduler type as Weekly, then they also need to select **Start Time**, enter the **number of every week(s)**, and select **Day(s)** of the week, the scheduler needs to run.

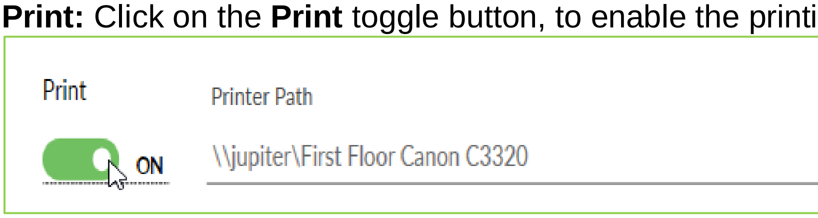


Monthly: If users select the scheduler type as Monthly, then they also need to select **Start Time**, **Month(s)**, and **Day(s)** of the month.



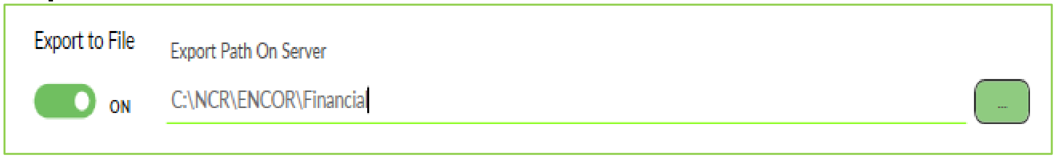
6. The users must now setup **Print, Export to file**, or **Email** for the scheduler, in the following way:

Print: Click on the **Print** toggle button, to enable the printing option.

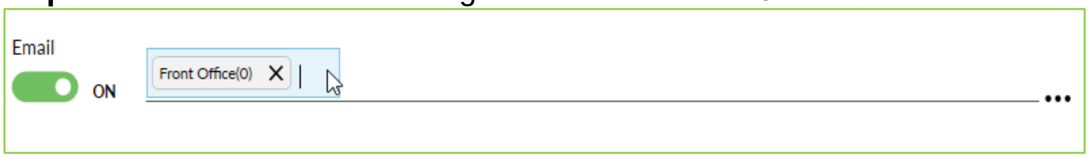


Users can see the printer path of the default printer, which is installed on the system.

Export to File: Click on the **Export to File** toggle button, to enable the exporting of the financial report to a file. Select the path where the file is to be exported, by entering it in the **Export Path On Server** text-field, or by browsing it after clicking the **ellipsis** button.



Email: Click on the **Email** toggle button, to enable the emailing of the financial report. Then, select the recipients by entering their name, or by clicking on the **ellipsis** button and then selecting them from the **User/Role Selection** window.



Notes:

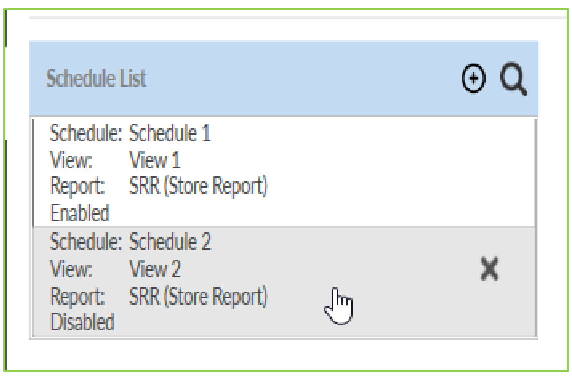
- The email option cannot be enabled, if it is already disabled from the System Options application.

7. Go to the top-left corner of the application, and click on the **Save** button.

EDITING AN EXISTING SCHEDULE

Editing an existing scheduler, is largely like creating a scheduler, as provided in the previous section (Creating a Scheduler). Here are the steps users need to follow for editing:

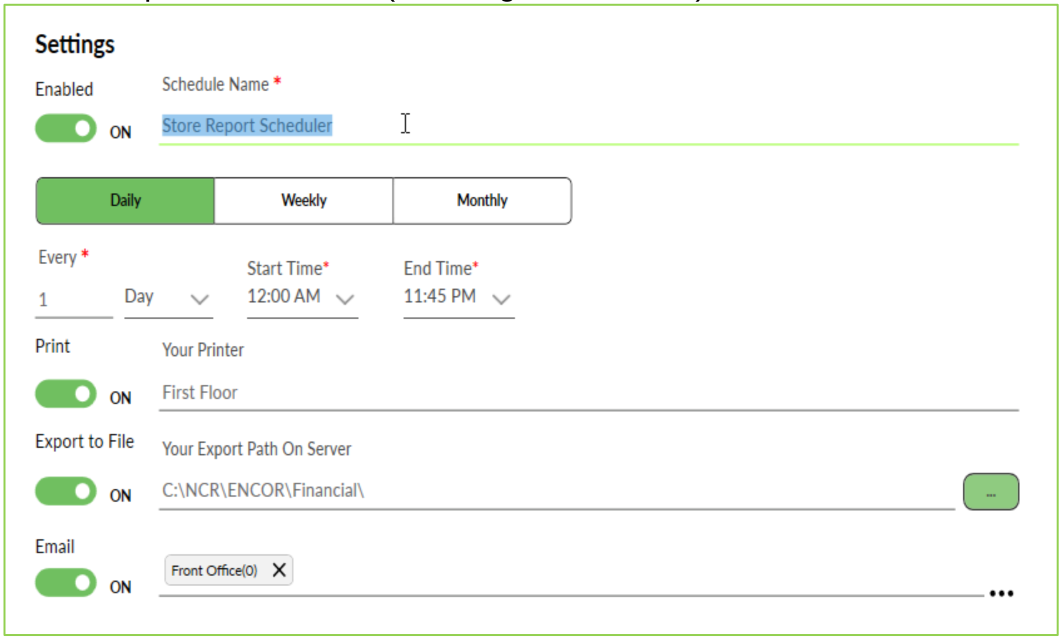
1. Select a **scheduler** from the Scheduler list.



Note: If users cannot find the schedule, then they can search for it using the search option, by entering the schedule name.

2. Go to the Settings screen, edit the required details, like **Schedule Name, Enable the scheduler, scheduler type**, and more. For more details go through the steps 3

– 6 of the previous section (Creating a Scheduler).

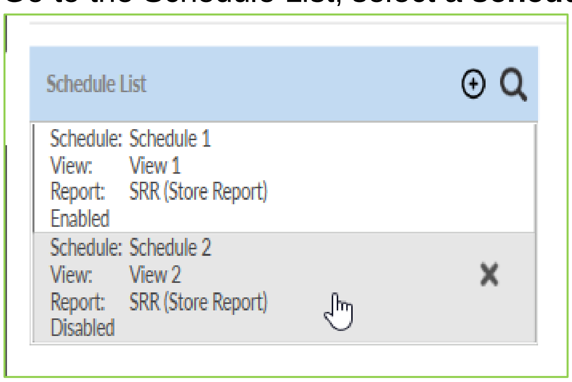


3. After making the required changes in the scheduler, go to the top-left corner of the application, and click on the **Save** button.

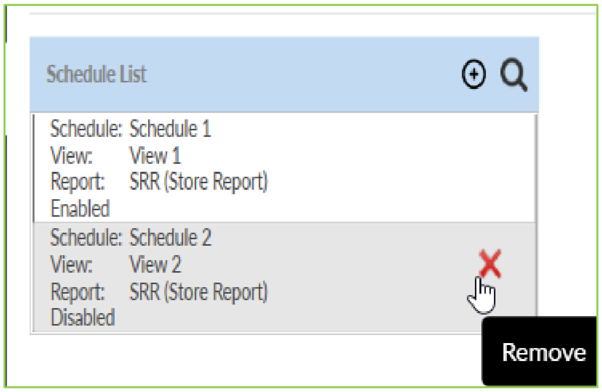
DELETING AN EXISTING SCHEDULE

If users need to delete an existing schedule from the Scheduler List, then users need to do the following:

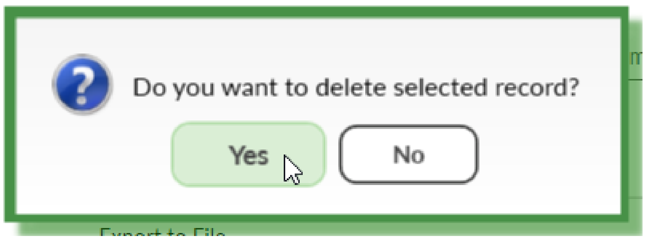
1. Go to the Schedule List, select a **schedule** to delete.



2. Click on the **X (Remove)** button. A confirmation message will open asking yes to no to delete.

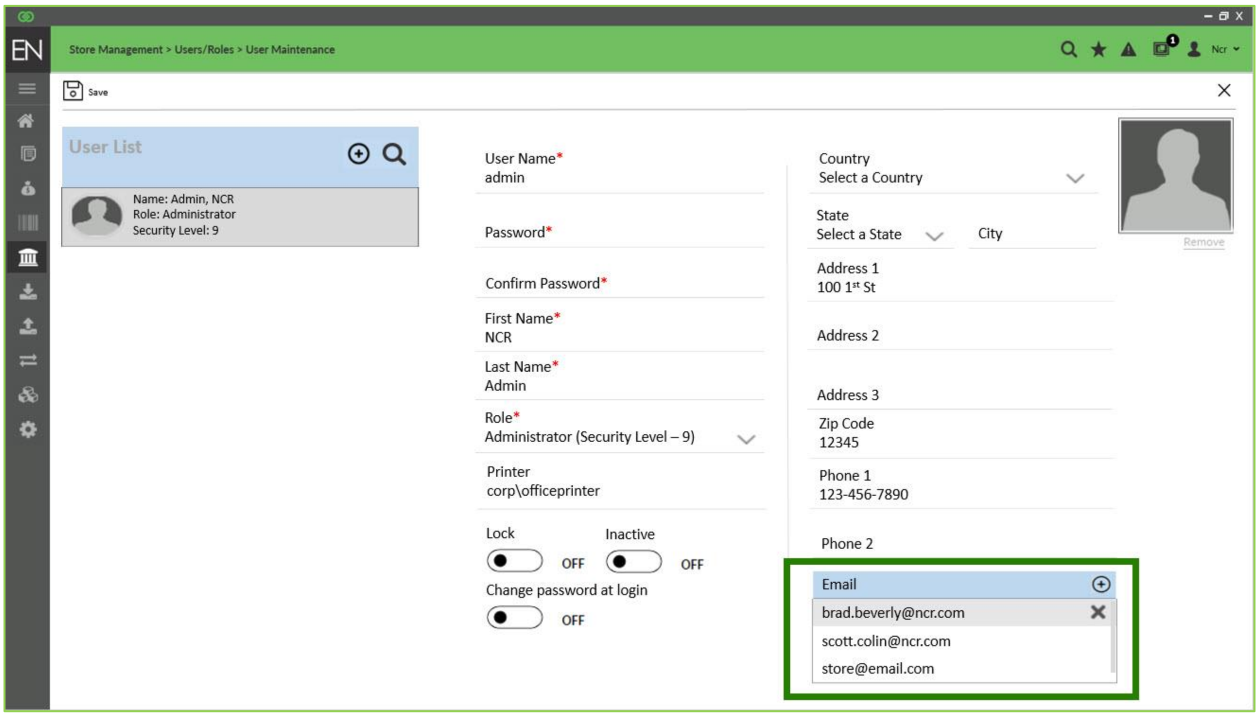


3. Click on the **Yes** button.

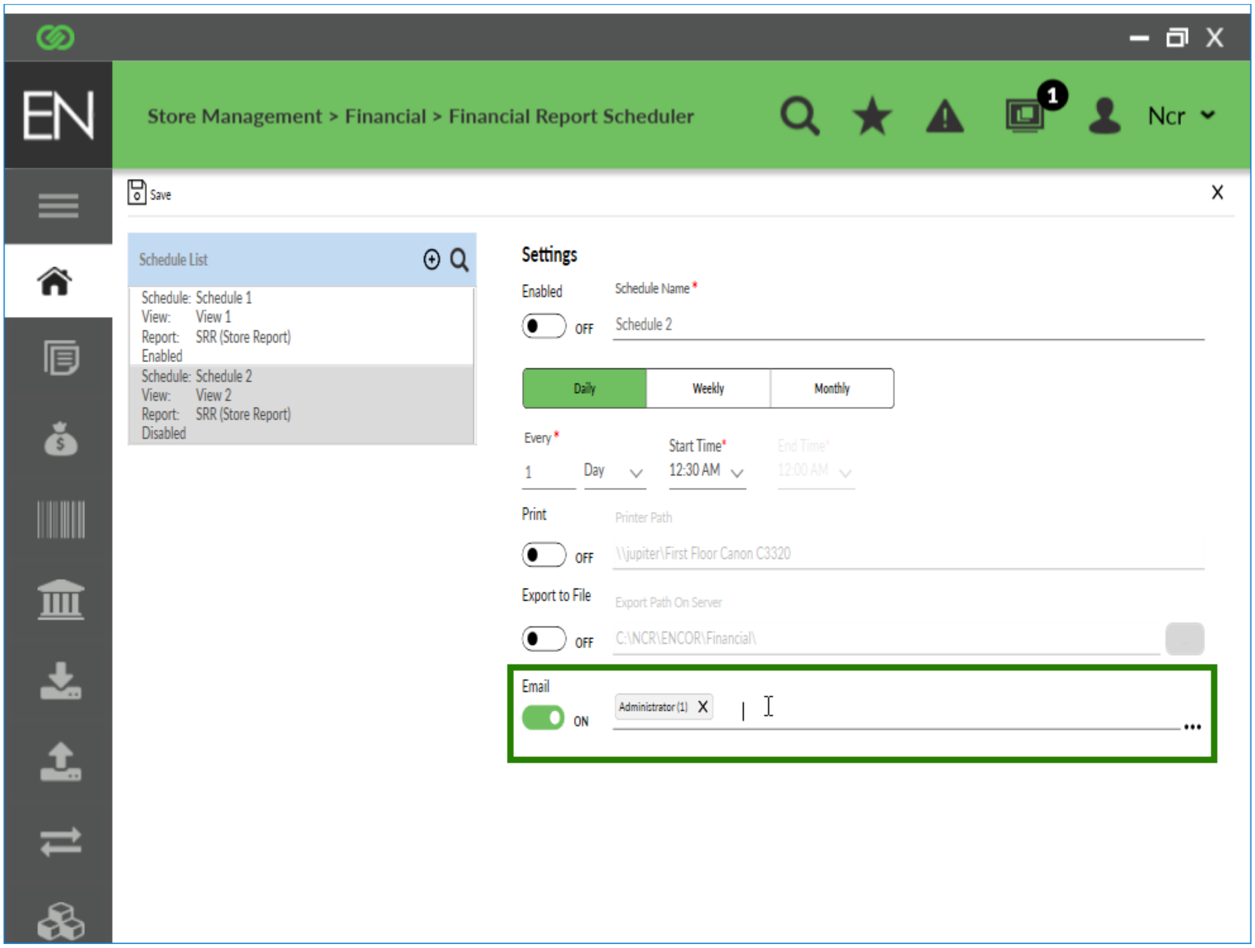


ENCOR-2534 – As A Financial Report User of ENCOR: I Require Additional User Information to Receive Scheduled Reports

In the **User Maintenance** application, for new and/or existing users, email addresses can now be added.



In the Financial Report Scheduler, this will allow users to schedule the report for emailing just by selecting the Users/Roles. The selected Users/Roles email addresses will automatically add in the scheduler.


EN
Store Management > Financial > Financial Report Scheduler
Ncr
Save
Schedule List
Schedule: Schedule 1
View: View 1
Report: SRR (Store Report)
Enabled
Schedule: Schedule 2
View: View 2
Report: SRR (Store Report)
Disabled
Settings
Enabled
OFF
Schedule Name *
Schedule 2
Daily
Weekly
Monthly
Every *
1
Day
Start Time*
12:30 AM
End Time*
12:00 AM
Print
OFF
Printer Path
\\jupiter\First Floor Canon C3320
Export to File
OFF
Export Path On Server
C:\NCR\ENCOR\Financial\
Email
ON
Administrator (1)

ENCOR-2539 – As A User Of ENCOR: I Require a Service to Execute Scheduled Tasks

A service to execute scheduled tasks has been added to ENCOR. Scheduled tasks will be executed based on the definition saved in the Financial Report Scheduler application.

The following settings can be configured by the users in a config file, ENCOR.TaskService.exe.config, which in installed in C:\NCR\ENCOR root folder:

1. <add key="interval" value="30" /> - Time for polling tasks. Default value is 30 secs.
2. <add key="maxtasks" value="100" /> - Max no of tasks that can be processed by Task scheduler. Default value is 100 tasks.
3. <add key="maxretries" value="3" /> - Max no of retried for failed tasks. Default value is 3 retries.

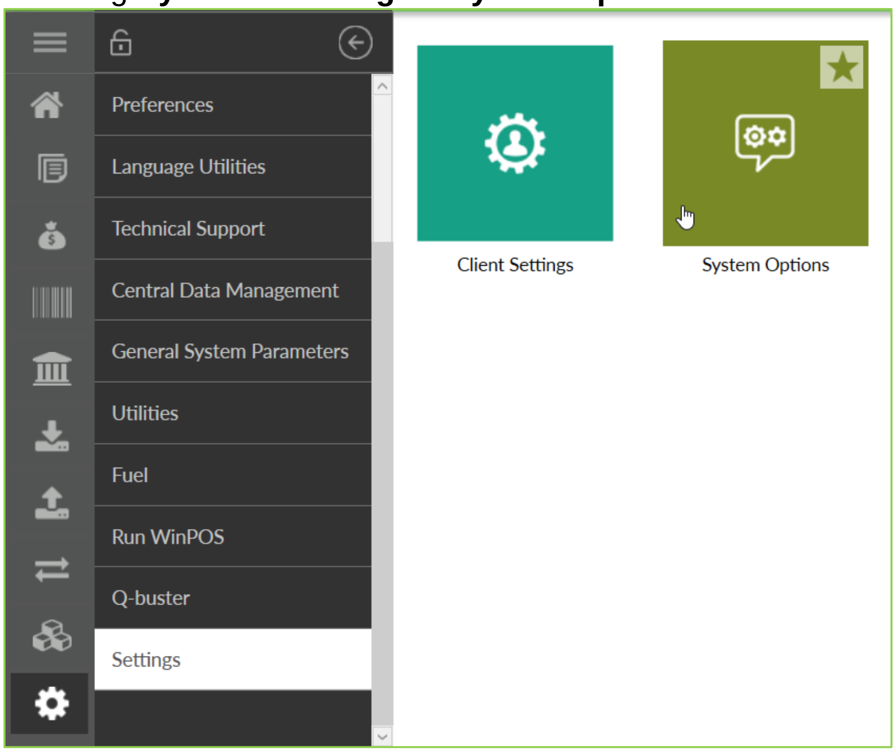
This service will be incorporated with the ENCOR installation.

ENCOR-2538 – As A User Of ENCOR: I Require System Options for Email Setup

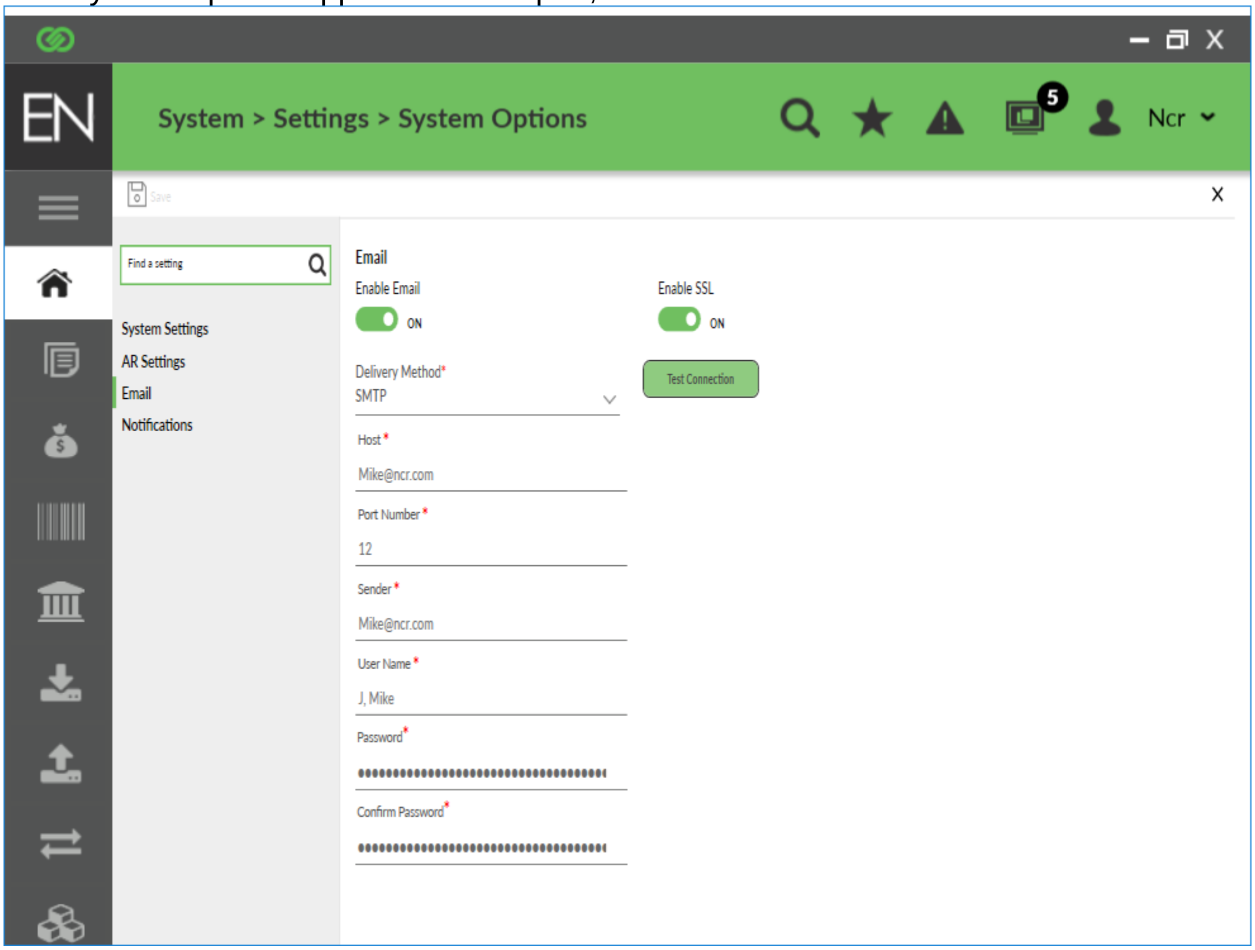
A new settings screen 'Email' has been added in the **System Options** application. It allows users to configure the email details that further allows the users to email throughout the applications of ENCOR.

To configure the Email settings:

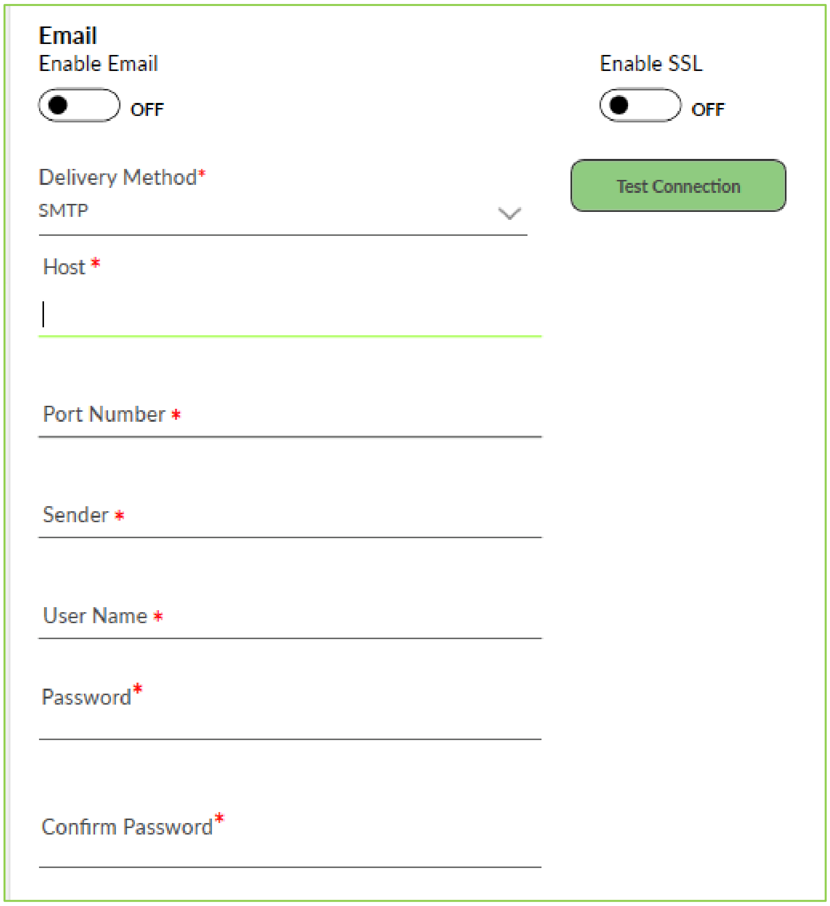
Open the System Options application, by going to the left panel of ENCOR, and selecting **System > Settings > System Options**.



The System Options application will open, as can be seen in the screenshot below.



FIELD and Field DESCRIPTIONS:



All the fields are **mandatory** to configure Email Option.

Enable Email: Click on the Enable Email toggle button, to enable or disable the email option throughout the applications of ENCOR.

Enable SSL: Click on this toggle button, to enable or disable the SSL in email.

Delivery Method: Delivery Method is a drop-down menu, by clicking on it, users can select a delivery method. Currently users can only select the SMTP option, but future releases may include more options.

Host: Enter the host address.

Port Number: Users need to enter the port number. The port number cannot exceed the value 9999.

Sender: In this field, enter the sender's email address.

User Name: Enter the user name here.

Password: Enter the password, the password must contain at least 8 characters.

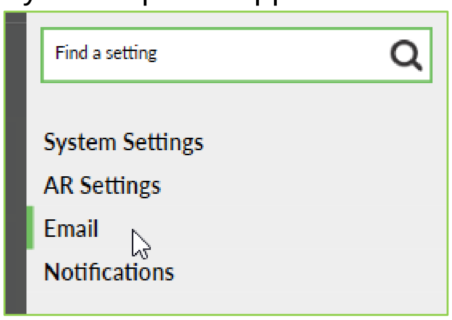
Confirm Password: In this field, users need to enter the same password that they entered in the Password (previous) field.

Test Connection: Click on the Test Connection button, to check whether the entered email configurations are correct or not. This will send a notification email, stating if the connection is successful.

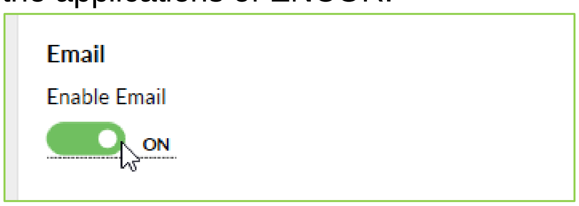
CONFIGURING THE EMAIL SETTINGS

Below are the steps to configure the email settings:

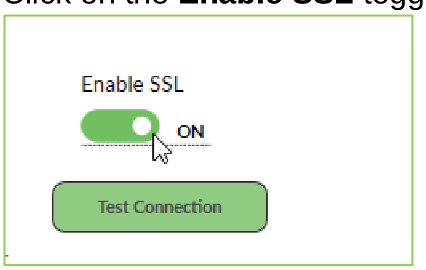
1. To open the Email settings screen, select the **Email** option from the left panel of this System Options application.



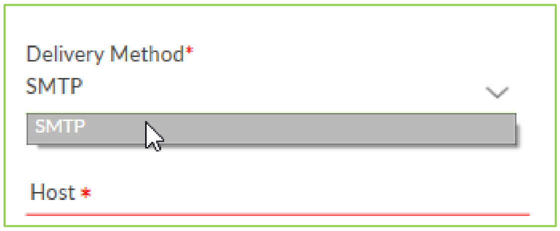
2. Click on the **Enable Email** toggle button, to enable the emailing feature throughout the applications of ENCOR.



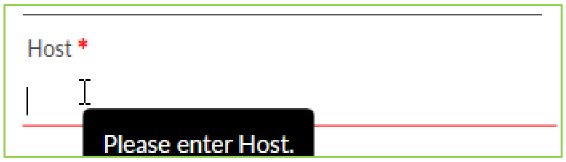
3. Click on the **Enable SSL** toggle button to enable SSL.



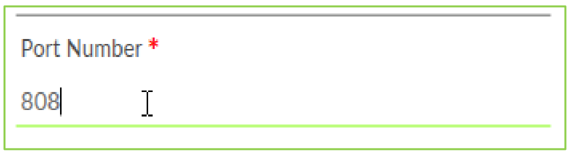
4. Select a **Delivery Method**. By default, SMTP will be selected, currently this is the only option available.



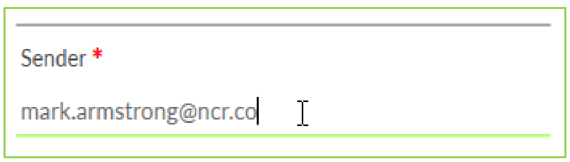
5. Enter the **Host address** in the Host text field.



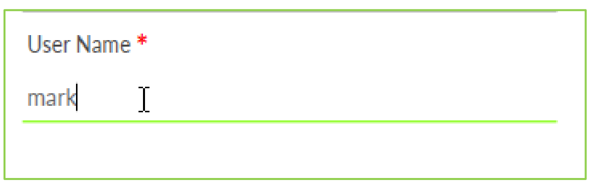
6. Enter the **Post Number** in the Post Number text field. The post number cannot exceed the value 9999.



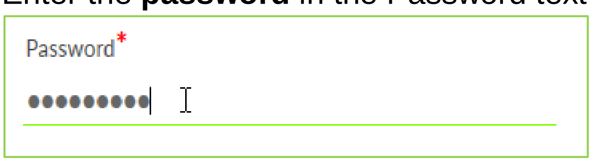
7. Enter the **email address** in the Sender text field.



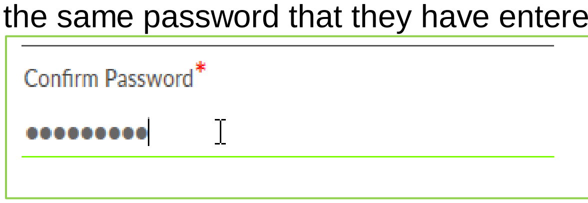
8. Enter the **user name** in the User Name text field.



9. Enter the **password** in the Password text field.



Enter the **confirm password** in the Confirm Password text field. Users need to enter the same password that they have entered above in the Password text field.



Note: Users can check the provided email configurations are correct or not, by clicking on the **Test Connection** button. A message will appear which shows the connection is successful, and a notification email will be sent, stating the connection is successful.

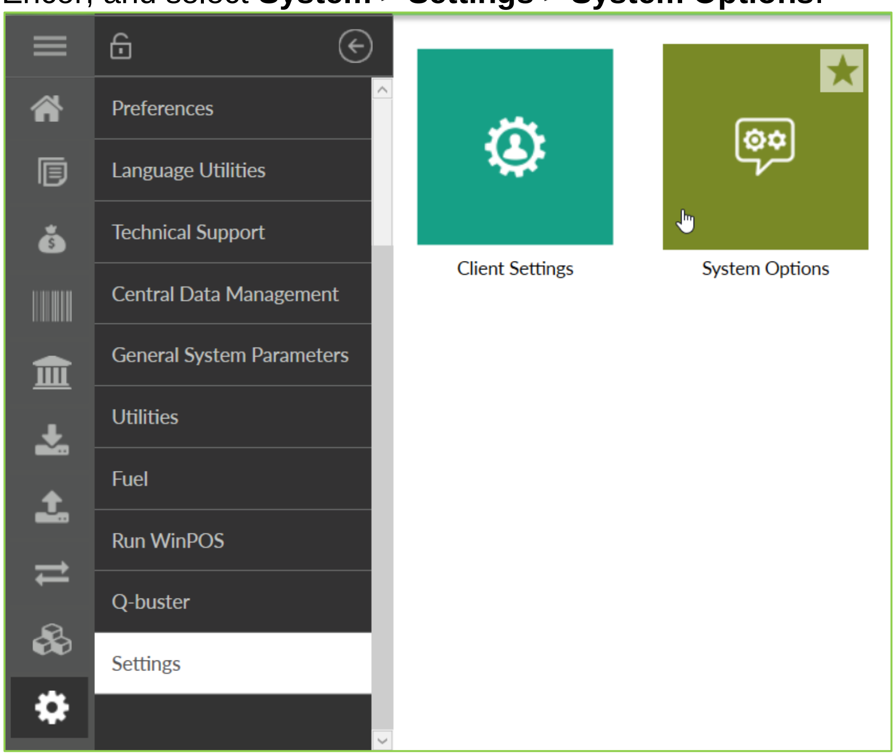
10. Go to the top-left corner, and click on the **Save** button.

It is to be noted that users need to save changes, before switching to the other settings screen.

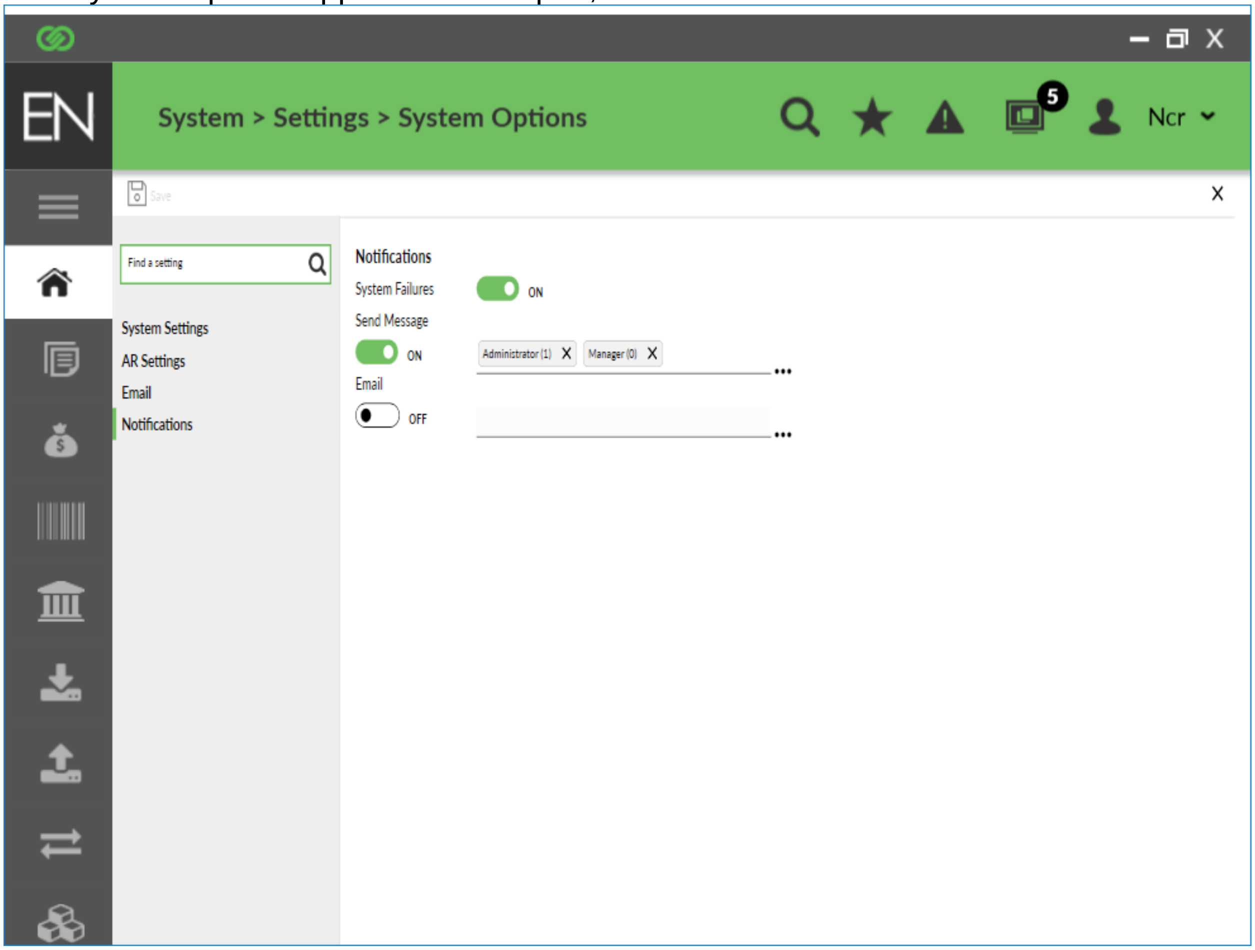
ENCOR-2540 – As a User Of ENCOR: I Require a Screen to Define Notification Settings

A new settings screen ‘Notifications’ has been added in the System Options application. It allows users to send the notifications via message or email, when a system encounters a failure. In case of sending email, it is to be noted that users cannot send email notifications, if they have disabled email in the Email settings.

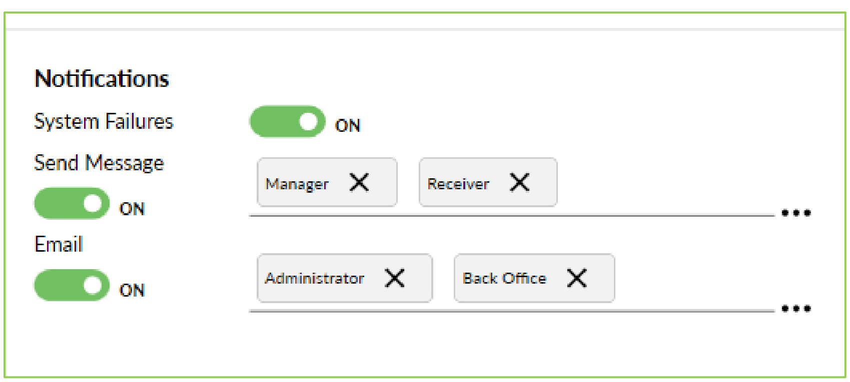
To setup the notifications, open the System Options application. Go to left panel of the Encor, and select **System > Settings > System Options**.



The System Options application will open, as can be seen in the screenshot below.



FIELD DESCRIPTIONS:



System Failures: Click on the System Failures toggle button, to turn system failures notifications on or off.

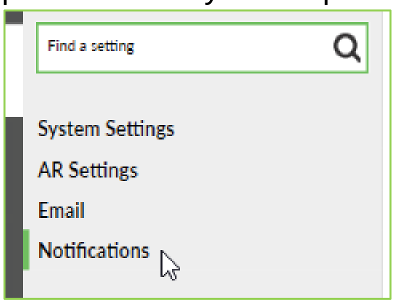
Send Message: Click on this toggle button, to turn send message on or off. After turning on, users will be able to select the Users/Roles by entering the name, or by browsing by clicking the Ellipsis button

Email: Click on this toggle button, to enable or disable the email option. After turning on, users will be able to select the Users/Roles by entering the name, or by browsing by clicking the Ellipsis button

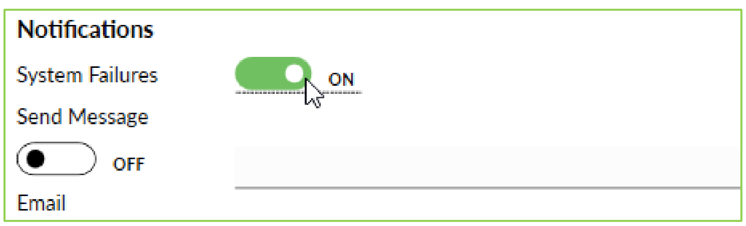
SETTING UP NOTIFICATIONS FOR SYSTEM FAILURE

Here are the steps to follow.

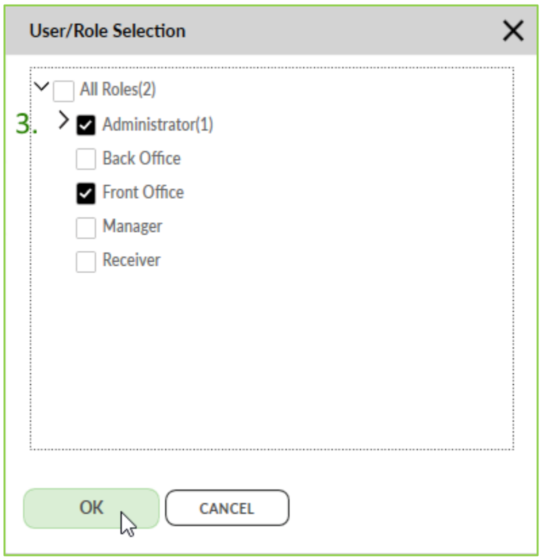
1. To open the Notifications settings screen, click on the **Notifications** option in the left panel of this System Options application.



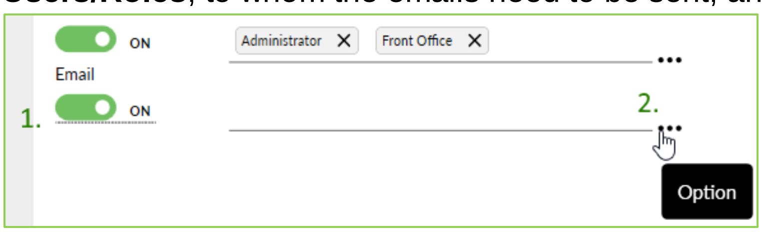
2. Click on the **System Failures** toggle button, to enable or disable the system failure notification.

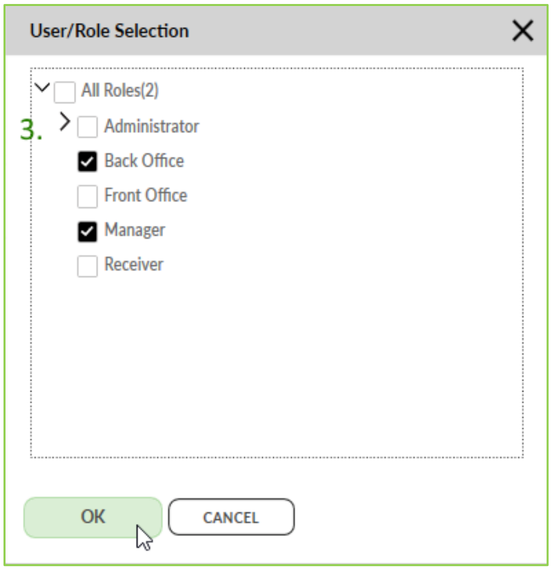


3. Click on the **Send Message** toggle button, to allow or disallow sending of the messages. After that, click on the **Ellipsis** button, and a small User/Role Selection window will open. Select the **Users/Roles**, to whom the messages need to be sent, and then click on the **OK** button.



4. Click on the **Email** toggle button, to allow or disallow emailing. After that, click on the **Ellipsis** button, and a small User/Role Selection window will open. Select the **Users/Roles**, to whom the emails need to be sent, and then click on the **OK** button.





Note: The Email toggle button will be disabled, if the users have already disabled email in the Email settings.

5. Go to the top-left corner and click on the **Save** button.

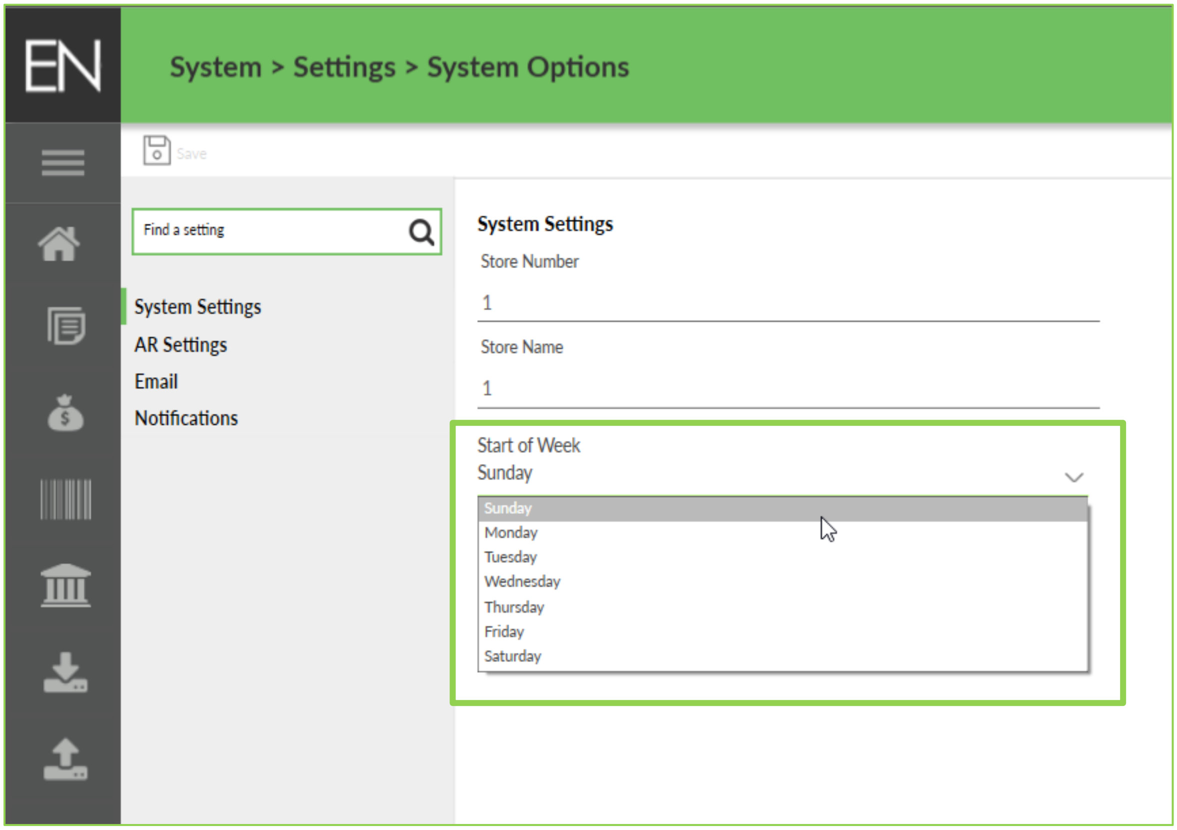
It is to be noted that users need to save changes, before switching to the other settings screen.

ENCOR-2526 – As A User of ENCOR: I Need A Way To Apply The Starting Day Of The Week To My Financial Reports

The starting day of the week has been applied to the financial reports. A new default date record for the SysOption table has been added. The changes have been made in the System Options application.
More details are provided in the following ENCOR-2537.

ENCOR-2537 – As A User of ENCOR: I Need A Way To Define The Starting Day Of The Week

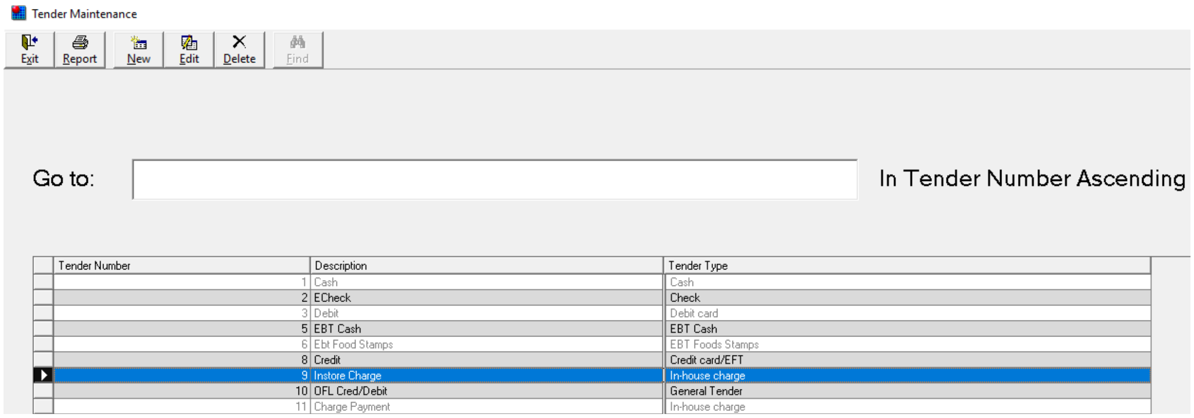
To define the starting day of the week, go to **System > Settings > System Options > System Setting**. A new Start of Week combo box has been added. When the application opens, the combo box displays the current Start of Week selection. The combo box displays the following selections: Sunday, Monday, Tuesday, Wednesday, Thursday, Friday and Saturday.



ENCOR-2549 – As a User, I Need the Ability to Define, Through System Options, All Required Mappings for a Payment to Affect Safe Accountability in the Front Office.

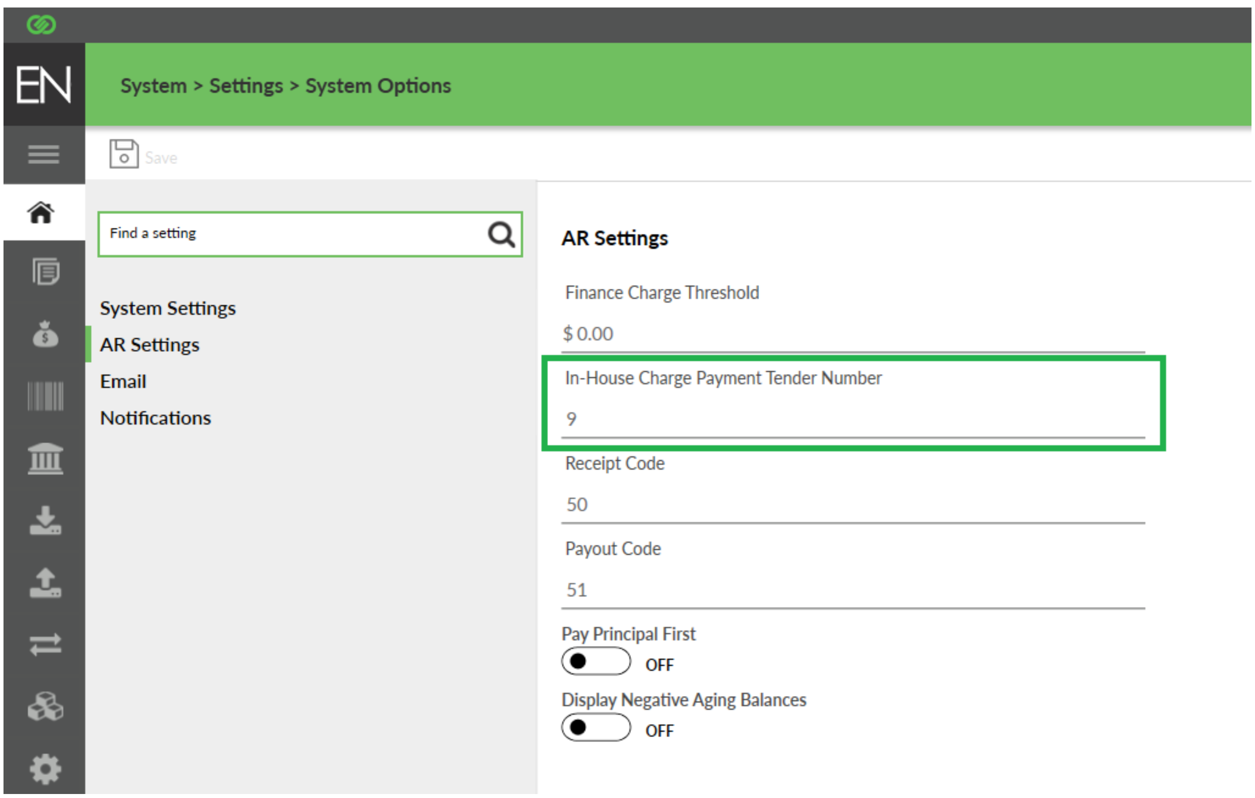
AR Settings, in the System Options, will allow users to do the required mappings. The users need to enter the details in the *In-House Charge Payment Tender Number*, *Receipt Code* and *Payment Code* fields. Setting up the 3 fields in the System Options AR Settings allows the ENCOR users to track the total amount of Payouts and Receipts linked to the Accounts Receivable customers.

The In-House Charge Payment Tender is set up in the Tender Maintenance application.



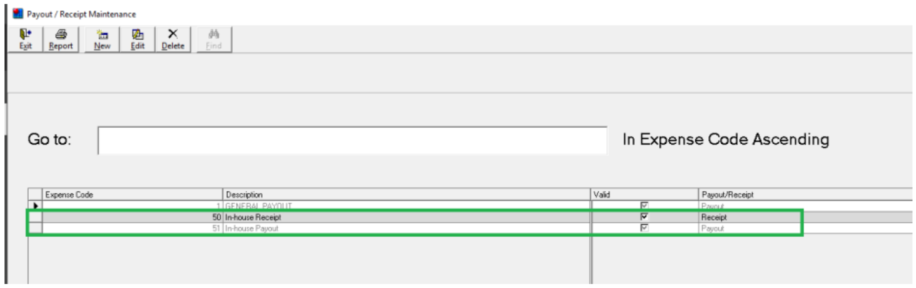
Tender Number	Description	Tender Type
1	Cash	Cash
2	ECheck	Check
3	Debit	Debit card
5	EBT Cash	EBT Cash
6	Ebt Food Stamps	EBT Foods Stamps
8	Credit	Credit card/EFT
9	Instore Charge	In-house charge
10	OFL Cred/Debit	General Tender
11	Charge Payment	In-house charge

Then Instore Charge tender is then mapped to the System Options In-House Charge Payment Tender Number.

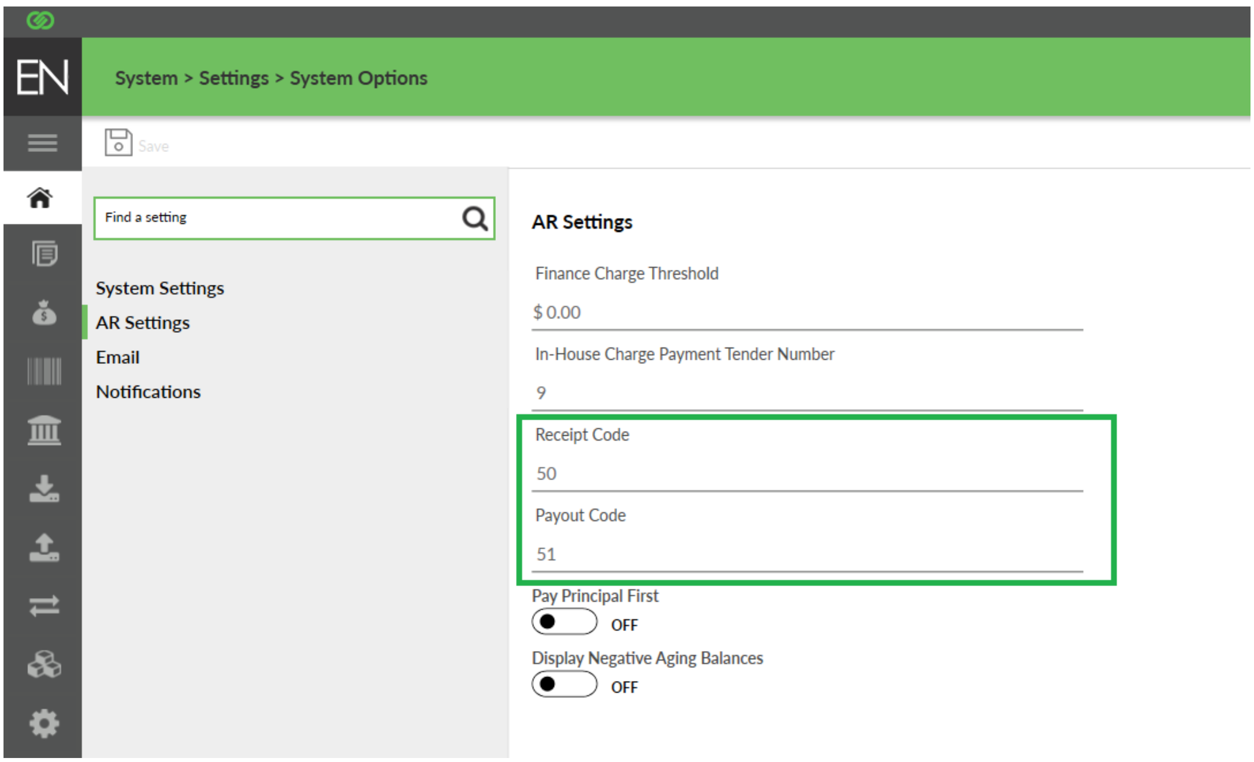


The Receipt Code and Payout Code must first be set up in the Payouts/Receipts application.

Payouts/Receipts



Once the Receipt Code and Payout Code are defined in the Payouts/Receipts application, these values will then need to be mapped to the following options in the System Options under the AR Settings.

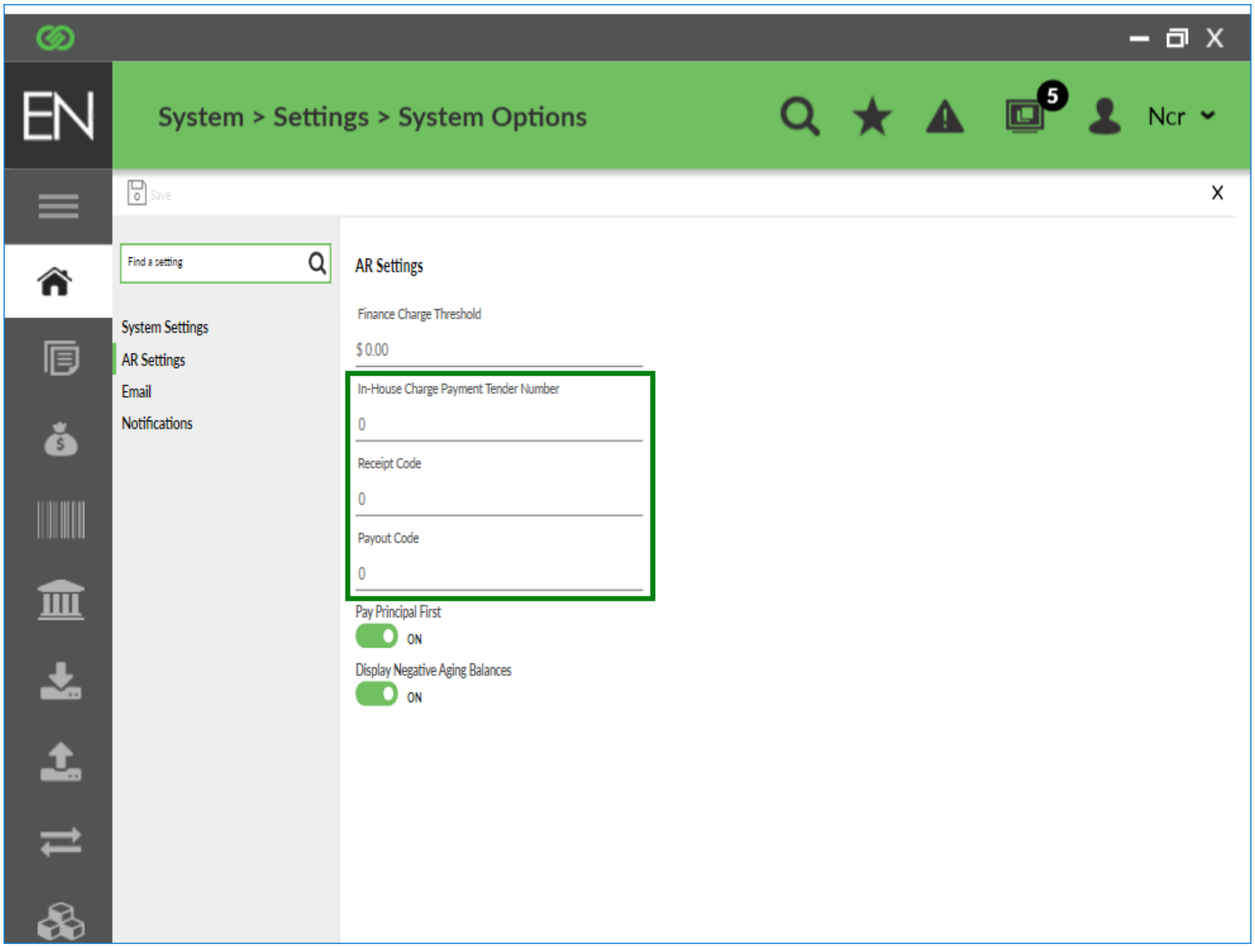


The current mappings and a few additional mappings will be stored in the SysOption table.

More details are provided in the following 2760.

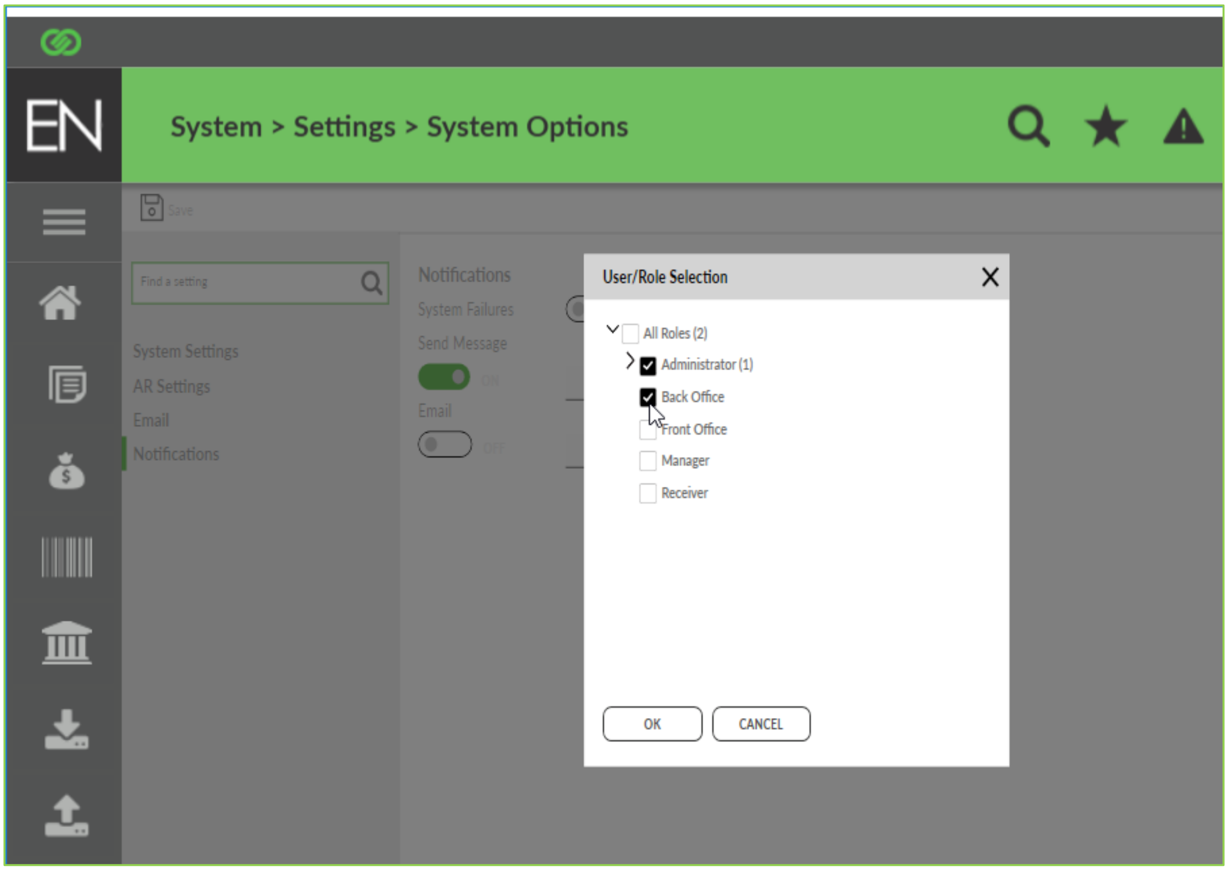
ENCOR-2760 – As a user, I need 3 new fields in AR settings (Tender Number, Receipt Code and Payout code)

Three new fields, namely Tender Number, Receipt Code and Payout Code, have been added in the AR Settings of the System Options application. In the Tender Number field, the user needs to enter a value between 1-99. In Receipt Code field, the user needs to enter a value between 1-50. In the Payout Code field, the user needs to enter a value between 1-51.



ENCOR-2559 – As a User of ENCOR: I Require a Screen to Select Users/Roles to be Assigned to Settings

A User/Role selection dialogue box has been added in the various applications of ENCOR. This dialogue box allows users to select Users/Roles to be assigned, per the application requirement, like the **Notifications** screen in **System Options** for sending messages and emails.

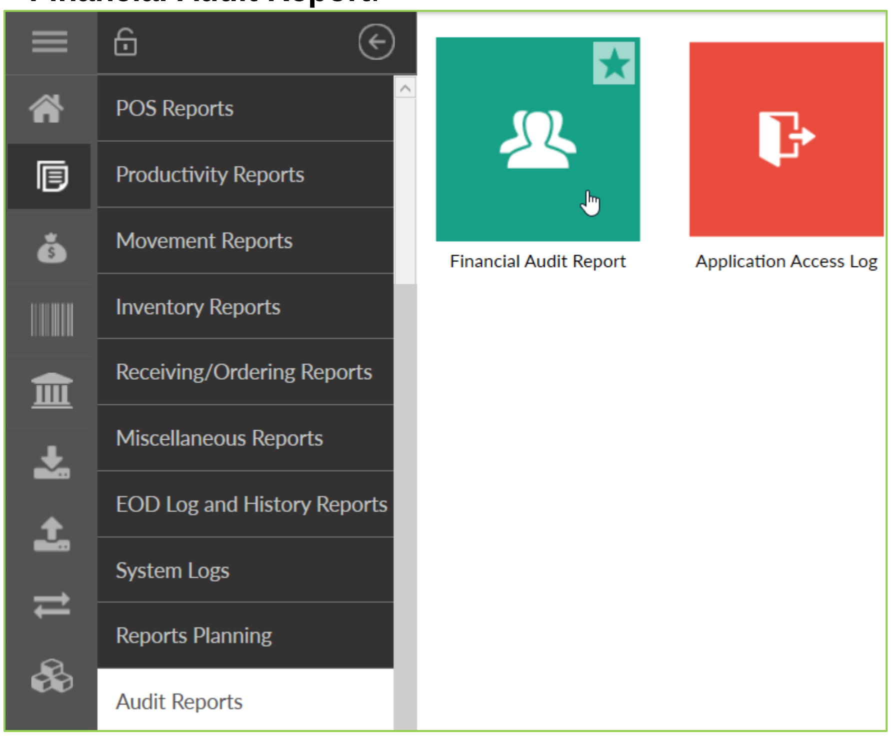


ENCOR-2698 – As A User Of ENCOR, I Need A Report To Display The ReportPeriodAudit Table

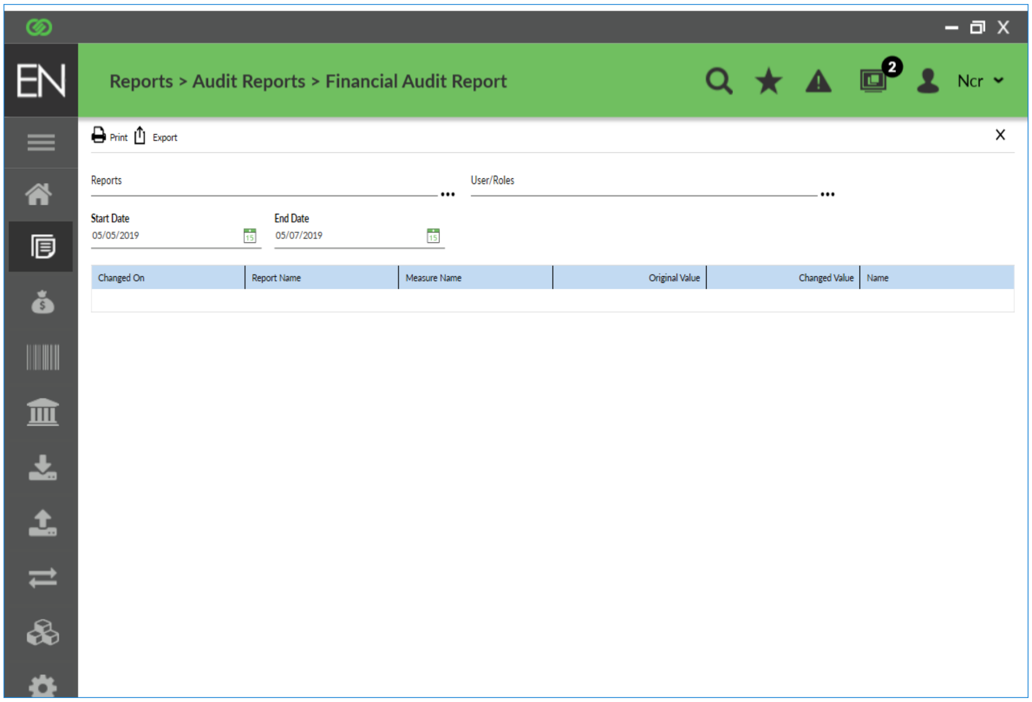
The **Financial Audit Report** application allows users to view, print and export the financial audit report. The financial audit report provides the details of the changes, which are done by the specific Users/Roles in the financial report, using the Financial Report Viewer application, over a period.

The details include the Changed-On date, Report Name, Measure Name (a section in the report where the changes are made), Original Value, Changed Value, and Name.

To use this application, go to left panel of ENCOR, and select **Reports > Audit Reports > Financial Audit Report**.



The Financial Audit Report application will open, as can be seen in the screenshot below.

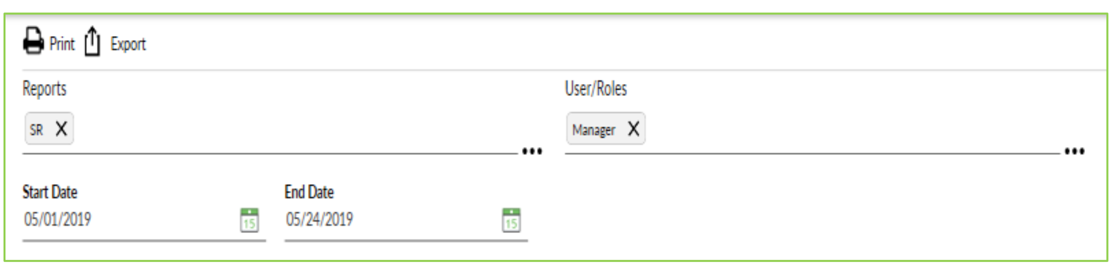


In the application, there is a **Reports** and **User/Roles** option fields, which allow users to select the Report and Users/Roles, respectively.

There are **Start Date** and **End Date** calendar options, which allow users to select start and end dates of the audit logs. At the bottom of this report, there is a complete preview of the financial audit report, which comes after selecting reports, users/roles, start date, and end date.

At the top-left corner, there are Print and Export buttons to print and export the report, respectively.

FIELD DESCRIPTIONS



Reports: This is a text field with a browse button. In the text area, the users need to enter the report name or use the browse button to select the reports.

User/Roles: This is also a text field with a browse button. In the text area, the users need to enter the Users or Roles name, or the users can use the browse button to select the Users or Roles.

Start Date: Start Date is a calendar selection option, which lets users select the start date of the financial audit report.

End Date: End Date is also a calendar selection option, which lets users select the end date of the financial audit report.

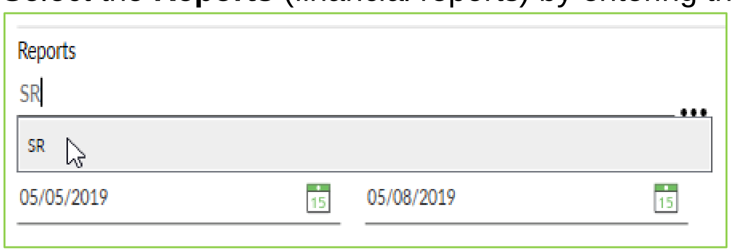
Print: Click on the Print button, to print the financial audit report.

Export: Click on the Export button, to export (or save) the financial audit report in PDF file.

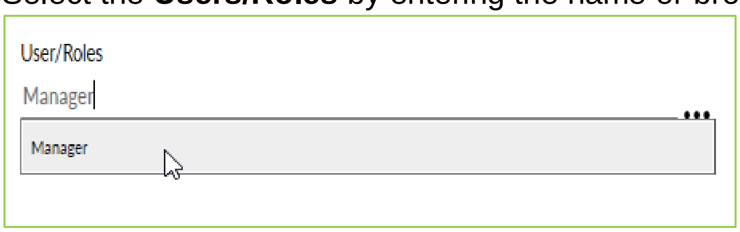
USING THE FINANCIAL REPORT

The steps to view, print and export the financial audit report are quite straight forward, and are detailed below:

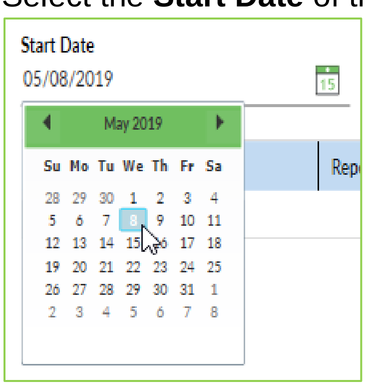
1. Select the **Reports** (financial reports) by entering the name or browsing.



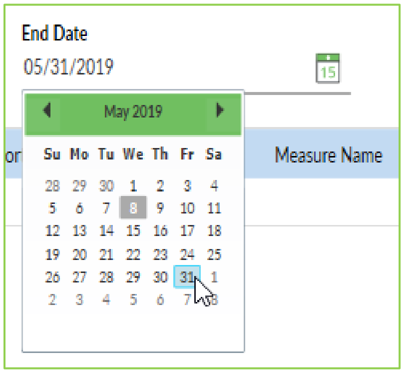
2. Select the **Users/Roles** by entering the name or browsing.



3. Select the **Start Date** of the report.



4. Select the **End Date** of the report.



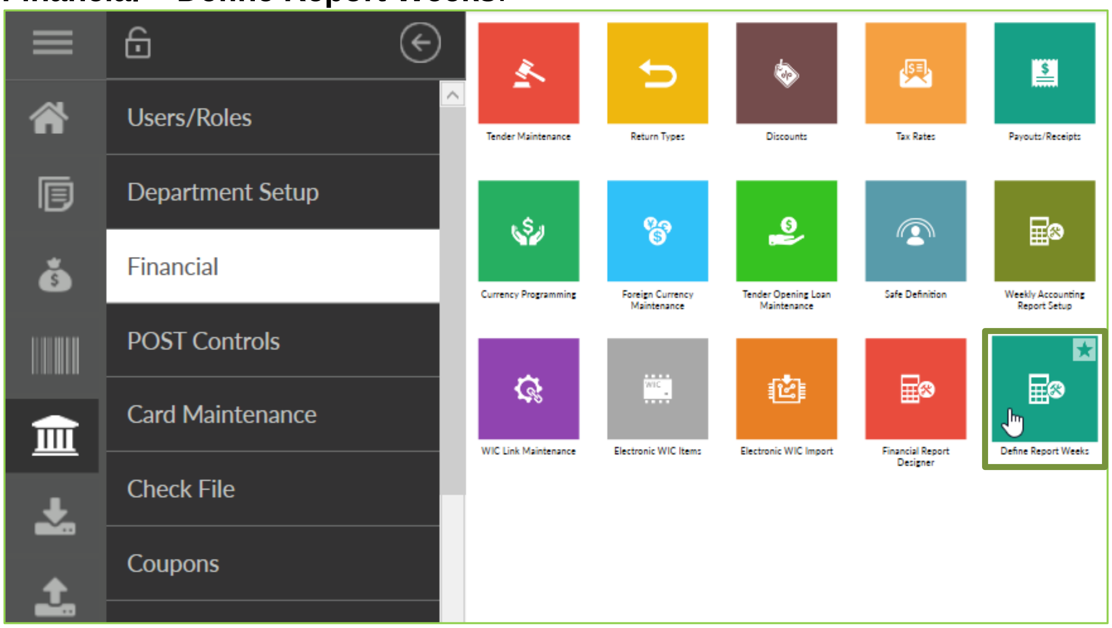
5. Users will see the preview of the Financial Audit Report. They can also print and export (save) the report by clicking on **Print** and **Export**.

Changed On	Report Name	Measure Name	Original Value	Changed Value	Name
2/21/2019 3:39:15 PM	SR	Opening Amount (Office)	20.00	25.00	Ncr User
2/21/2019 3:39:15 PM	SR	Opening Amount (Office)	20.00	25.00	Ncr User
2/21/2019 3:39:15 PM	SR	Opening Amount (Office)	20.00	25.00	Ncr User
2/21/2019 3:39:15 PM	SR	Opening Amount (Office)	20.00	25.00	Ncr User
2/21/2019 3:39:15 PM	SR	Opening Amount (Office)	20.00	25.00	Ncr User
2/21/2019 3:39:15 PM	SR	Opening Amount (Office)	20.00	25.00	Ncr User
2/21/2019 3:39:15 PM	SR	Opening Amount (Office)	20.00	25.00	Ncr User
2/21/2019 3:39:15 PM	SR	Opening Amount (Office)	20.00	25.00	Ncr User
2/21/2019 3:39:15 PM	SR	Opening Amount (Office)	20.00	25.00	Ncr User
2/21/2019 3:39:15 PM	SR	Opening Amount (Office)	20.00	25.00	Ncr User
2/21/2019 3:39:15 PM	SR	Opening Amount (Office)	20.00	25.00	Ncr User
2/21/2019 3:39:15 PM	SR	Opening Amount (Office)	20.00	25.00	Ncr User
2/21/2019 3:39:15 PM	SR	Opening Amount (Office)	20.00	25.00	Ncr User
2/21/2019 3:39:15 PM	SR	Opening Amount (Office)	20.00	25.00	Ncr User

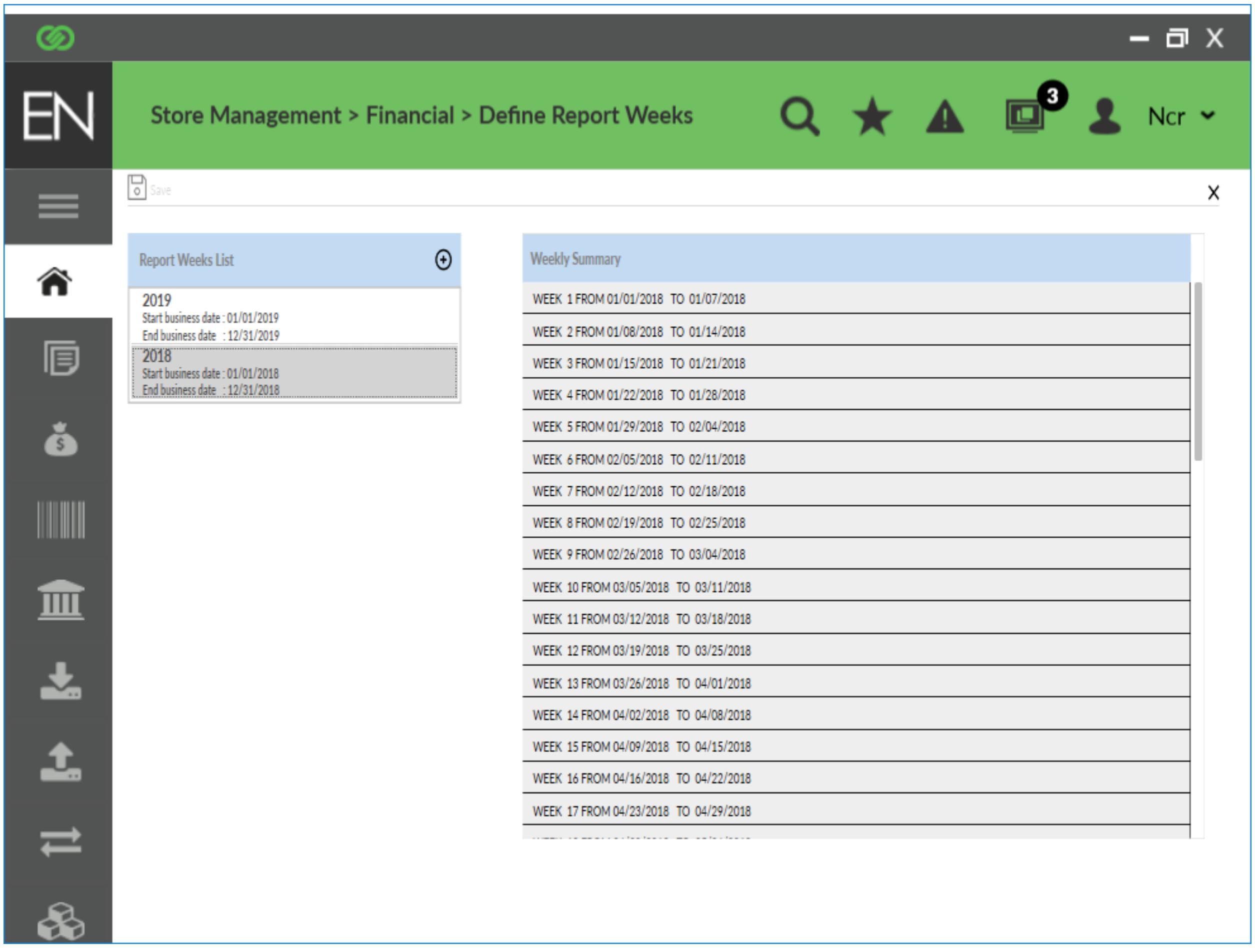
ENCOR-3020 – As A User Of ENCOR: I Need an Application To Define My Accounting Calendar for Reports

The Define Report Weeks application lets the users define the start and end year date as per the business logic. Users can use it to create and manage the report weeks. These report weeks are used in the Financial Report Viewer application, while setting different parameters in the financial reports, before viewing or exporting.

To open this application, go to the left panel of Encor, select **Store Management > Financial > Define Report Weeks**.



The Define Report Weeks application will open, as can be seen in the screenshot below.



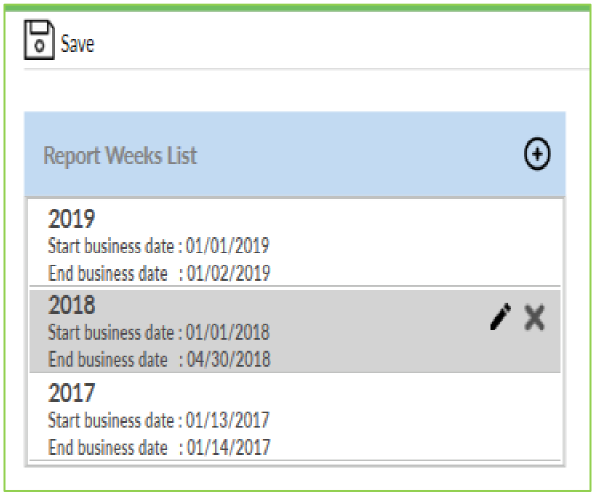
On the interface of this application, there is a Report Weeks list on the left side, and the Weekly Summary on the right side.

In the list, there are all the report weeks that users have created. Here the users can also edit and delete the existing report weeks. In the Weekly Summary section, the details of all the weeks of the selected report week are provided.

FIELD DESCRIPTIONS

In this application, the fields are in the Report Weeks List section and Select Business Date for Year popup window.

Report Weeks List section



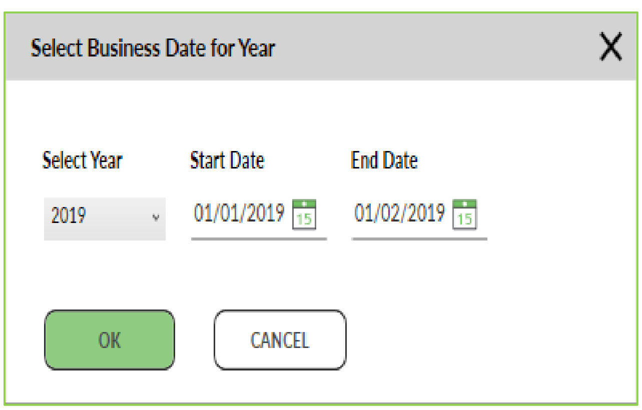
Save: Click on the Save button, after creating or editing a report week for saving.

+ (Create Week): Click on the + (Create Week) button, to start creating a new report week.

Edit: Click on the Edit button, to edit an existing report week.

Remove: Click on the X (Remove) button, to remove an existing report week.

Select Business Date for Year window



Select Year: Select Year is a drop-down menu, which lets the users select the year of the report week.

Start Date: Start Date is a calendar selection option, to select the start date of the report week.

End Date: End Date is also a calendar selection option, to select the end date of the report week.

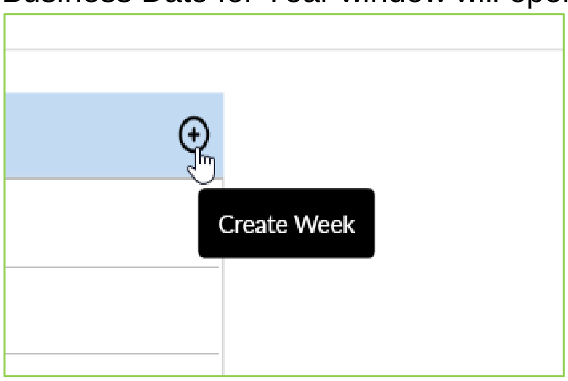
USING THE APPLICATION

Users can use this application to create a new report week, edit an existing report week, and delete (if required) the existing report week.

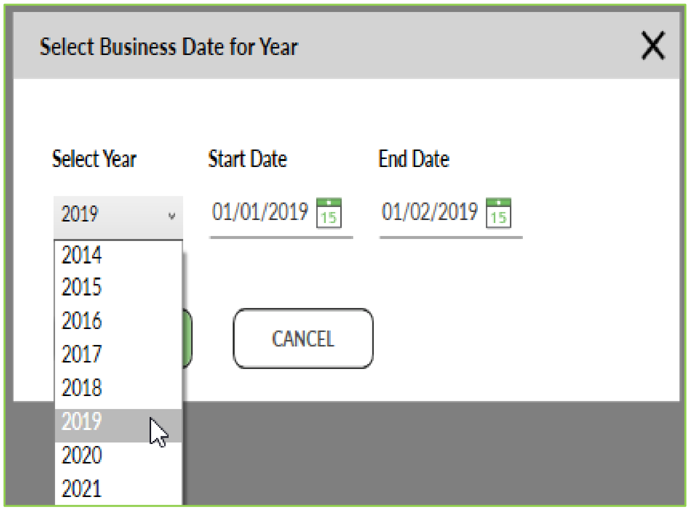
Creating a Report Week

Please NOTE* Before creating a new report, a new report week to an already existing year cannot be created. Here are the steps to create a new report week.

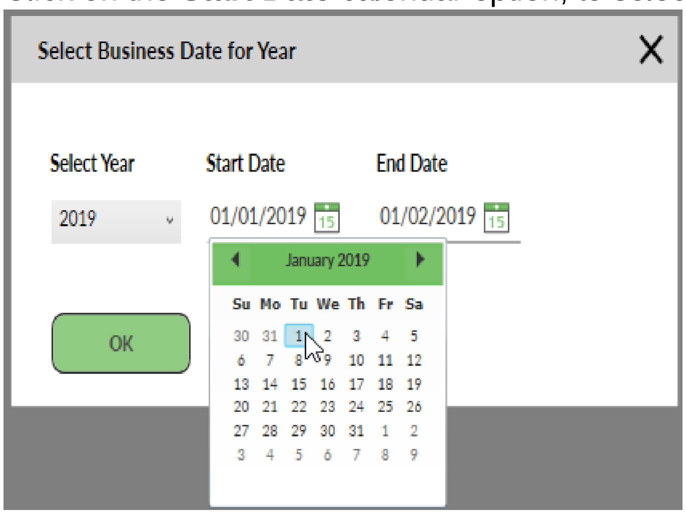
1. Go to the Report Weeks list, click on the **+ (Create Week)** button. The Select Business Date for Year window will open.



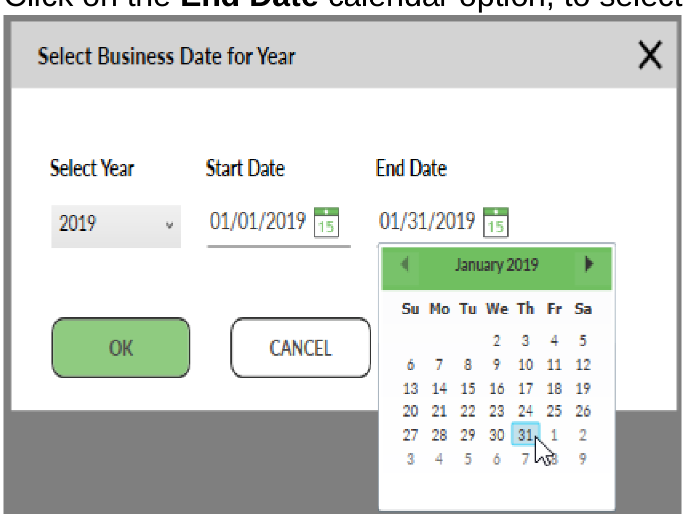
2. Click on the **Select Year** drop-down menu, to select a year for the report week.



3. Click on the **Start Date** calendar option, to select the start date.



4. Click on the **End Date** calendar option, to select the end date.

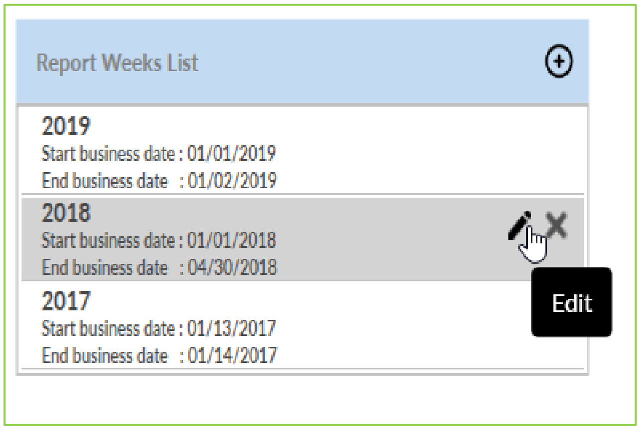


5. Click on the **OK** button.
6. Go to the top-left corner, and click on the **Save** button.

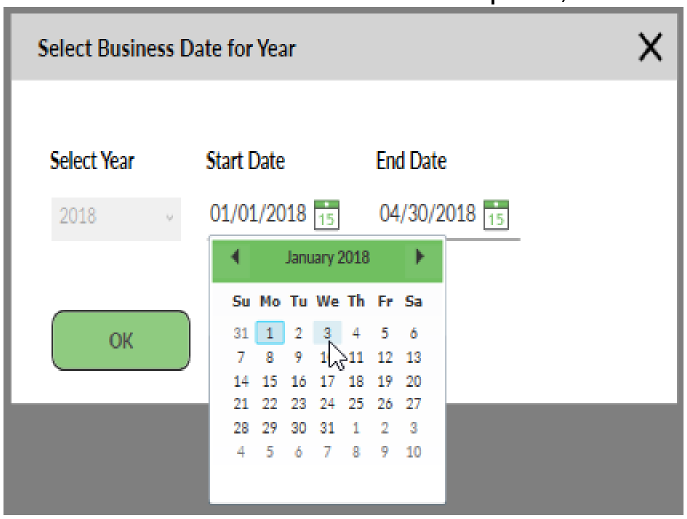
Editing a Report Week

Here are the steps to edit an existing report week.

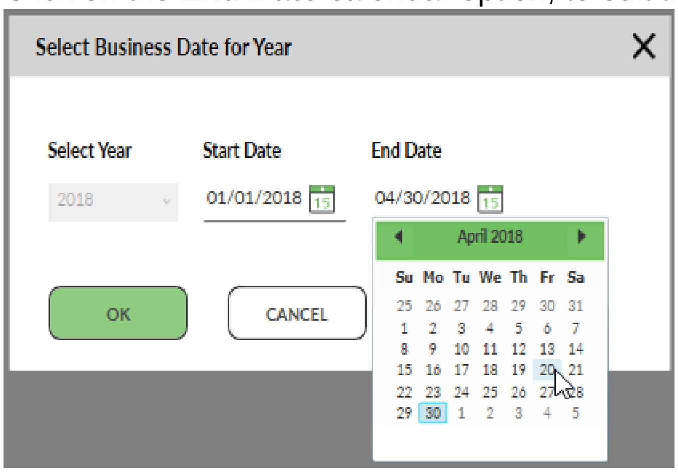
1. Go to the Report Weeks list, and select a report week. Click on the **Edit** button. The Select Business Date for year window will open.



2. Click on the **Start Date** calendar option, to edit the start date.



3. Click on the **End Date** calendar option, to edit the end date.

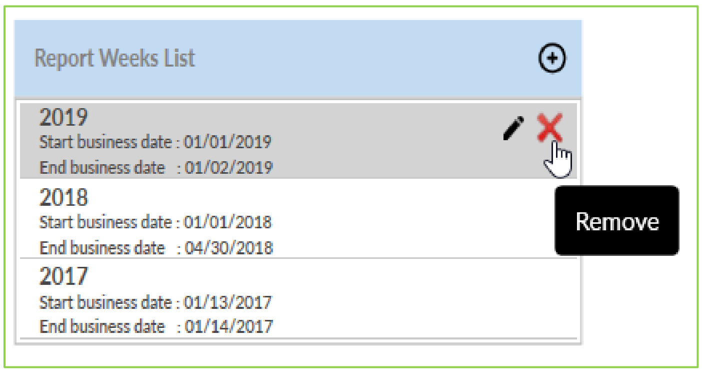


4. Click on the **OK** button.
5. Go to the top-left corner, and click on the **Save** button.

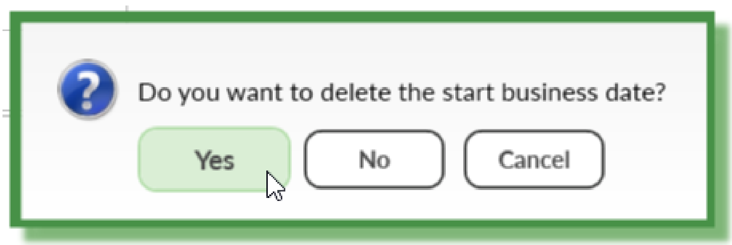
Deleting a Report Week

Here are the steps to delete a report week.

1. Go to the Report Weeks list, and select a report week. Click on the **X (Remove)** button. A confirmation dialogue box will open, asking Yes or No to delete the report week.

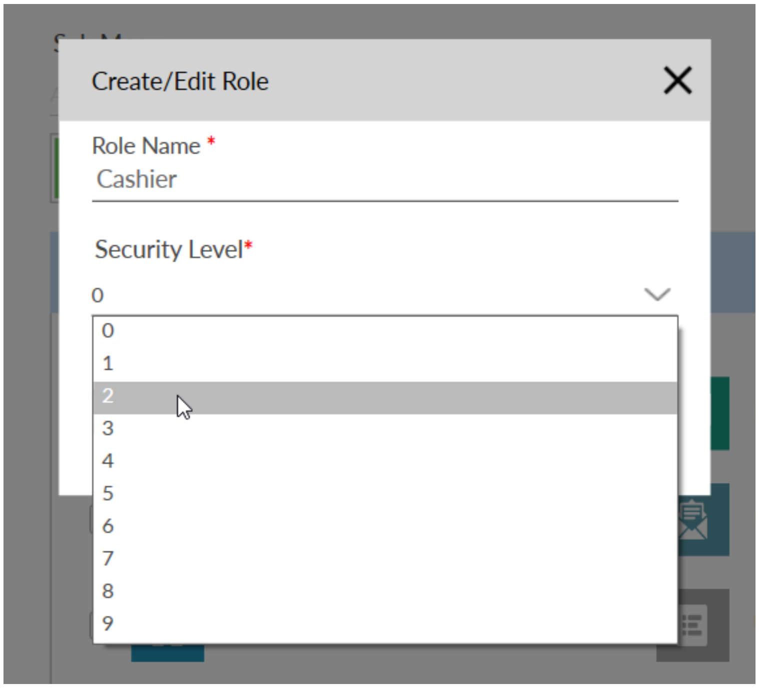


2. Click on the **Yes** button.



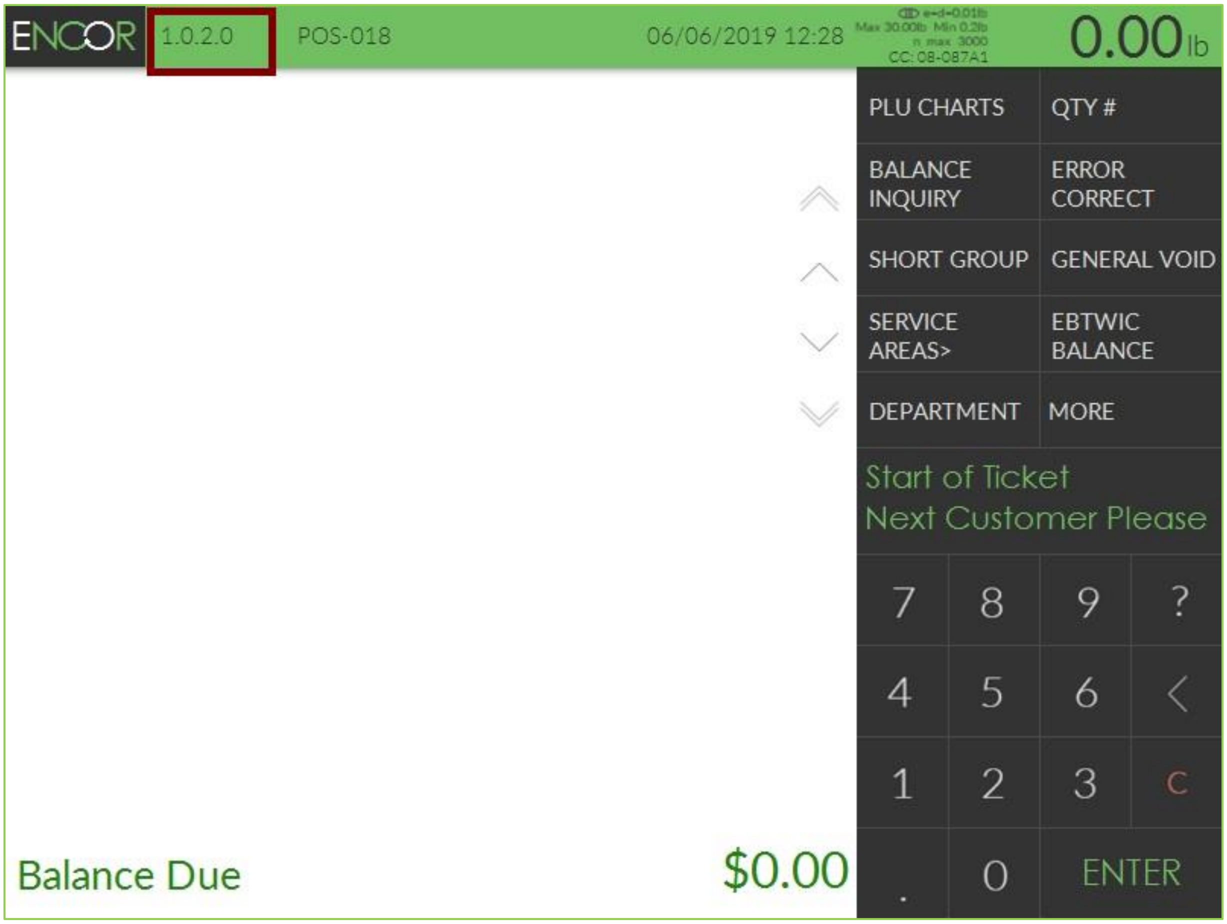
ENCOR-2541 – As A User Of ENCOR: I need to be able to select the Security Level in Role Maintenance

Users will be able to add a security level to a Role, while creating a new Role in the Role Maintenance application. In the Create/Edit Role window, a security level selection drop-down menu has been added.



ENCOR-1727 – Change POS Version Display to reflect new versioning scheme

The required change has been done on the POS version display, to reflect new versioning scheme.



ENCOR-1722 – This feature will allow users to use a DynaKey with ENCOR POS using ENCOR UX guidelines

Support for the NCR DynaKey with ENCOR includes the following improvements:

ENCOR-1723 – New Theme to support the ENCOR UI Guidelines for the Dynakey Display

ENCOR-1724 – Lane Hawk Works with ENCOR Dynakey
ENCOR-1725 – Dynakey UI to Match Multiple Models of Dynakey keys
ENCOR-1726 – Cosmetic Dynakey Messages overlaying

Currently, ENCOR POS does not support a DynaKey screen layout with the new ENCOR GUI. In this release, the ENCOR POS has been modified to support DynaKey 5953 and DynaKey 5954.

To customize DynaKey with ENCOR, a certain theme must be used. Themes are a new feature in ENCOR that allows a certain degree of customization of the POS Display. By default, ENCOR uses the “NCR” Theme. This can now be changed by specifying the theme name in WINPOS.INI.

The POS Screen can now be adjusted so that the on-screen labels line up with the 8 physical DynaKeys. This adjustment is made via a WINPOS.INI setting.

The Front Office allows a POS to be configured as having a DynaKey Keyboard and allows the assignment of Keyboard Programming that has been specifically configured for use with a DynaKey. This is done via “POS Configuration” under “WinPOS H/W” Tab by setting the “Keyboard Type:” to DYNAKEY.

Notes:

- New DynaKey Theme definition = theme.ini.
- New DynaKey theme folder in C:\Program Files\POSWare\WINPOS\DATA\Images800-DYNAKEY Folder.
- New and adjusted Forms and Screens in POSMENU2.QDX.
- WINPOS.INI should be set with the following for DynaKey usage:
    - Theme=DYNAKEY
    - If using 5954 DynaKey the line DynaKey=5954 is used
    - If using 5953 DynaKey the line DynaKey=old is used

- To control the behavior of the physical buttons, other than the 8 DynaKeys, the user will be responsible for assigning the desired functions to the keys via key mapper.
- MENUSYS.MAC should be customized to reflect the desired menu functions to be displayed on the 8 DynaKey Buttons.

POS

POSW32.EXE code changes to support DynaKey Theme and new locations of POS Cashier Display elements.

ENCOR-1591 – Support SSCO ADK 6

ADK has been certified on the R6l Hardware. This 1.0.2.0 release will support the ADK 6.1.2.

The installation of the ADK 6.1.2 version will be installed using the following WIM images:

- R6L-SCO-ADK612-02012019.wim (for R6L Hardware)
- R6-SCO-ADK612-01312018.wim (for R6C Hardware)
- XR7-RAP-ADK612-01312018.wim (for XR7 Rap)

These WIM files will install the OS and the ADK 6.1.2. The user will need to install the POS platform and the Transaction Broker.

The version of the Transaction Broker certified is as follows:

- Retalix_ISS45_Application-6.01.02.01.05.exe
- Retalix_ISS45_RAP_Application_6.01.02.01.04.exe

The ADK 6.1.2 software provides a new look to the SSCO interface as well as the Pick List Assist and Produce Assurance feature. A prescottstart.bat and postscotstop.bat are supplied with the image. It is recommended to apply any base ADK hot fixes before applying the Transaction Broker. *(Applying Hot Fixes after the Transaction Broker is installed may potentially overwrite the prescotstart.bat and the postscotstop.bat which are configured for the Pick List Assist and the Produce Assurance)*

For a more complete installation guide, please follow the following document: R6L SSCO with ADK V6.1.2 Installation for ENCOR.PDF

Note: There were several SSCO bug fixes included with this certification.

ENCOR-2091 – SSCO: Need to support Mixed basket EBT FS transactions using the Generic EFT key

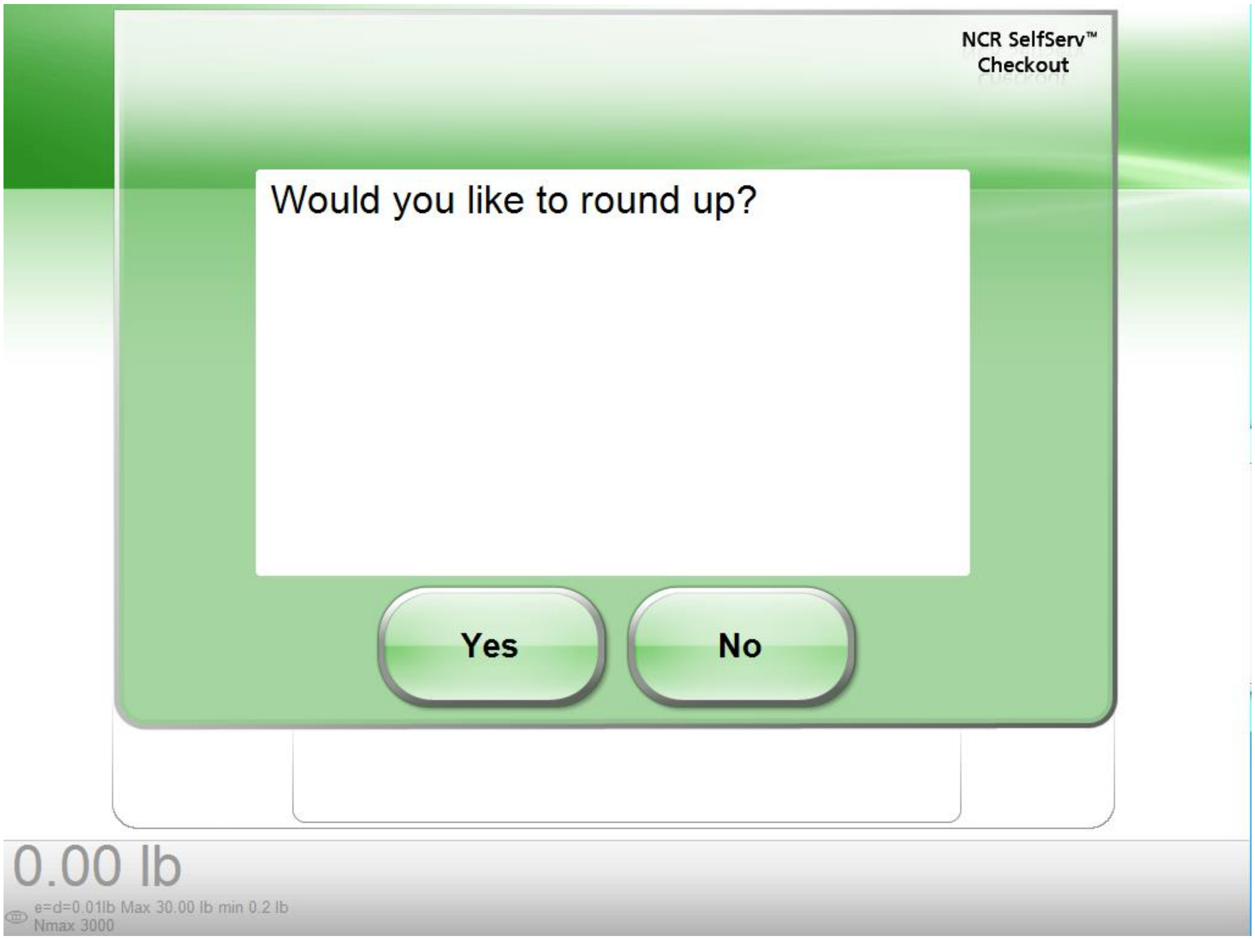
When using the Generic EFT Key, the whole total amount is sent to the Connected Payments, even if the EBT FS tender is selected on the PIN Pad. If the whole total amount is not FoodStampable, the SSCO display over the tender will not allowed. The SSCO will send the Generic EFT to the PIN Pad. ENCOR will hold the whole tender amount and the FS tender amount. Once the tender is selected on the PIN Pad, the correct total will come from ENCOR to send out for approval.

ENCOR-2983 – Enable Round Up Feature to Work on SSCO

The round-up feature can now be used on the SSCO. The GSP "Enabled prompt for round-up of ticket total" can be enabled and functions with the SSCO. The round-up Prompt will not prompt the customer on the PIN Pad as the regular lanes will, but on the SSCO screen. This screen will display once the Finish and Pay button is pressed and before the Tender selections display.

The message configured in the GSP's will be the message displayed to the customer.

Note: This feature also requires the Transaction Broker to be upgraded to 5.00.01.00.68 or 6.01.02.01.05 if using ADK 6.12.



ENCOR-2117 – Support Windows 10 on ENCOR Front Office Server (Small Store) and LFS Workstation

The Windows 10 OS has been certified for the Front Office Server and LFS Workstation, with below configurations.
OS – Windows 10 Pro/Enterprise (64-bit)
SQL – Microsoft SQL Server 2016

ENCOR-2118 – Support Windows 10 IoT on ENCOR POS

Support for the Windows 10 IoT on ENCOR POS is now available.

Please follow the POS Installation document for the appropriate Hardware.

- Installing ENCOR on the NCR XR7 (7702) using Windows IoT.Rev.1.pdf
- Installing ENCOR on the NCR XR8 (7607) using Windows IoT.Rev.1.pdf

More improvements related to this are done in the following, ENCOR-2846 and ENCOR-2879.

ENCOR-2846 – Windows 10: ENCORUSERS needs to be added to the Groups and given full rights for the C:\Program Files\Microtrax folder

For Windows 64 bit OS, both the **C:\Program Files\Microtrax** and **C:\Program Files (x86)\Mircrotrax** folders, are added to the ENCORUSERS group with Full Control.

ENCOR-2879 – POS Install: Installing Windows 10 IoT on the POS will require the install to create the MTX registry and give Privileges

POS Install: Installing Windows 10 IoT on the POS will require the install to create the MTX registry and give Privileges.

Installation of Windows 10 IoT on the POS is done, this has created the required MTX registry and give Privileges.

If the following registry does not exist, it will need to be created:
HKLM\Sofware\MTXEPS (On a fresh install, it will not exist)

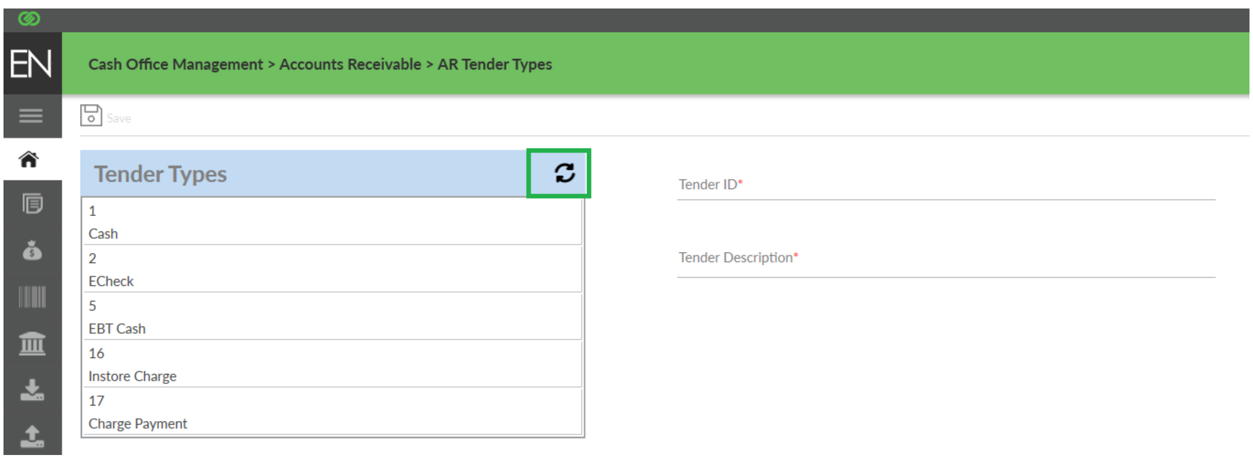
This registry will also be added to the ENCORUSERS group with full control.

This is done in the C:\Program **Files\POSWare\WINPOS\Install\Common\POSPermission.bat**

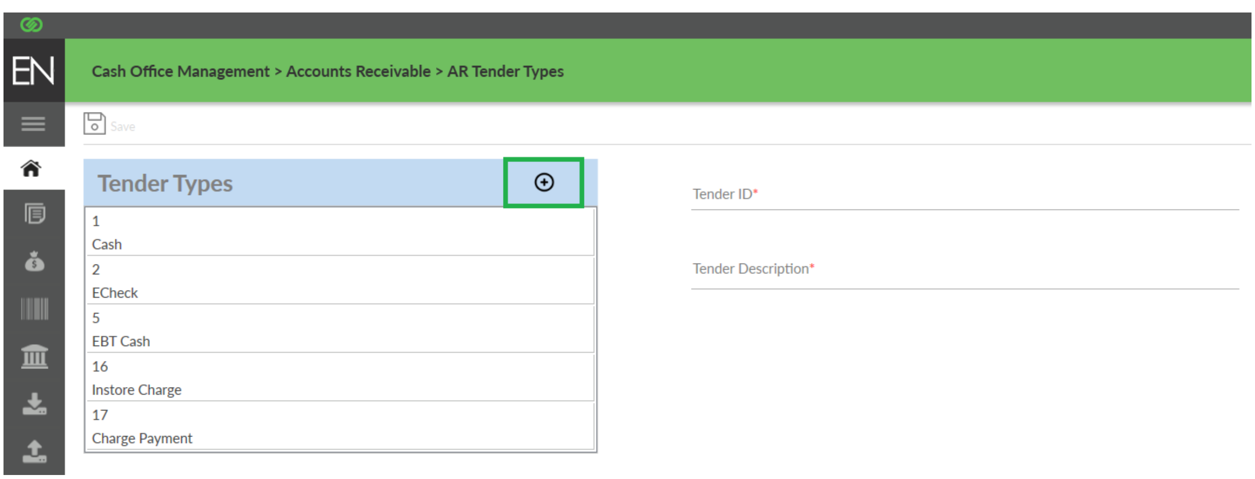
ENCOR-2563 – As a user I need to be able to Sync All Tenders defined in ISS45 to ENCOR screen AR Tender Types.

There is an **Add** and **Sync** buttons have been added to the AR Tender Types application. The Add button will be available only if FrontOff database is not available, and the Sync button will be available if FrontOff database will be available.
If the tenders are sync'ed then description will change according to the FrontOff database. The only tender(s) that will sync are flagged with the ROA / Payout allowed on the General Parameters tab. The tenders stored in the FrontOff database Media table will have ROA_PAIDOUT_ALLOWED_FG value as 1. Users can delete any tender, either if it exists in the database or not, but if it exists, it will be back after sync.

If the Front Office database does exist, only the Sync button will display:



If the Front Office database does not exist, only the Add button will display:



ENCOR-2571 – As a Non-Admin User of Windows, I Need ENCOR to Work Without Requiring Windows Elevated Privileges

A non-admin user will be able to access all the applications of ENCOR NavApp and ENCOR POS. This has been tested on the following environment.

MFS – Windows 2007 and Windows Server 2012.
POS – Windows 2007

ENCOR-2850 – As A Partner, I Need A Way To Easily Create/Update Users, Logins and Permissions For the ENCOR Databases

Each database has been given a method to easily assign the correct owners, users and logins along with the properties and permissions of the database. This would be used for scenarios, such as when a database is restored. The databases are:

- ABO
- ENCOR
- ENCORService
- ENCORTransaction
- FrontOff

ENCOR-2962 – Certification of DLI Mobile Tablets

Certification of DLI Mobile Tablet includes the following:

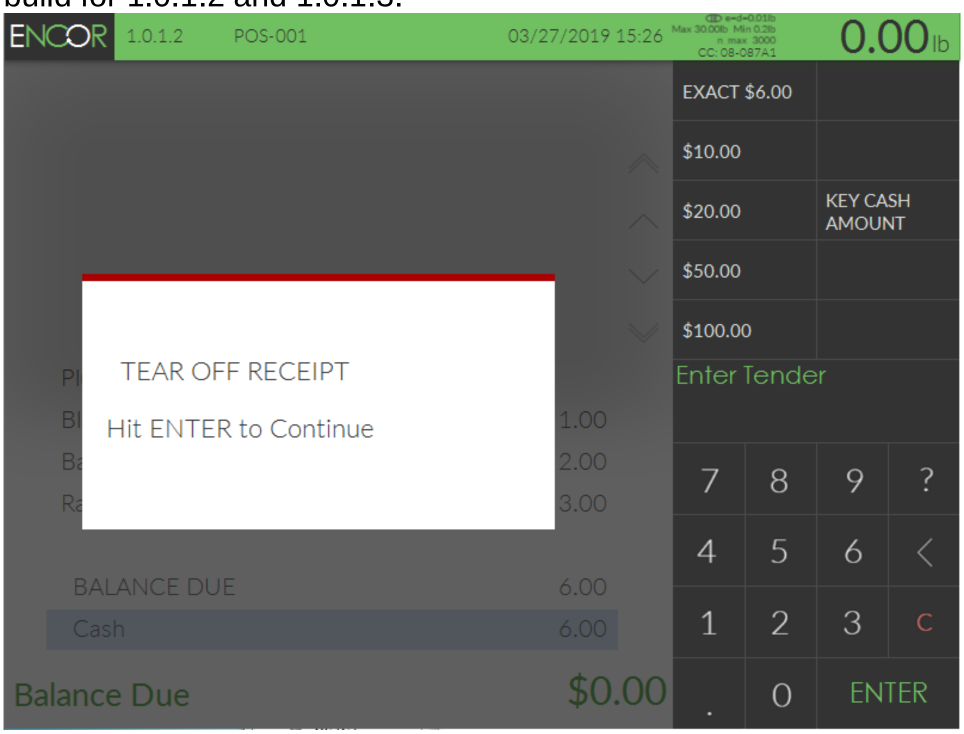
- Installing
- Testing POS functionality
- Payments

The *ENCOR Installation and Configuration on DLI Mobile Tablet.pdf* can be used to install the DLI terminal.

More improvements related to this are done in the following, ENCOR-2081 and ENCOR-2899.

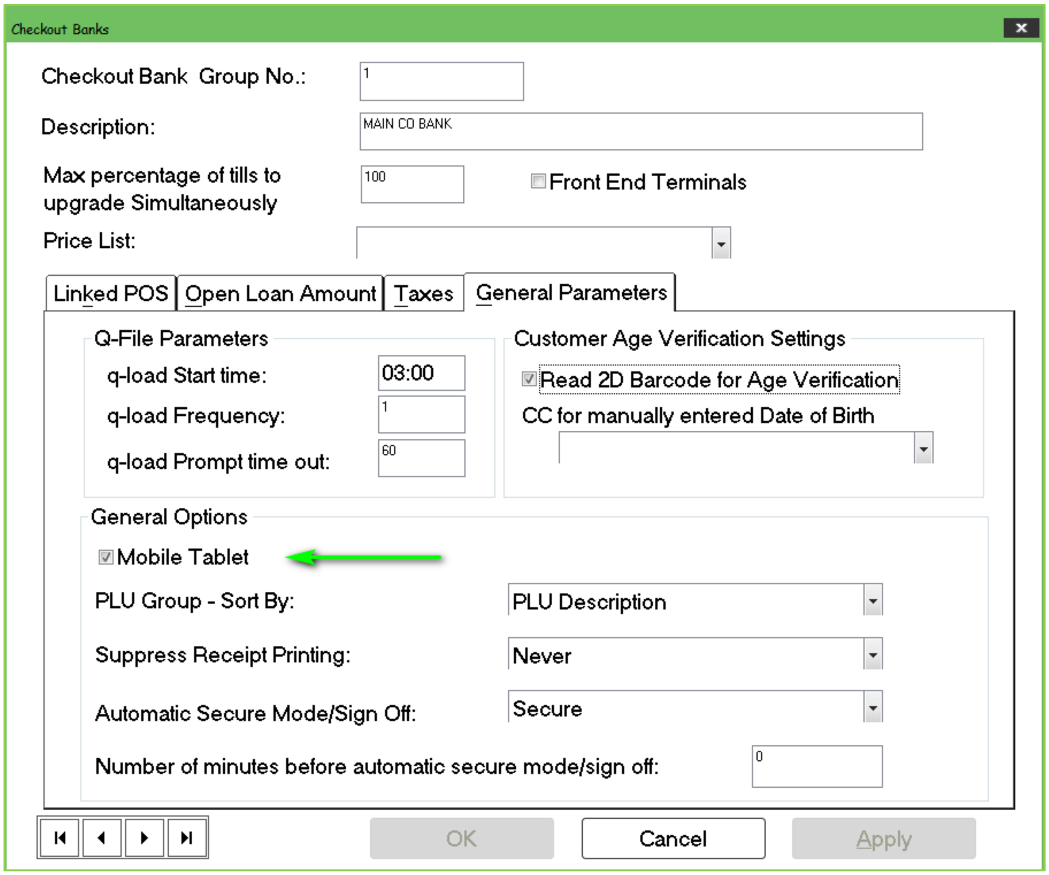
ENCOR-2948 – ENCOR_DLI Tablet-Printer for DLI Tablet does not cut automatically

A POS message to the cashier, to rip the printer paper, has been added in POSW32 build for 1.0.1.2 and 1.0.1.3.



ENCOR-2949 – Add POS setting to allow mobile POS not to cut the receipt.

This setting is needed setup in **Checkout Banks**. A flag under the “General Options” section **Mobile Tablet**, has been added that sends a message to the cashier to tear the receipt manually (ENCOR-2948).



ENCOR-3099 – New MTX_POS.dll for distribution with 1.0.2.0.

A new MTX_POS.dll is distributed, the version 829.2.0.26 was used for the Luxe terminal certification. Compare new functionality and match the MTX_POS_Empty dll. Created the MTX_POS_CPMX.dll and MTX_POS_CPEQ.dll to match the version.

MTX DLL Versions

ENCOR 1.0.2.0 was tested with the following Microtrax Components.

The updated MTX dll versions of Connected Payments and WinEPS are in this release of the ENCOR.
This release was tested with the following Connected Payments and WinEPS dlls.

Verifone Terminals
Connected Payments Gold 43

MTX_EPS.dll	828.7.21.108

Equinox Terminal
Connected Payments Gold 22

MTX_EPS.dll	829.2.21.99

Verifone and Equinox

MTX_POS.dll	829.2.0.26
MTX_POS_CPMX.dll	829.2.0.26
MTX_POS_CPEQ.dll	829.2.0.26
MTX_POS_WinEPS.dll	828.0.1.207
MTX_POS_EMPTY.dll	No version

SSCO Certified Versions

ENCOR 1.0.2.0 has been certified with SSCO ADK6.1.2 version 6.01.02.01.04 of Transaction Broker and updated to 6.01.02.01.05

Applied Windows updates

Windows updates have been applied on 05/09/2019 on the following:

MFS1:
Windows 7 Professional SP1 (32-bit)
Windows 7 Professional SP1 (64-bit)

POS:
Windows 7 Professional SP1 (32-bit)
Windows 7 Professional SP1 (64-bit)
Windows Embedded Standard (64-bit)

Fuel Versions

Here are the following fuel versions:

- POSPump = 10.23.2080
- PumpSrv = 10.23.2540
- FCC = 10.23.2380

Loyalty Versions

- RTAPS – LPE = 10.1.187
- DRE – Dynamic Receipt = 1.2.0.373

Solidcore Version

Solidcore Version – McAfee Solidifer = 6.1.3.353

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