

ENCOR

- Release Notes
- Version 1.0.1.2
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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

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Introduction

A few enhancements were made recently to the NCR ENCOR system. These changes are reflected in the accompanying ENCOR 1.0.1.2 software. The Change Request Document (CRD) numbers assigned to the enhancements are listed in the description heading. Following the change descriptions are an abbreviation of the ENCOR areas affected:

(FO) – Front Office

(GSP) – General System Parameter

(POS) – Point of Sale

(SSCO or SCO) – NCR Self-Service Checkout

These enhancements are explained in detail in the following pages and are included in your NCR ENCOR User and Installation Guides. If you have any questions regarding this release, please contact NCR Support.

ENCOR-2561 – Improvements to client side update to grid when editing values on Financial Report

There were improvements made to the grid on the Financial Reports for the “Total”, “Subtotal”, and “Grand Total” for editing.

ENCOR-2537 – New Setting to Allow Users to Define the Starting Day of the Week

A new “Start of Week” combo box has been added to the Settings > System Options > System Settings. Users can now choose when the start of week for the stores business will begin.

0 = SUNDAY (Min)
1 = MONDAY
2 = TUESDAY
3 = WEDNESDAY
4 = THURSDAY
5 = FRIDAY
6 = SATURDAY (Max)

ENCOR-2526 – New Enhancement to Apply the Starting Day of the week to Financial Reports

New default data record was added to the SysOption Table. This will include the “Name” of StartOfWeek and the default value of ‘0’. This enhancement was done to allow users to define the start of the week in ENCOR-2537.

ENCOR-2447 – Improvement made to Aging Report

A message will display when customers have a negative charge balance when trying to view a customer with a negative balance. If “Display Negative Balances” option is set to “NO”, then a message will display “No Accounts to Display”.

ENCOR-1727 – Change POS Version Display to Reflect ENCOR Version Scheme

The version number displayed on the ENCOR screens will be using a new format. The format will display as 1.0.X.Y. Where X indicates a minor release and the Y indicates a patch. The -050 for a release or -060 for a patch will no longer be displayed. This release of ENCOR will display as 1.0.1.2.

ENCOR-2093 – Improvements made in Application Performance

Improvements were made on the speed of customer range searches, User List Search, the handling of large number of users, and Financial Report Viewer displays.

ENCOR-2229 – Improvements made in ENCOR Tables and Application Performance

Improvements in performance and SQL Tables added to ARPaymentService, AuditPasswordService, SysOptionService UserRoleService, and UserService.

ENCOR-1995 – Enhancements done to NavApp /ENCOR Applications.

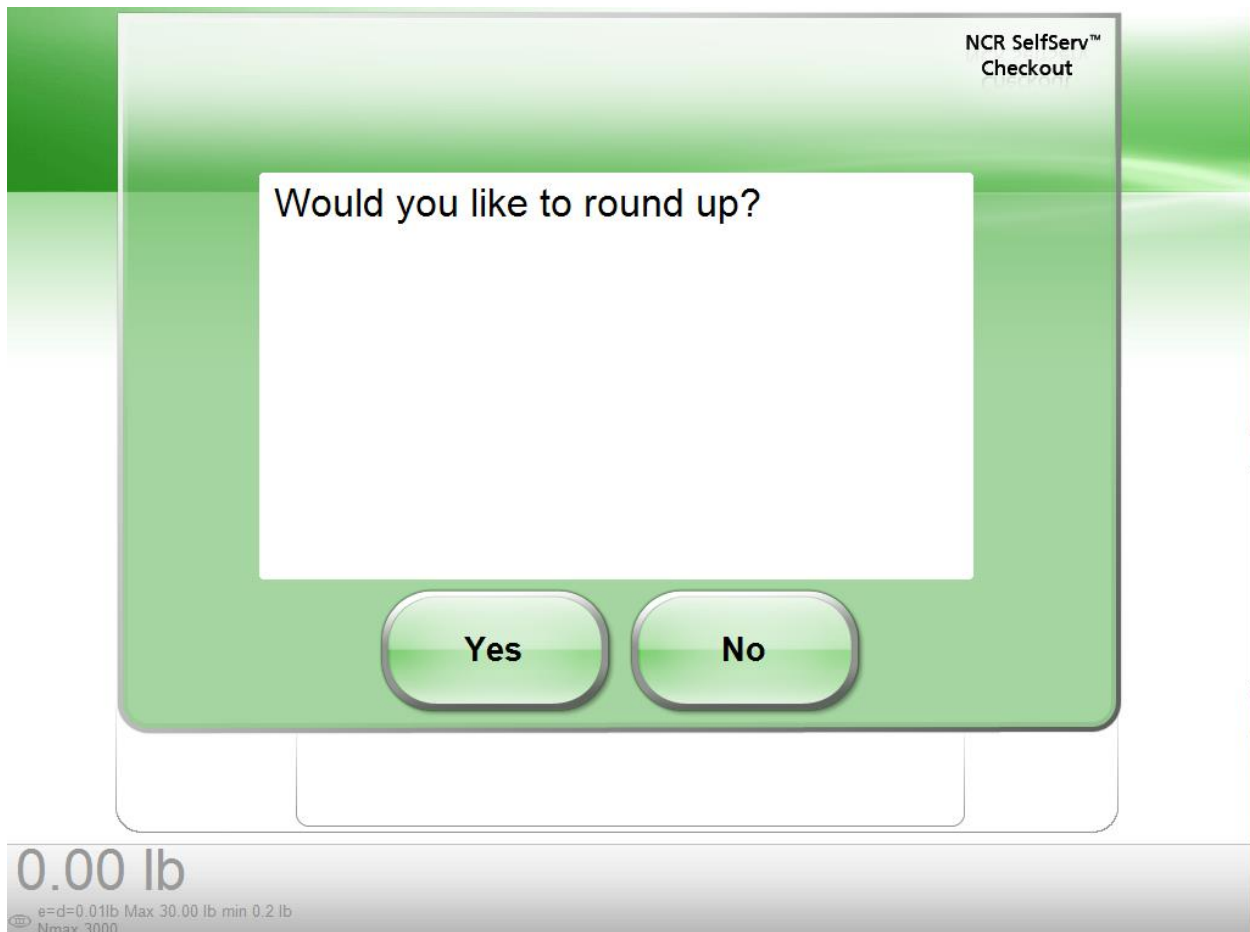
Small but needed enhancements were done to the following applications – User Maintenance, Role Maintenance, and Financial Report Preview.

ENCOR-2325 – 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 messaged displayed to the customer.

Note: This feature also requires the Transaction Broker to be upgraded to 5.00.01.00.68.



ENCOR-2557 – Security Level set in Role Maintenance

Beginning with the 1.0.1.2 release the Security Level is set and modified in the Role Maintenance and not in the User Maintenance. Each role will have the same security level. The Security Level can still be viewed in User Maintenance but no longer modified per user. It is a read-only field and will be displayed as the Security Level assigned to the Role of the user.

ENCOR-2528 – Documentation for Financial Report Designer and Viewer with Technical Information and Troubleshooting.

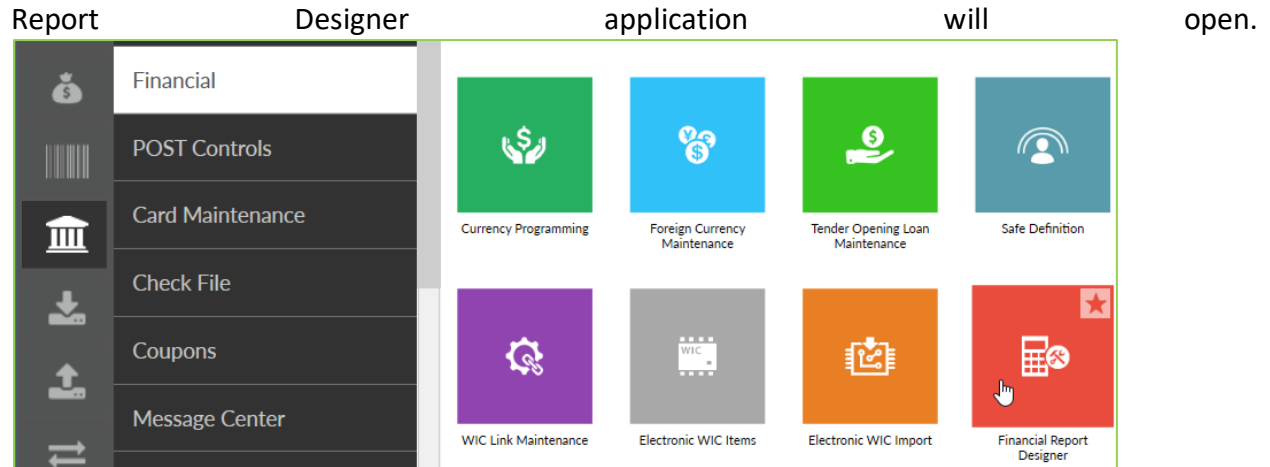
Financial Report Designer and Financial Report Viewer Applications

Financial Report Designer

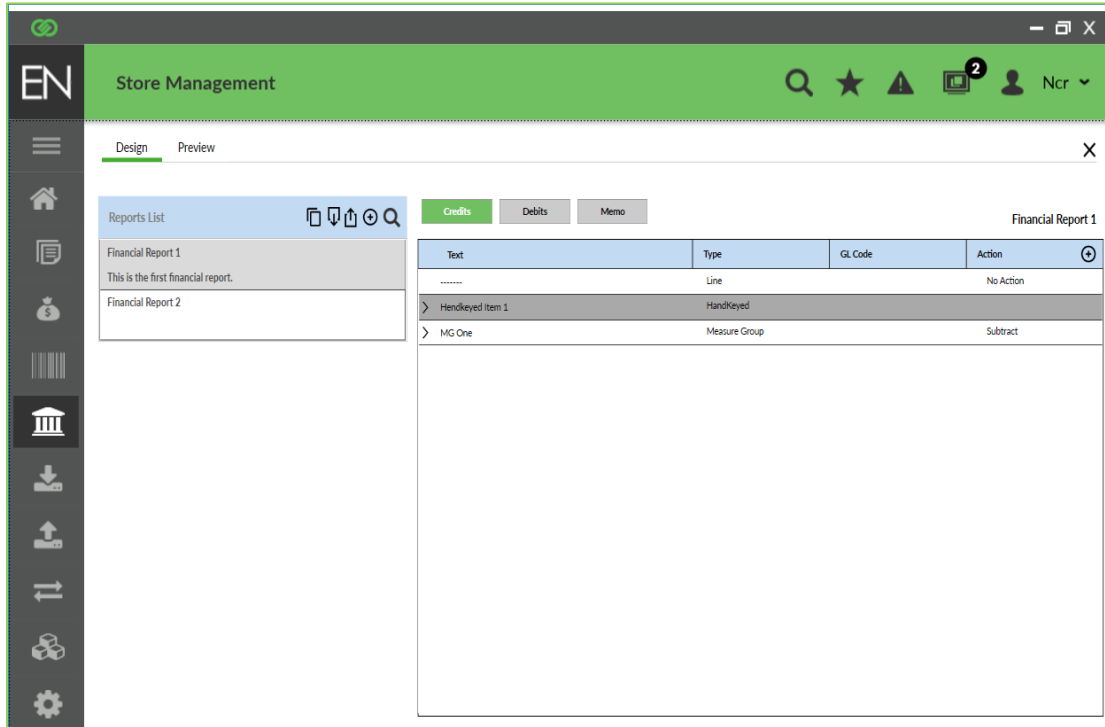
The Financial Report Designer enables users to manage and design the financial reports. Managing the reports include create a new report, create a new report by copying an existing report, import a report, export (save) the report, edit the report name and description, and delete the report (if requires). Designing the reports refer to adding, editing and deleting the items in the reports belonging to Credits, Debits and Memo categories. The details are position as per the requirement in the report. Line, Sub Total, Text, Total, and Measure Group are the types of items added in the report.

Using the Financial Report Designer Application

To use the **Financial Report Designer** application, go to left panel in ENCOR, and select **Store Management > Financial > Financial Report Designer** (See the screenshot below). The Financial



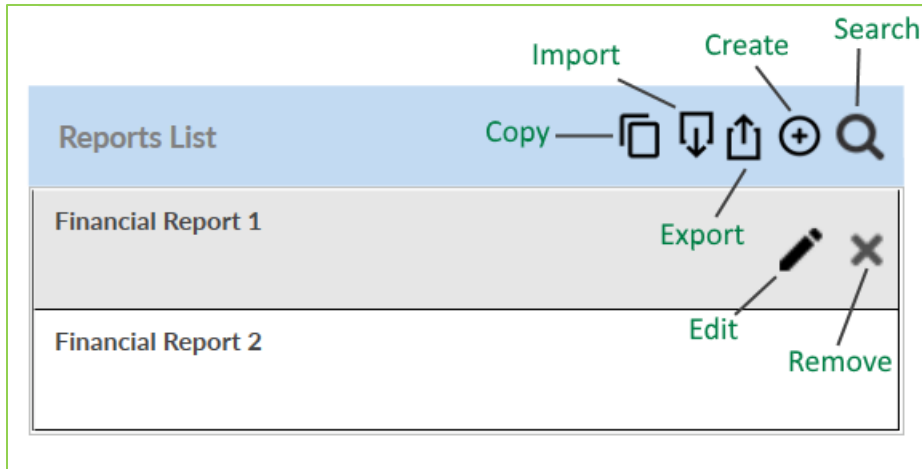
After opening the application, users can start managing and designing the financial reports.



Field Descriptions

There are several fields available in the different sections of this Financial Report Designer application. Here are the section-wise field details.

Report List section



COPY: The Copy button allows users to create a copy of an existing report from the Report List.

IMPORT: This allows users to import a report from a location on the computer into the Report List in the format of .xml.

EXPORT: Click on the Export Button to export a report to a location on the computer in the form of .xml.

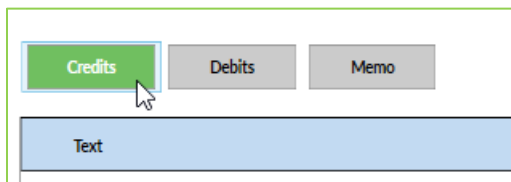
CREATE: Click on the Create Report (+ sign) button to create a new report.

SEARCH: Allows users to search an existing report.

EDIT: Click on the Edit button to edit the report name and/or description.

REMOVE: Click on the Remove button to delete an existing report from the Report List.

Item Management Section



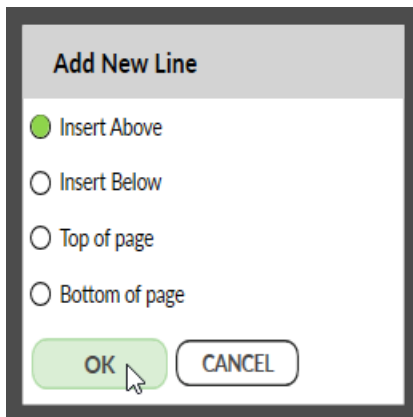
CREDITS: Click on the Credits button to add the item in the report belonging to the Credits category.

DEBITS: Click on the Debits button to add the item in the report belonging to the Debits category.

MEMO: The Memo button lets users to assign measures for miscellaneous items sold by the store. This includes trackable items sold by the store, but are not considered payouts or receipts.

ADD LINE: Click on the Add Line (+ sign) button to add a new Line, Sub Total, Text, Total or Measure Group in the report. Selections include:

- Insert Above – Allows users to insert an item (like payouts) above
- Insert Below – Inserts items below a line
- Top of Page – Inserts items at the top of the page
- Bottom of Page – Inserts item at the bottom of the page
- OK – Accepts the selection chosen
- Cancel – Cancels the selection chosen



EDIT: Click on the Edit button to edit an item in the report.

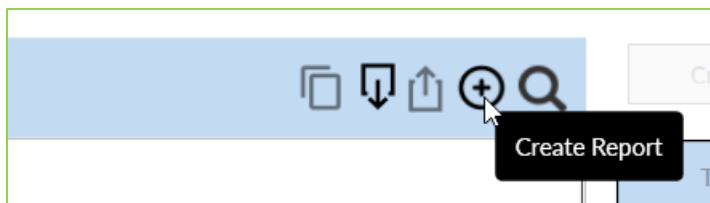
REMOVE: Click on the Remove button to delete an item in the report.

Managing the Financial Reports

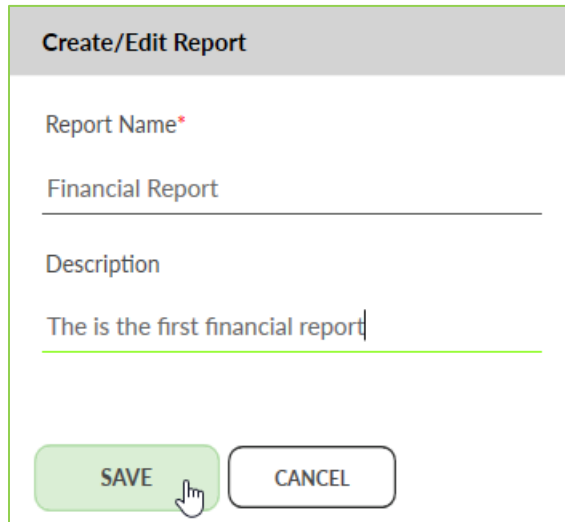
Do the following to manage the reports from the Reports List (left) section on the Financial Report Designer application.

Create a New Report

1. Click on the + (**Create Report**) button. A small Create/Edit Report window will open.



2. Enter the **Report Name** and **Description**.



Create/Edit Report

Report Name*

Financial Report

Description

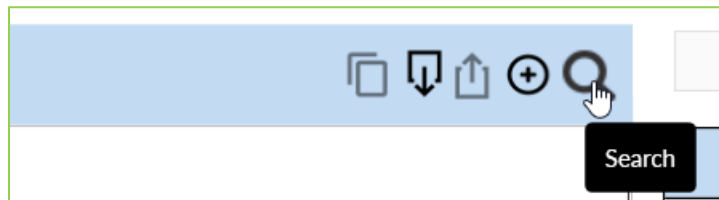
The is the first financial report

SAVE CANCEL

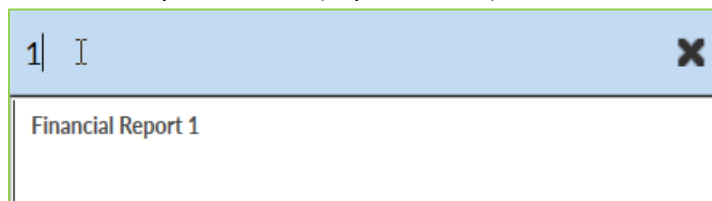
3. Click on the **SAVE** button.

Search a Report from the List

1. Click on the **Search** button. The search field will open on the left side of the Search button.



2. Enter the report details (report name).



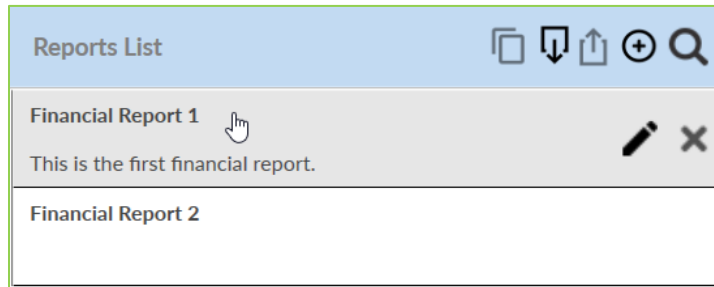
1 | I X

Financial Report 1

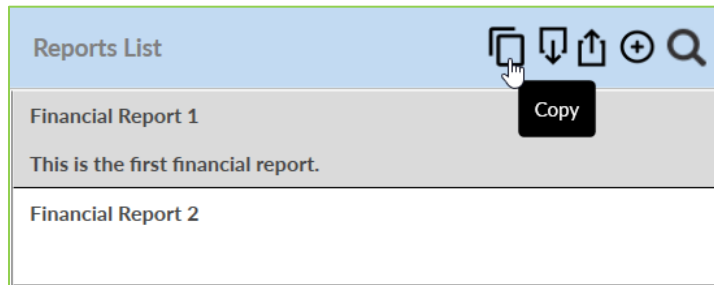
3. Press the **Enter** key, and if a match is found it will display. If a match is not found, nothing will display.

Create a New Report by Copying an Existing Report

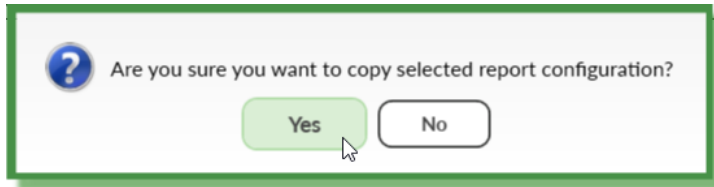
1. Select a report from the Report List.



2. Click on the **Copy** button. A confirmation message will open asking Yes or No to copy.

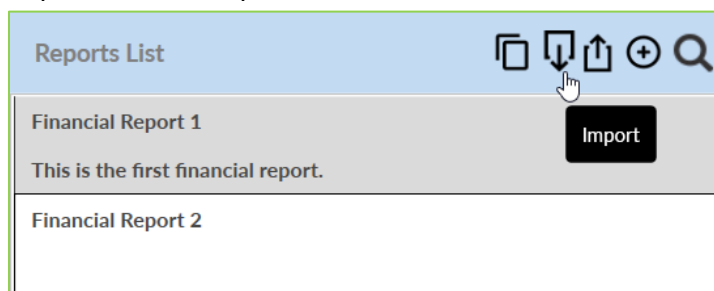


3. Click on the **Yes** button to copy. Click on the **No** to cancel the copy.

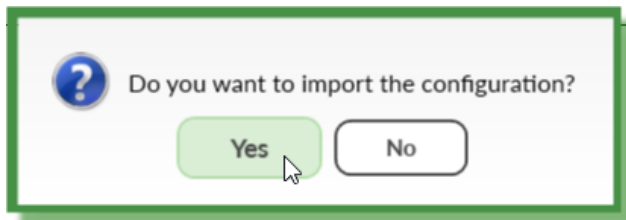


Import a Report from the Computer

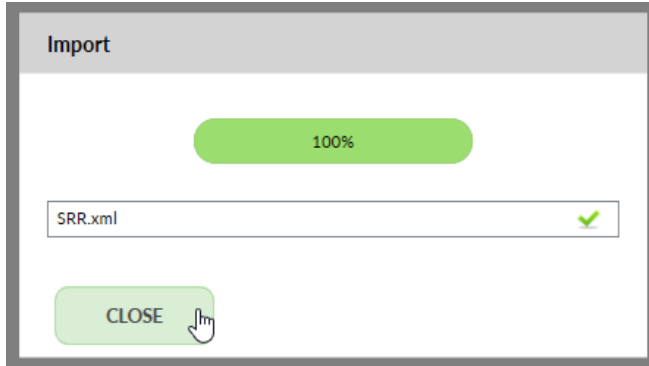
1. Click on the **Import** button. A confirmation message will open asking Yes or No to import. Reports can be imported from other store locations, and pulled into the store.



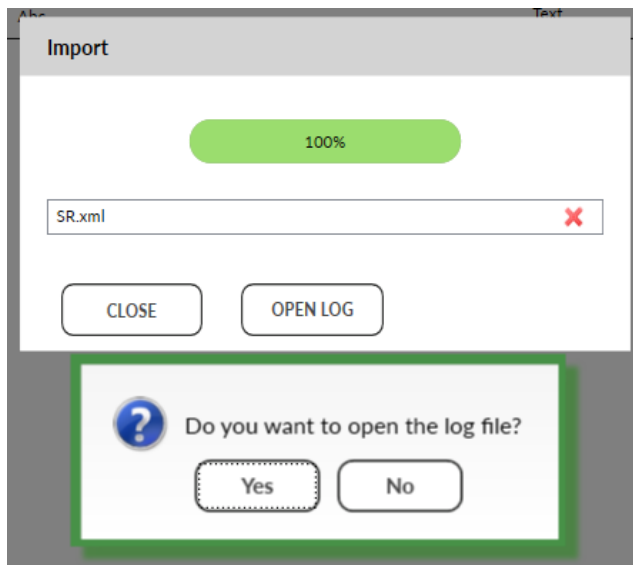
2. Click on the **Yes** button to import a file. Click **No** to cancel the import.



3. Select the report (in XML file format) from a location on the computer to import, and import it.
4. If the import is successful, a message box will open, which shows 100% progress of the import and a check mark on the name of the imported file. Click **CLOSE** to continue.

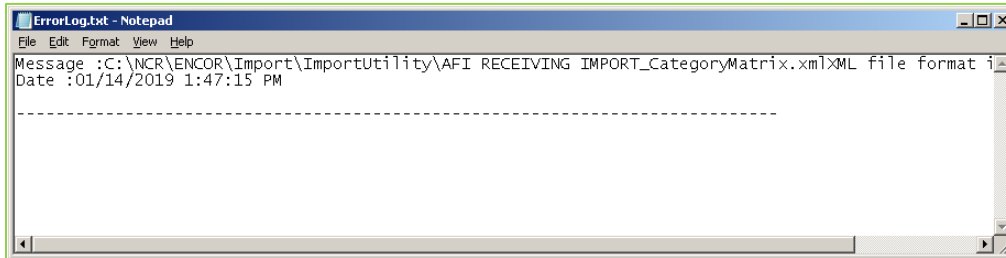
**Notes:**

- If the import is unsuccessful, a message box will open showing the intended import file with a red **X** mark. Click on the **OPEN LOG** button here. A new message box will open asking "Do you want to open the log file?". Click **Yes** to view, and **No** to cancel viewing the log.



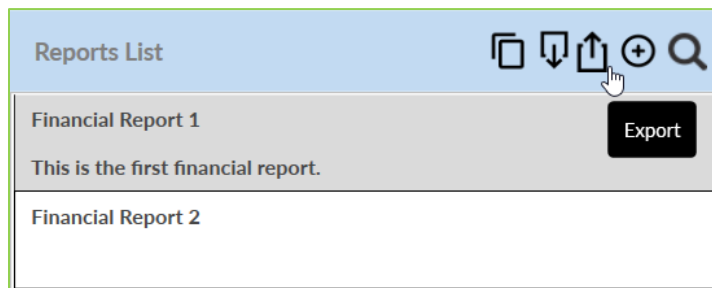
- A log file will only be created if the import is unsuccessful. The error log will be created in the same folder from where the report is being imported (by default in the "C:\NCR\ENCOR\Import\ImportUtility" folder). Example of the log, named

“ErrorLog.txt”:

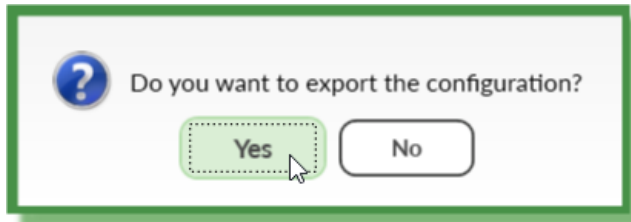


Export (save) a Report on the Computer

1. Click on the **Export** button. A confirmation message will open asking Yes or No to export.



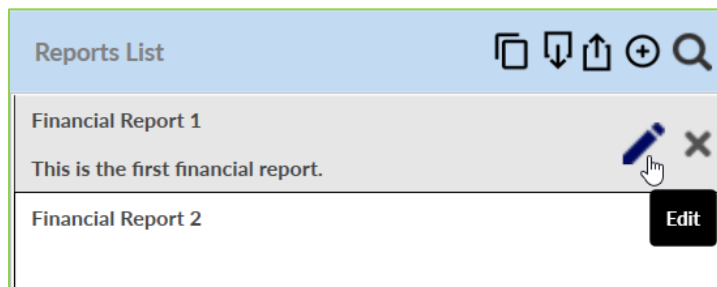
2. Click on the **Yes** button to export. Click on the **No** button to cancel the export.



3. The file will be saved in the XML file format on the computer, or “Browse” to the desired location (by default in "C:\NCR\ENCOR\Export\ExportUtility" folder).

Edit the Report Name and Description

1. Click on the **Edit** button on the report listed in the Report List to be edited. If the report is not visible, then search for the report using the Search feature.



2. Edit the **Report Name** and **Description**.

Create/Edit Report

Report Name*

Financial Report 1

Description

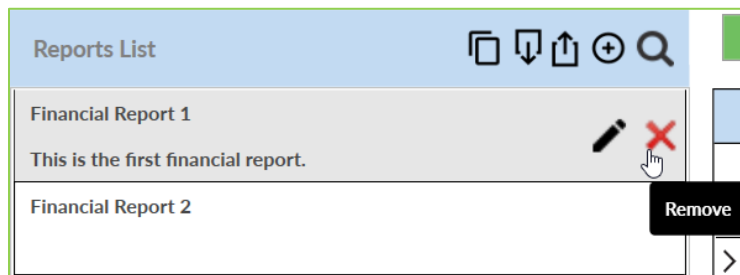
This is the first financial report.

SAVE CANCEL

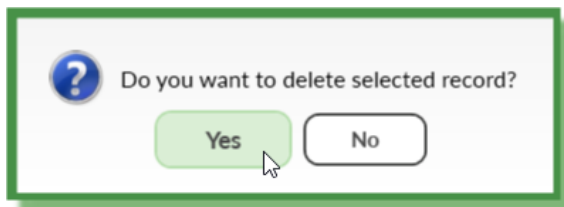
3. Click on the **SAVE** button.

Delete a Report

- Identify the report from the list that is to be deleted. If the report is not visible in the **Reports List**, then search for the report using the Search feature.
- Click on the **X (Remove)** button. A confirmation message will open asking Yes or No to delete.



- Click on the **Yes** button to delete. Click on the **No** button to cancel the delete.



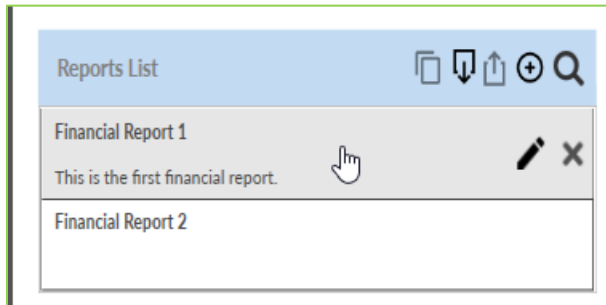
Designing the Financial Reports

After creating the report, the report designing can be done, meaning adding items with their details belonging to Credits, Debits and Memo categories at the require position in the report.

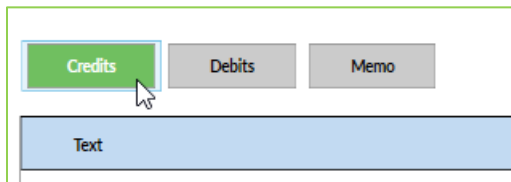
Adding Items in the Report

To add items in the report, follow these steps.

1. From the **Report List** section, users can select the report to be designed.

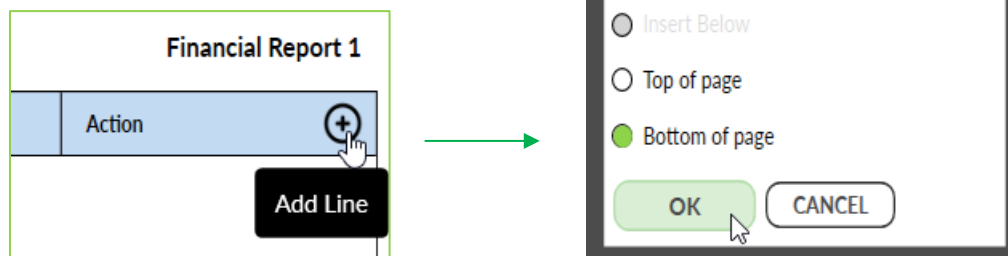


2. Select the category to add in the report. Credits, Debits, or Memo can be selected. By default, Credits is selected.



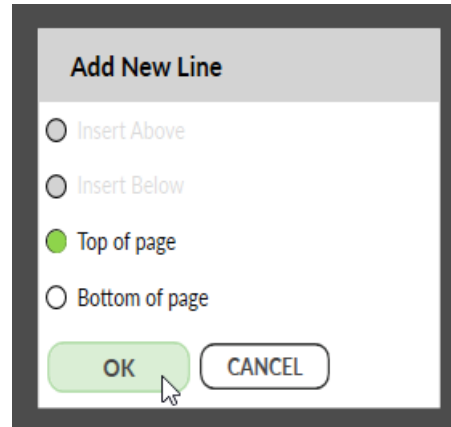
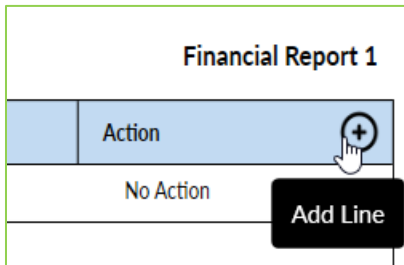
3. Do any one of the following as per the requirement.

- If this is the first item that is being add, then click on the **+** (**Add Line**) button which is within the row of the Action column. A small **Add New Line** window will open. Click on the **OK** button, there will be no need to select a position since it will be the first line. Click **CANCEL** to cancel adding the line.

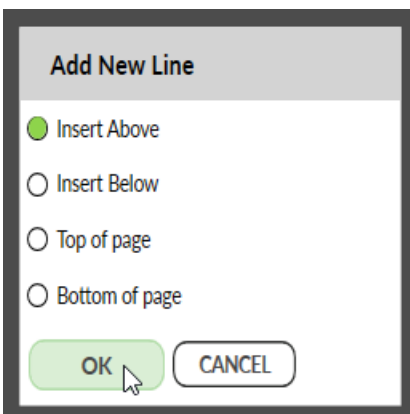
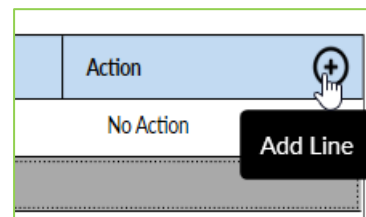
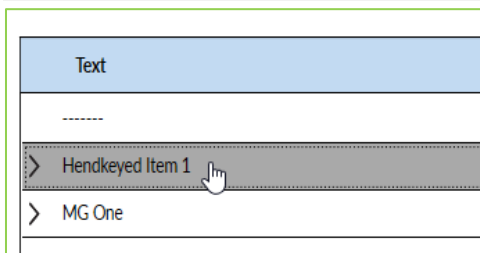


- If items have already been added in the report and users wish to add another item, then identify the position where the new item will be added. If it is at the top or bottom in the report, then click on the **+** (**Add Line**) button, which is within the row of the Action column. A small **Add New Line** window will open. Here the user can select the **Top of page** or **Bottom of page** option. Click on the **OK** button to add the item, or **CANCEL** to

not add the item.



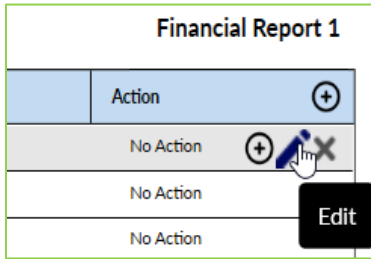
- If the identified position is above or below of an existing item, then select that item, then click on the + (**Add Line**) button, which is within the row of the Action column. A small **Add New Line** window will open, select the **Insert Above** or **Insert Below** option, and click on the **OK** button. Click on the **CANCEL** button if wishes to not add the item.



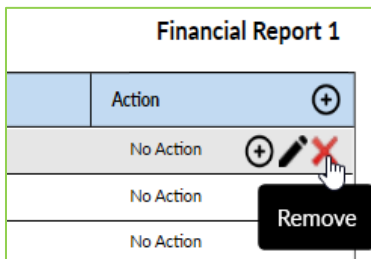
Notes

- Users can edit and delete an existing item in the report from here.

- To edit the line item, select the item, and click on the **Edit** button. The editing steps are highly similar as the adding item steps.



- To delete the item, select the item, and click on the **Remove** button. A popup window will open asking **Yes** or **No** to delete. Click on the **Yes** button. Click the **No** button if user does not want to delete the item.



About Report Item Details

After the adding the items in the report, the item details need to be provided. But before that, it is good to know about the details (and related fields) that are going to be added. Here is what to know.

The screenshot shows a configuration form for "Line Type". It includes the following fields and options:

- Line Type***: A dropdown menu.
- Measure Group**: A dropdown menu.
- Text***: A text input field.
- GL Code**: A text input field.
- Affects Total***: A dropdown menu.
- Security Level***: A dropdown menu with the value "0" selected.
- Text Properties**:
 - Bold**: A toggle switch labeled "OFF".
 - Italic**: A toggle switch labeled "OFF".
 - Underline**: A toggle switch labeled "OFF".
 - Color**: A color selection dropdown menu with "Black" selected.
- Number of spaces to indent (0 to 99)**: A text input field.

LINE TYPE: Line Type is a drop-down menu, clicking on this menu will make a drop-down list appear, where users can select item types. The available item types in the drop-down list are Line, Sub Total, Text, Total and Measure Group. Here are a few details about these selection types.

- **LINE:** Allows users to provide a page break in the report, and to draw “=====” or “-----” line in the report.
- **SUB TOTAL:** This field displays the total of the sale without tax.
- **TEXT:** This is the field name the user wishes to create.
- **TOTAL:** This field displays the total of the sale with tax.
- **MEASURE GROUP:** Measure Group lets users to select measures in the line.

TEXT: Enter the item name.

GL CODE: Enter the GL (General Ledger) Code of the item, this is an optional field. These are numbered accounts that businesses use to keep track of financial transactions in a report.

AFFECTS TOTAL: Click on the Affects Total drop-down menu. A drop-down list will appear, from where the user can select the Affects Total. There are three Affects Total options available that you can select, namely Add, Subtract and No Action.

SECURITY LEVEL: Click on the Security Level drop-down menu. A drop-down list will appear, from where users can select the Security Level of the item. Users can select the level from 0 – 9.

- Security Level – A user with the security level 0 cannot edit a report measure in the report that have security level other than 0.

BOLD: Click on the bold button to bold the name of the item.

ITALIC: Click on the Italic button to italic the name of the item.

UNDERLINE: Click on the Underline button to underline the name of the item.

COLOR: Click on the Color drop-down menu. A drop-down menu will appear, from where user can select the Color of the text of the item name. User can select the color as Black, Red, Blue, Green, and Yellow. By default, the Black color is selected.

NUMBER OF SPACES: Enter the require number of spaces before the item name, if 0 (zero), let it be.

Line Properties-Type: This field appears only when the Line Type “Line” is selected. Click on the Type drop-down menu. A drop-down menu will appear, from where the type of line can be selected. There are three types available:

- “Page Break” - Page Break provides a page break in the report.
- “=====” – This draws a double underscored line in the report, creates a double bottom boarder for the row above.
- “-----“– This draws a single underscored line in the report, creates a single bottom boarder for the row above.

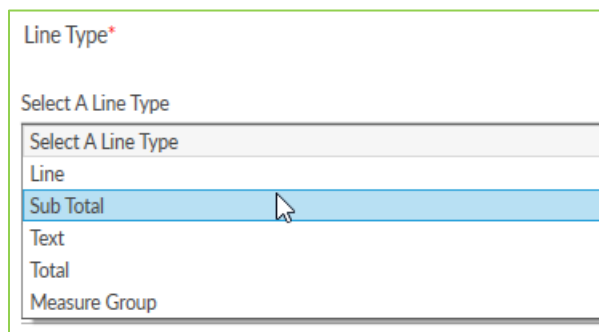
Line Properties-Length: This field also appears only when Line Type as Line is selected. Click on the Length drop-down menu. A drop-down menu will appear, from where the type of length can be selected. There two types available:

- By Column
- By Row

Adding Item Details

Any fields marked with an ‘*’ means that the fields are mandatory. The following steps will explain how to start adding these details.

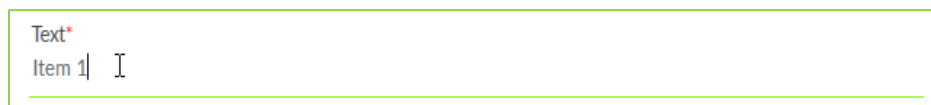
1. Select a **Line Type**, which is the item type to be added. Users can select the Line Type as Line, Sub Total, Text, Total, or Measure Group.



The screenshot shows a dropdown menu titled "Line Type*" with the instruction "Select A Line Type". The menu is open, displaying the following options: "Select A Line Type", "Line", "Sub Total", "Text", "Total", and "Measure Group". The "Sub Total" option is currently selected and highlighted in blue, with a mouse cursor pointing to it.

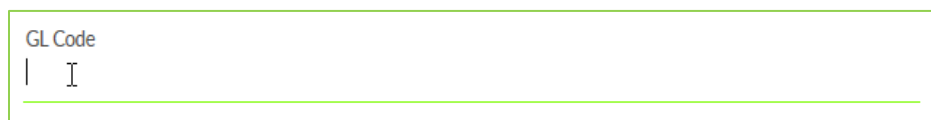
Note: Depending on the Line Type selected, further steps need to be taken. E.g. if the selection of the Line Type is Line then jump to step **10**.

2. Enter the **Text**, which is the name of the entry.



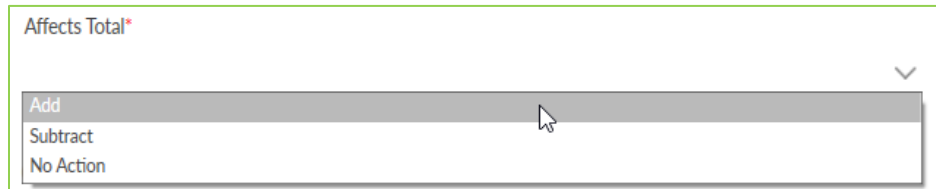
The screenshot shows a text input field labeled "Text*" with the placeholder text "Item 1" and a cursor at the end of the text.

3. Enter the **GL Code** of the entry.



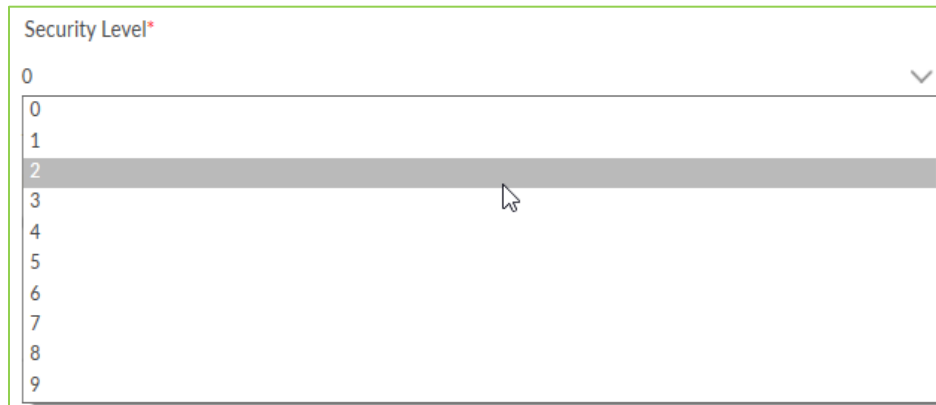
The screenshot shows a text input field labeled "GL Code" with a cursor at the beginning of the field.

4. Select an **Affects Total**, either Add, Subtract or No Action can be selected.



A screenshot of a dropdown menu titled "Affects Total*". The menu is open, showing three options: "Add", "Subtract", and "No Action". A mouse cursor is hovering over the "Add" option.

5. Select a **Security Level**, users can select it from 0 to 9.



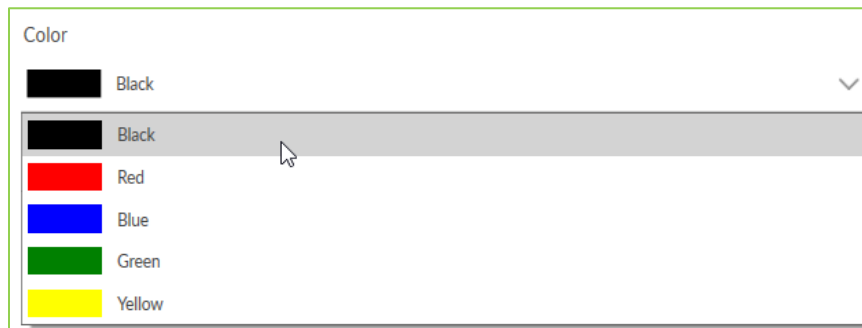
A screenshot of a dropdown menu titled "Security Level*". The menu is open, showing a list of numbers from 0 to 9. The number "2" is highlighted, and a mouse cursor is hovering over it.

6. Select the **Text Properties**, users can make the text look as **Bold**, **Italic** and **Underline**.



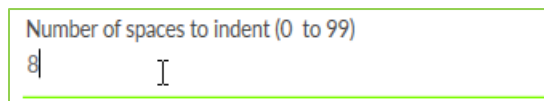
A screenshot of the "Text Properties" section. It contains three toggle switches: "Bold" (ON), "Italic" (OFF), and "Underline" (OFF). A mouse cursor is hovering over the "Bold" toggle.

7. Select the text **Color**.



A screenshot of a dropdown menu titled "Color". The menu is open, showing a list of color options: "Black", "Red", "Blue", "Green", and "Yellow". The "Black" option is highlighted, and a mouse cursor is hovering over it.

8. Enter the **Number of spaces to indent**, which is the number of spaces before the text.



A screenshot of an input field titled "Number of spaces to indent (0 to 99)". The field contains the number "8" and a vertical cursor.

9. Select the **Measure Groups**.

Notes:

- Users can select the Measure Groups only if the Line Type choice is **Sub Total** or **Measure Group**.
- If **Sub Total** is selected, then users can select all the earlier created items where the Line Types is Measure Groups.

- If **Measure Group** is selected, then the available Measures in the application will show. Users have the choice to select only the measures needed, or can select all by clicking on the **Select All**. A **Clear All** selection is also available to unselect all measures.
- More details about measures will be explained in the coming section, “List of Measures”.

Select All		Clear All	
<input checked="" type="checkbox"/>	Opening Amount (Office)	<input checked="" type="checkbox"/>	Balance (Office)
<input type="checkbox"/>	Receipt Amount (Office)	<input type="checkbox"/>	ROA Amount (Office)
<input type="checkbox"/>	Pickup Amount (Office)	<input type="checkbox"/>	Cashier Declare Amount (Office)
<input type="checkbox"/>	Transfer In Amount (Office)	<input type="checkbox"/>	Deposit Amount (Office)
<input type="checkbox"/>	PaidOut Amount (Office)	<input type="checkbox"/>	Float Amount (Office)
<input type="checkbox"/>	Transfer Out Amount (Office)	<input type="checkbox"/>	Safe In Amount (Office)
<input type="checkbox"/>	Safe Out Amount (Office)	<input type="checkbox"/>	Office Over/Short
<input type="checkbox"/>	Opening NRGT (Office)	<input type="checkbox"/>	Item Count (Totals)
<input type="checkbox"/>	Customer Count (Totals)	<input type="checkbox"/>	Net Tender Amount (Totals)
<input type="checkbox"/>	Gross Sales Amount (Totals)	<input type="checkbox"/>	Net Department Amount (Totals)
<input type="checkbox"/>	Void Amount (Totals)	<input type="checkbox"/>	Void Quantity (Totals)
<input type="checkbox"/>	Cancelled Amount (Totals)	<input type="checkbox"/>	Cancelled Quantity (Totals)
<input type="checkbox"/>	Subtracted Amount (Totals)	<input type="checkbox"/>	Subtracted Quantity (Totals)
<input type="checkbox"/>	Cancelled Ticket Amount (Totals)	<input type="checkbox"/>	Cancelled Ticket Quantity (Totals)

10. Select the **Line Properties**, that is Type and Length.

Line Properties

Type* ▼

Length* ▼

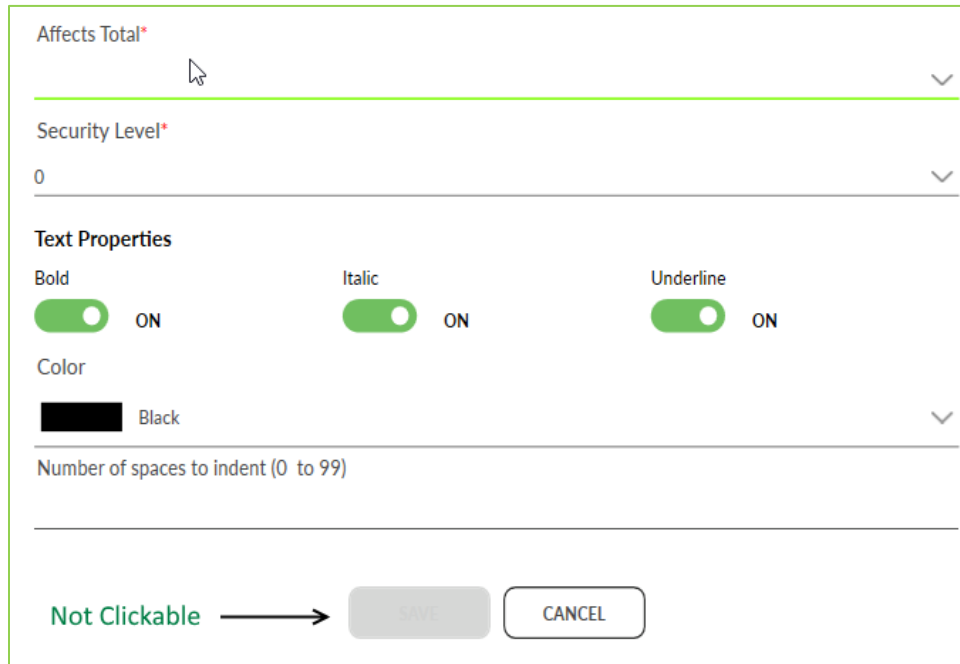
By Column ▼

Note: This field will only be visible if user selects the Line Type as Line.

11. Click on the **SAVE** button.

Note: If any of the mandatory (*) fields is not provided by the users, then the item details cannot be saved. In the example screenshot below, the “Affects Total” field, which is a

mandatory field, is not provided, so the **SAVE** button is not clickable.

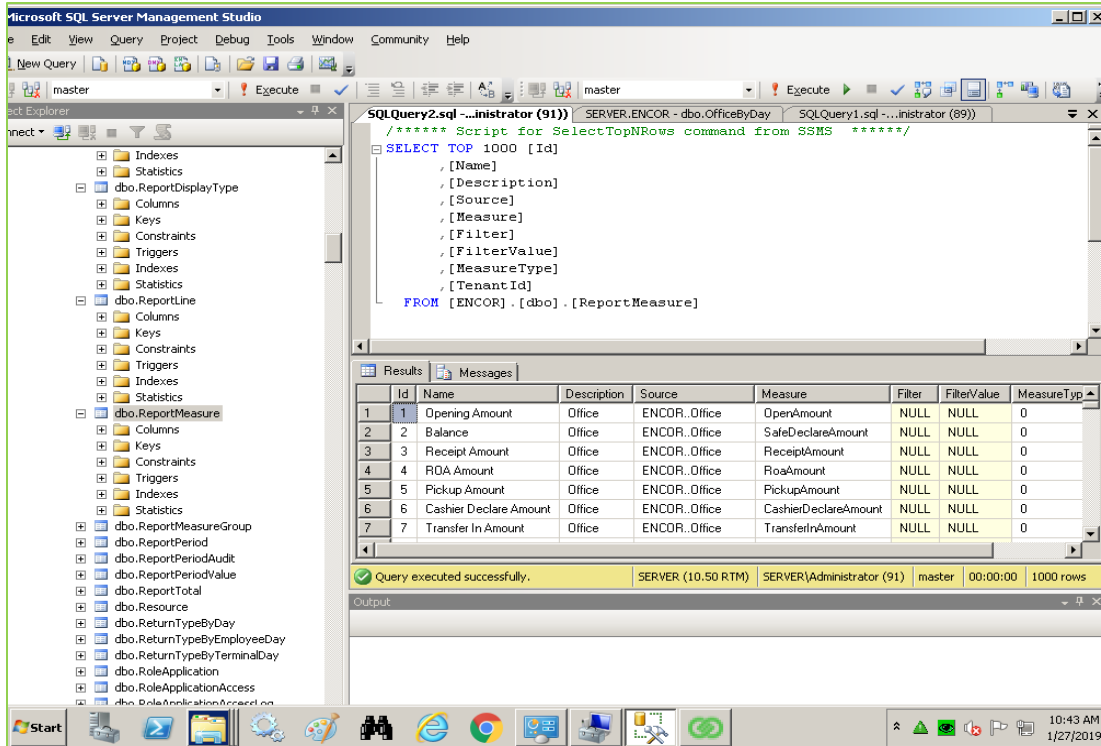


The screenshot shows a form with several fields and controls. At the top, there is a field labeled "Affects Total*" with a dropdown arrow. Below it is a field labeled "Security Level*" with the value "0" and a dropdown arrow. Underneath is a section titled "Text Properties" containing three toggle switches: "Bold" (ON), "Italic" (ON), and "Underline" (ON). Below the toggles is a "Color" field with a black color swatch and the text "Black" and a dropdown arrow. At the bottom of the form is a field labeled "Number of spaces to indent (0 to 99)". At the very bottom, there is a label "Not Clickable" with an arrow pointing to a greyed-out "SAVE" button. A "CANCEL" button is also visible to the right of the "SAVE" button.

List of Report Measures

The Report Measures (totalizers) are various media available, such as POS total fields, Gross Sales, Paid-outs, Voids, Balances, etc. Databases have been added to SQL:

- Report Measure = `dbo.ReportMeasure`
- Report Measure Group = `dbo.ReportMeasureGroup`



Here is a list of Report Measures that users can add to the Financial Reports:

Name	Description
Opening Amount	Office
Balance	Office
Receipt Amount	Office
ROA Amount	Office
Pickup Amount	Office
Cashier Declare Amount	Office
Transfer In Amount	Office

Deposit Amount	Office
PaidOut Amount	Office
Float Amount	Office
Transfer Out Amount	Office
Safe In Amount	Office
Safe Out Amount	Office
Office Over/Short	NULL
Opening NRGT	Office
Item Count	Totals
Customer Count	Totals
Net Tender Amount	Totals
Gross Sales Amount	Totals
Net Department Amount	Totals
Void Amount	Totals
Void Quantity	Totals
Cancelled Amount	Totals
Cancelled Quantity	Totals

Subtracted Amount	Totals
Subtracted Quantity	Totals
Cancelled Ticket Amount	Totals
Cancelled Ticket Quantity	Totals
Items Scanned	Totals
Items Keyed	Totals
Item Department Quantity	Totals
Rings Quantity	Totals
Non Merchant Amount	Totals
Vendor Coupon Amount	Totals
Vendor Coupon Quantity	Totals
Store Coupon Amount	Totals
Store Coupon Quantity	Totals
Bonus Coupon Amount	Totals
Bonus Coupon Quantity	Totals
Food Stamp Amount	Totals
Refund Tax Amount	Totals

Pay Path 1 Amount	Totals
Pay Path 2 Amount	Totals
Pay Path 3 Amount	Totals
Pay Path 4 Amount	Totals
Pay Path 5 Amount	Totals
Non Net Discount Amount	Totals
Discount Amount	Totals
Discount Quantity	Totals
Transaction Amount	Totals
Electronic Coupon Amount	Totals
Electronic Coupon Quantity	Totals
Bottle Deposit Amount	Totals
Bottle Deposit Quantity	Totals
Bottle Refund Amount	Totals
Bottle Refund Qty	Totals
Price Override Amount	Totals
Price Override Quantity	Totals

Non Tax Amount	Totals
Non Tax Refund Amount	Totals
Food Stamp Tax Exempt Amount	Totals
Promotion Discount Amount	Totals
Promotion Discount Quantity	Totals
Last NonResettable Total Amount	Totals
Taxable Refund Amount	Totals
POS Deposit	Totals
POS Withdrawal	Totals
Frequent Shopper Amount	Totals
Promotion Amount	Totals
Non Net Discount Quantity	Totals
STV Coupon Quantity	Totals
STV Coupon Amount	Totals
Electronic/VendorCoupon Amount	Totals
Electronic/VendorCoupon Quantity	Totals

Electronic Store Coupon Amount	Totals
Electronic Store Coupon Quantity	Totals
Number Of Sign Offs	Totals
Number Of Secure Mode	Totals
No Sales Quantity	Totals
Item Not On File	Totals
Traning Mode Amount	Totals
Average Item Amount	Totals
AverageSalesAmount	Totals
Voids	Totals
Opening Loan	Tender
Tender Amount	Tender
Tender Count	Tender
Pickup Amount	Tender
Pickup Count	Tender
Loan Amount	Tender
Loan Count	Tender

POS Payout Amount	Tender
POS Payout Count	Tender
POS ROA Amount	Tender
POS ROA Count	Tender
Carry Over Amount	Tender
Carry Over Count	Tender
Declared Amount	Tender
Declared Quantity	Tender
Regular Amount	Tender
Regular Count	Tender
Express Amount	Tender
Express Count	Tender
Loan Safe Amount	Tender
Loan POS Amount	Tender
Pickup Safe Amount	Tender
Pickup POS Amount	Tender
Tender Id	MiscTransactions

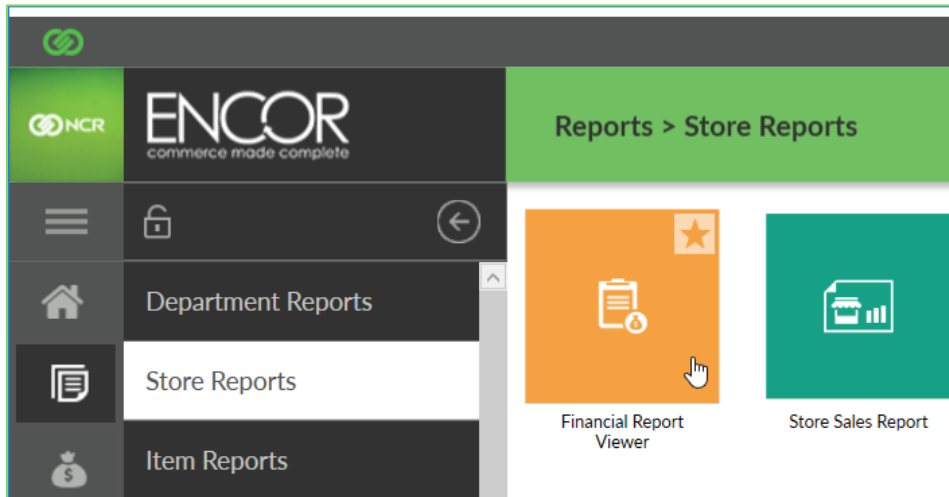
Paid Amount	MiscTransactions
Total Taxable Sales	Tax
Total Tax Refunded	Tax
Total Tax Exempted	Tax
Total Tax Forgiven	Tax

Financial Report Viewer

The Financial Report Viewer enables user to add filters, in the financial report that has been designed using the Financial Report Designer Application. It also lets users print, preview, edit, and export (save) the financial report.

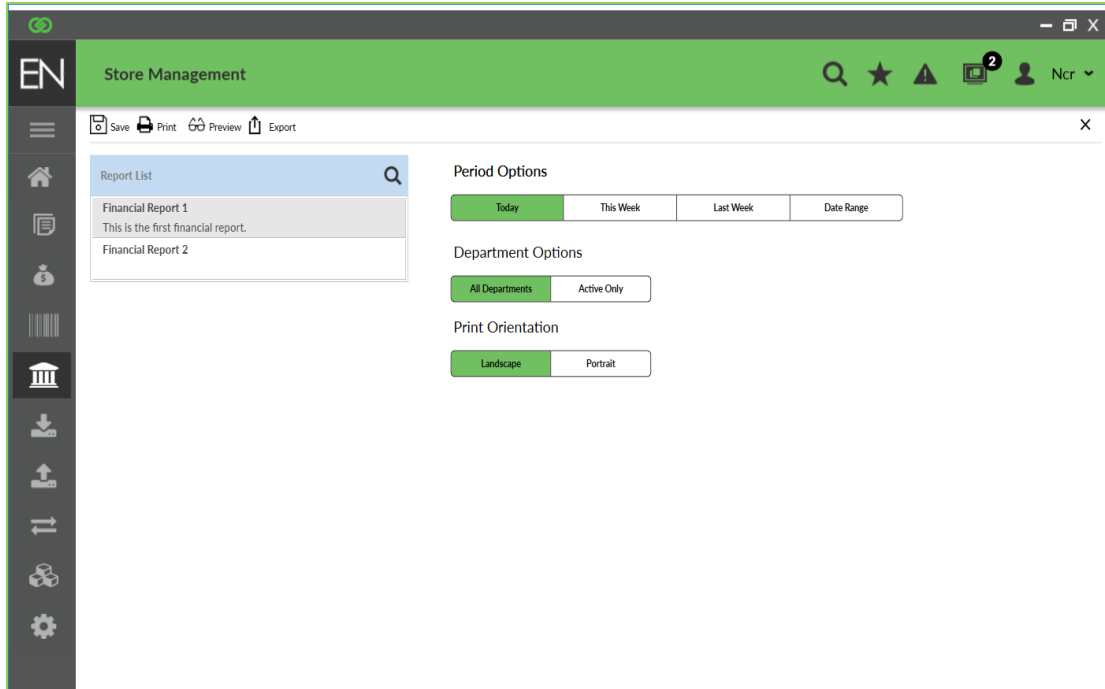
Using the Financial Report Viewer Application

To use the Financial Report Viewer application, open it by going to left panel of ENCOR, and select **Reports > Store Report > Financial Report Viewer** (See the screenshot below). Financial Report Viewer application will open.



After opening this application, users can set filters, print, preview, edit, and export (save) the financial reports that have been designed using the Financial Report Designer Application. The filters that can be set using this application are:

- **Period Options:**
 - Today
 - This Week
 - Last Week
 - Date Range – Allows users to select dates of choice
- **Department Options:**
 - All Departments
 - Active only – Department with zero sales are not active
- **Print Orientation:**
 - Landscape
 - Portrait



Field Descriptions

Search: Click on the Search button to search a report by entering the report details.

Today: Click on the Today button in the Period Options section, to set the period option as today.

This Week: Click on the This Week button in the Period Options section, to set the period option as this week.

Last Week: Click on the Last Week button in the Period Options section, to set the period option as last week.

Date Range: Click on the Date Range button in the Period Options section, to set the period option as date range.

All Departments: Click on the All Departments button in the Department Options section, to set the department option as all departments.

Active Only: Click on the Active Only button in the Department Options section, to set the department option as active only.

Landscape: Click on the Landscape button in the Print Orientation section, to set the print orientation as landscape.

Portrait: Click on the Portrait button in the Print Orientation section, to set the print orientation as portrait.

Save: Click on the Save button to save the filters that have been set in the report.

Print: Click on the Print button to print the report.

Preview: Click on the Preview button to preview the report.

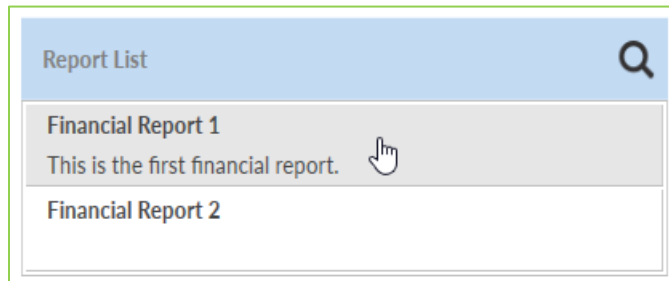
Edit: Click on the Edit button to edit the report.

Export: Click on the Export button to export (save) the report.

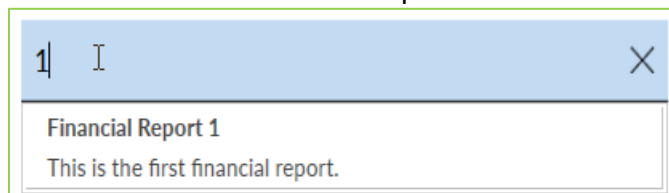
Setting Filters in the Financial Reports

Here are the steps to set Filters in the Financial Report.

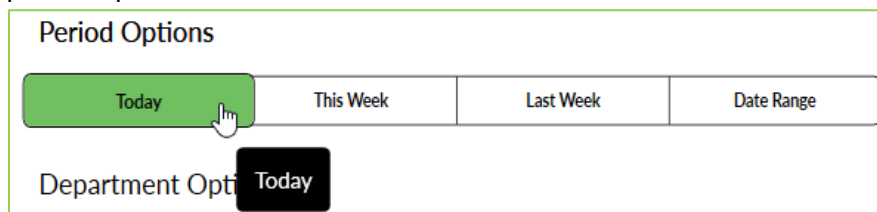
1. Click on anyone of the financial reports in the Report List (on the left side).



Note: If there are many reports in the list, and the user cannot find the one to preview, use the Search option to locate the report.

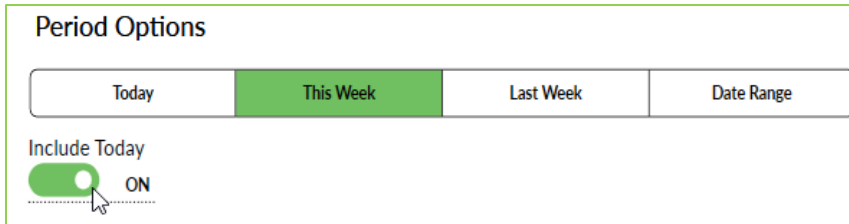


2. Set the Period Options in the report, by clicking on any of the provided period options that include Today, This Week, Last Week and Date Range. By default, Today is selected as the period option.

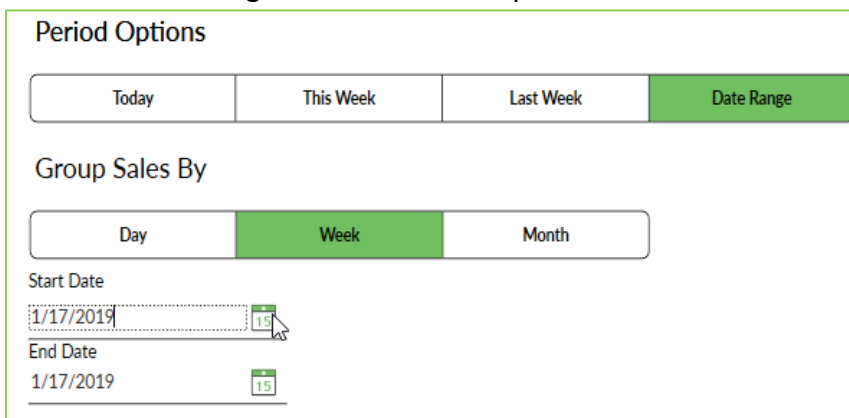


Notes:

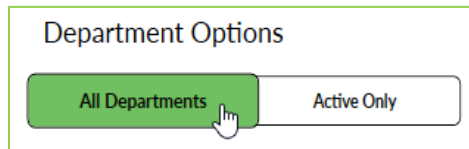
- If the user selects period option as This Week, then the user also has the option to include/exclude today in the week, by clicking on the **Include Today ON/OFF** button.



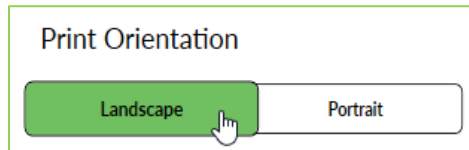
- If user selects period option as Date Range, then the Group Sales By option must also be selected. User can select either Day, Week or Month. Select any of these options by clicking on the button. By default, the **Day** option is selected. After that, user needs to select the date range for the selected option.



3. Setting the Department Options, users can select either All Departments or Active Only as the Department Option. By default, **All Departments** is selected.



4. To set the Print Orientation, users can select either Landscape or Portrait as the Print Orientation. By default, **Landscape** is selected as the Print Orientation.



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

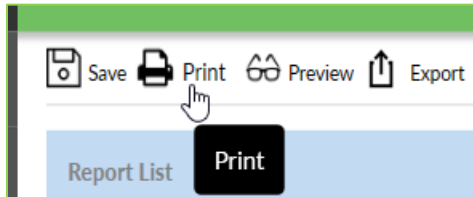


Previewing, Editing, Printing, and Saving the Financial Report

The financial reports can be printed, previewed, edited and export (saved) easily. Here is how the user can perform these tasks.

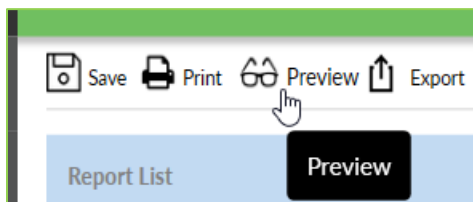
Print the Report

Select the report from the Report List, then go to the top-left corner of this application, click on the **Print** button, and print the report.

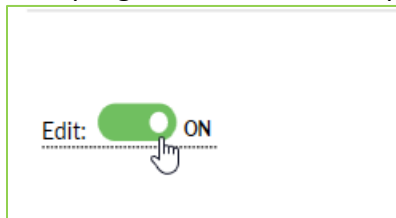


Preview and Edit the Report

Select the report from the Report List, then go to the top-left corner of this application, and click on the **Preview** button.

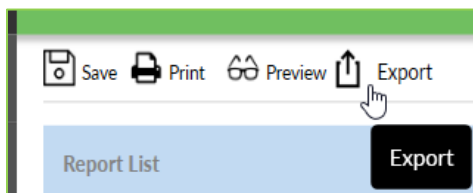


Now, the user can preview the report, and can edit the fields in the report as well. To do this, go to top-right corner of this application, click on the **Edit** button, and edit the require fields.



Export (Save) the Report

Select the report from the Report List, then go to the top-left corner of this application, click on the **Export** button, and save the file on the computer. The file is exportable in the Excel file format.



Sending the Financial Report

One way is that after exporting (saving) the report on the computer, simply email the report.

Future enhancement will be made to email the reports from the Financial Report Viewer.

ENCOR Database Fields for Financial Reporting

The Database Structure has been created for the Financial Reports to call sales from aggregated Transaction Data.

This included links for Report Measures (totalizers) – Departments, Paid In/Out, Returns, Refunds, etc.

The following tables were added to the ENCOR structure for the Financial Report Designer and Viewer:

dbo.DepartmentSalesByDay.Table
dbo.DepartmentSalesByEmployeeDay.Table
dbo.DepartmentSalesByTerminalDay.Table
dbo.DiscountByDay.Table
dbo.MiscTransactionsByDay.Table.sql
dbo.Office.Table
dbo.PlusSalesByDay.Table
dbo.PlusSalesByEmployeeDay.Table
dbo.PlusSalesByTerminalDay.Table
dbo.ProductivityByDay.Table
dbo.ProductivityByEmployeeDay.Table
dbo.ProductivityByTerminalDay.Table
dbo.ProductivityHourlyByDay.Table

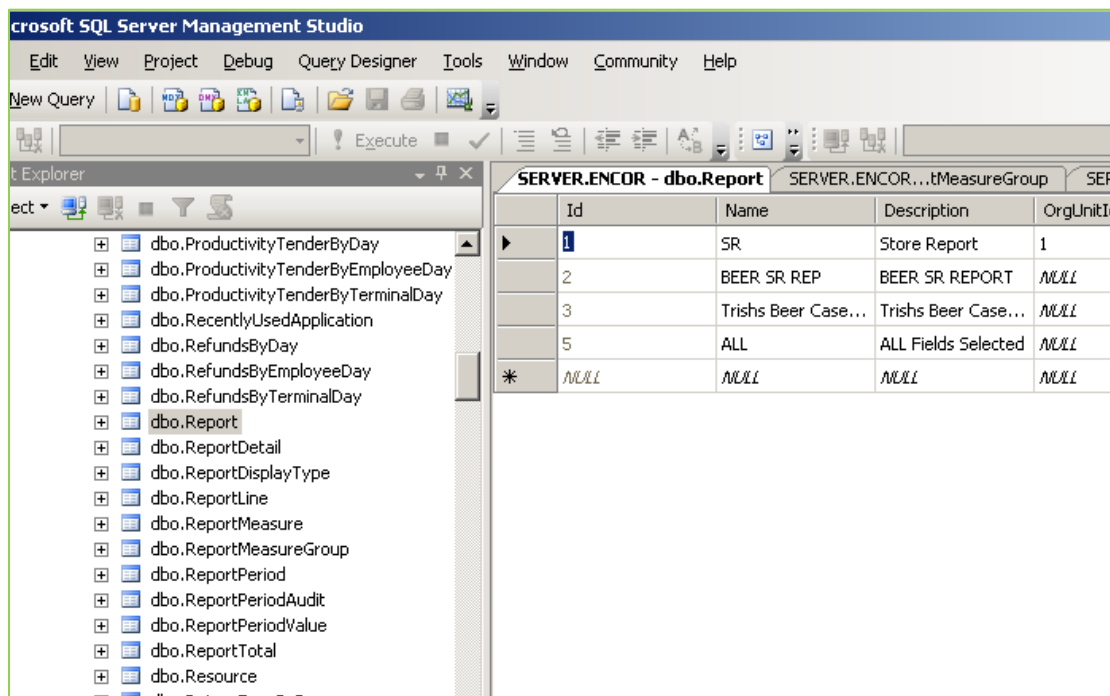
dbo.ProductivityHourlyByEmployeeDay.Table
dbo.ProductivityHourlyByTerminalDay.Table
dbo.ProductivityByEmployeeDay.Table
dbo.ProductivitySalesByTerminalDay.Table
dbo.ProductivityTenderByDay.Table
dbo.ProductivityTenderByEmployeeDay.Table
dbo.ProductivityTenderByTerminalDay.Table
dbo.RefundsByDay.Table
dbo.RefundsByEmployeeDay.Table
dbo.RefundsByTerminalDay.Table
dbo.ReturnTypeByDay.Table
dbo.TaxByDay.Table
dbo.TaxByEmployeeDay.Table
dbo.TaxByTerminalDay.Table
dbo.TenderSalesByTerminalDay.Table
dbo.TenderByDay.Table
dbo.TenderByEmployeeDay.Table

dbo.TenderByTerminalDay.Table
dbo.TenderSalesByDay.Table
dbo.TenderSalesByEmployeeDay.Table
dbo.TotalsByDay.Table
dbo.DiscountByEmployeeDay.Table.sql
dbo.DiscountByTerminalDay.Table.sql
dbo.MiscTransactionsByEmployeeDay.Table.sql
dbo.MiscTransactionsByTerminalDay.Table.sql
dbo.ReturnTypeByEmployeeDay.Table.sql
dbo.ReturnTypeByTerminalDay.Table.sql
dbo.TotalsByEmployeeDay.Table.sql
dbo.TotalsByTerminalDay.Table.sql

Database Additions for Financial Reports

Additional SQL Database entries have been created to handle the Report Details. These include:

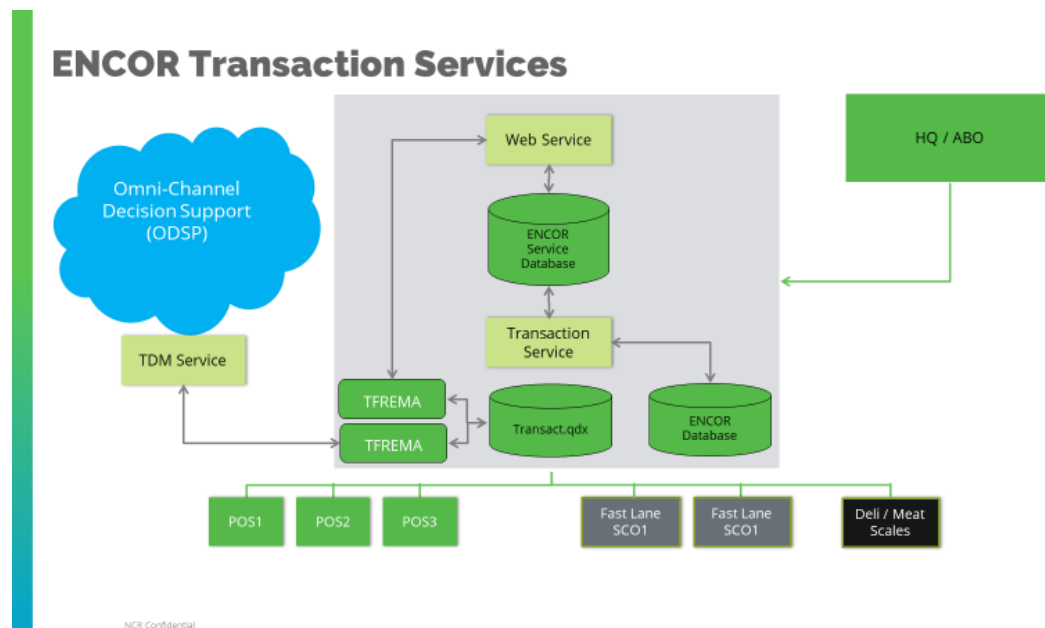
- Report
- Report Detail
- Report Display Type
- Report Line
- Report Total
- Report Totalizer
- Report Totalizer Group



Currently the Financial Reports can only be viewed or printed in EXCEL format. Future date will include more choices.

Technical Flow and Troubleshooting Financial Reports

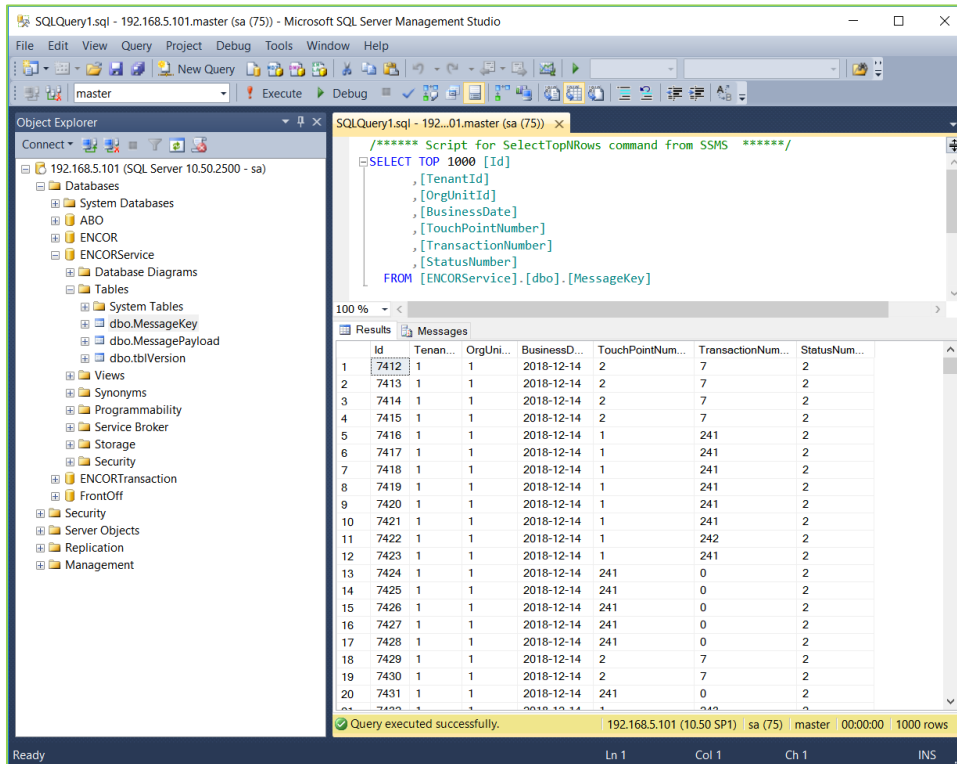
Listed in the next several pages of this document, is a high-level overview and explanation of how the data evolves into the Financial Reports, and how it all pulls together.



The Financial Reports data comes from using the TFREMA and TRANSACT.QDX file. The flows are as follows:

- **TFREMA** takes and converts the **TRANSACT.QDX** file into an .xml format.
- The **TRANSACT.QDX** file calls the **WebServer WebAPI**, if there is a status “0” record.
 - Record Status ‘0’ = a transaction that needs to be process.
- The **WebServer WebAPI**, then takes this data, and puts it into the **ENCORService Database**.
 - The Windows Service continually looks for “0” status records and processes the records.
 - The Windows Service then locks those files and puts the records in a status record of “1”.
 - The service then parses them and puts the records in the ENCORService database table.

- **ENCORService** database tables:
 - **Message Key** – Holds a list of payloads received – Status Number – when imported it sets it to “0”.



The screenshot displays the Microsoft SQL Server Management Studio interface. The Object Explorer on the left shows the database structure for '192.168.5.101 (SQL Server 10.50.2500 - sa)', including the 'ENCORSERVICE' database and its 'dbo.MessageKey' table. The central pane shows a SQL query executed in the 'master' database:

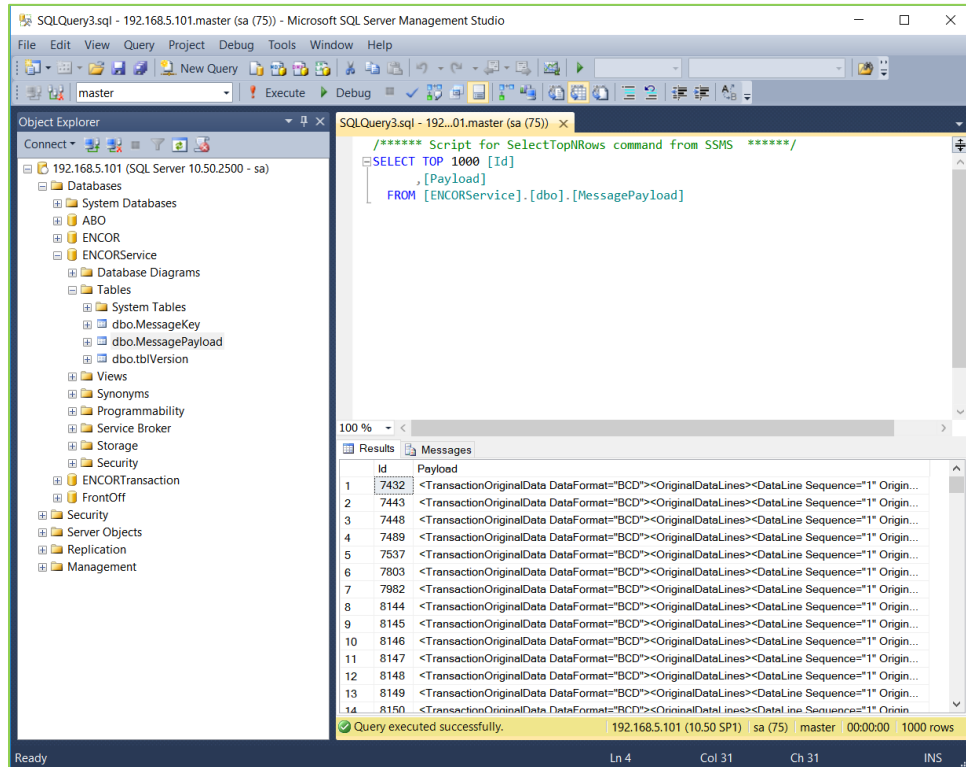
```
/****** Script for SelectTopNRows command from SSMS *****/
SELECT TOP 1000 [Id]
, [TenantId]
, [OrgUnitId]
, [BusinessDate]
, [TouchPointNumber]
, [TransactionNumber]
, [StatusNumber]
FROM [ENCORSERVICE].[dbo].[MessageKey]
```

The Results pane shows the following data:

Id	Tenan...	OrgUni...	BusinessD...	TouchPointNum...	TransactionNum...	StatusNum...
1	7412	1	2018-12-14	2	7	2
2	7413	1	2018-12-14	2	7	2
3	7414	1	2018-12-14	2	7	2
4	7415	1	2018-12-14	2	7	2
5	7416	1	2018-12-14	1	241	2
6	7417	1	2018-12-14	1	241	2
7	7418	1	2018-12-14	1	241	2
8	7419	1	2018-12-14	1	241	2
9	7420	1	2018-12-14	1	241	2
10	7421	1	2018-12-14	1	241	2
11	7422	1	2018-12-14	1	242	2
12	7423	1	2018-12-14	1	241	2
13	7424	1	2018-12-14	241	0	2
14	7425	1	2018-12-14	241	0	2
15	7426	1	2018-12-14	241	0	2
16	7427	1	2018-12-14	241	0	2
17	7428	1	2018-12-14	241	0	2
18	7429	1	2018-12-14	2	7	2
19	7430	1	2018-12-14	2	7	2
20	7431	1	2018-12-14	241	0	2

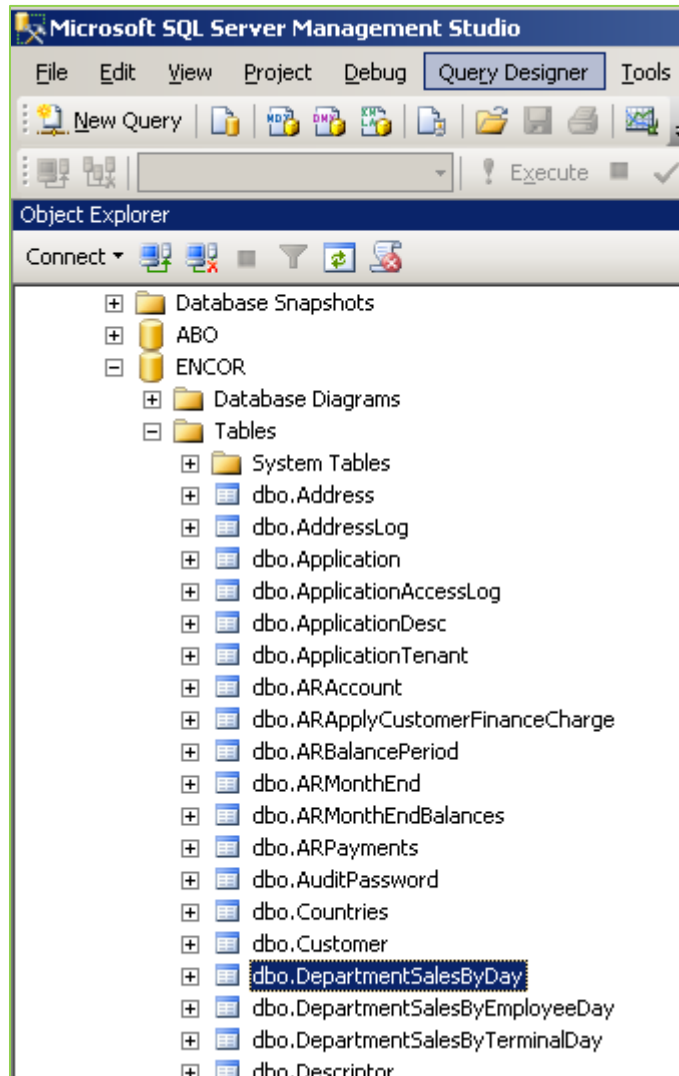
The status bar at the bottom indicates the query was executed successfully, returning 1000 rows in 00:00:00.

- **Message Payload** – Holds all the Transaction ID numbers and .xml files of the transactions.

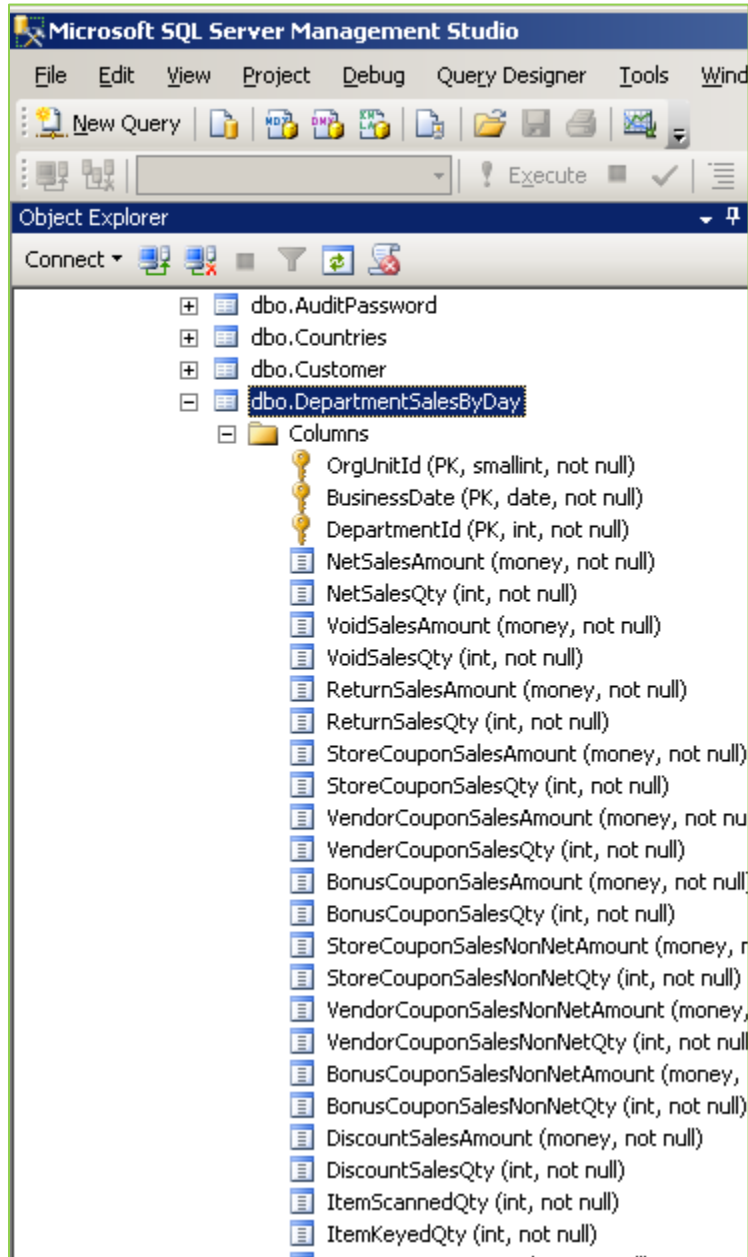


- The **Windows Service** is also writing to the **ENCOR Database**. It writes specific data like “Tenant ID”, “OrgId” (Specific Store#), Business Date, etc.
 - The service reads data and consolidates the data, and the Department and Item Sales Report gets written in the following Tables (to name a few):
 - **DepartmentSalesByDay**
 - **DepartmentSalesByEmployeeDay**
 - **DepartmentSalesByTerminalDay**
 - The same fields are total up for each individual terminal.
 - The FrontOffice table **CUR_DEP_SALES** Table is being mirrored during this time as well.

- The **Department Sales Tables** as shown in SQL Server Management Studio:

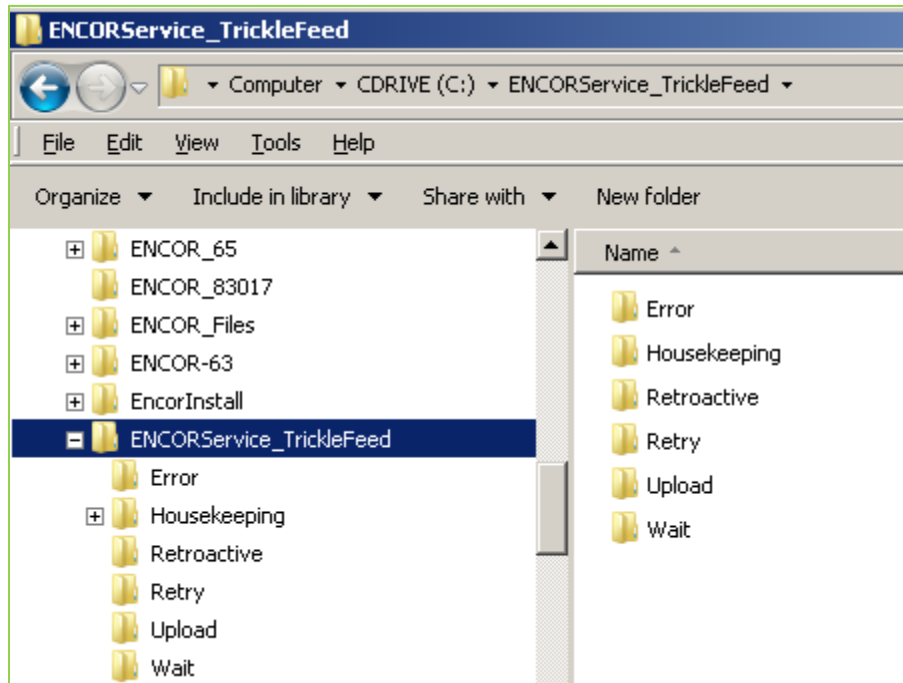


- These Tables hold all pertinent information for the Financial Reports. As shown below, these include **Net Sales Amount, Voids, Returns, Store and Vendor Coupons**, etc.

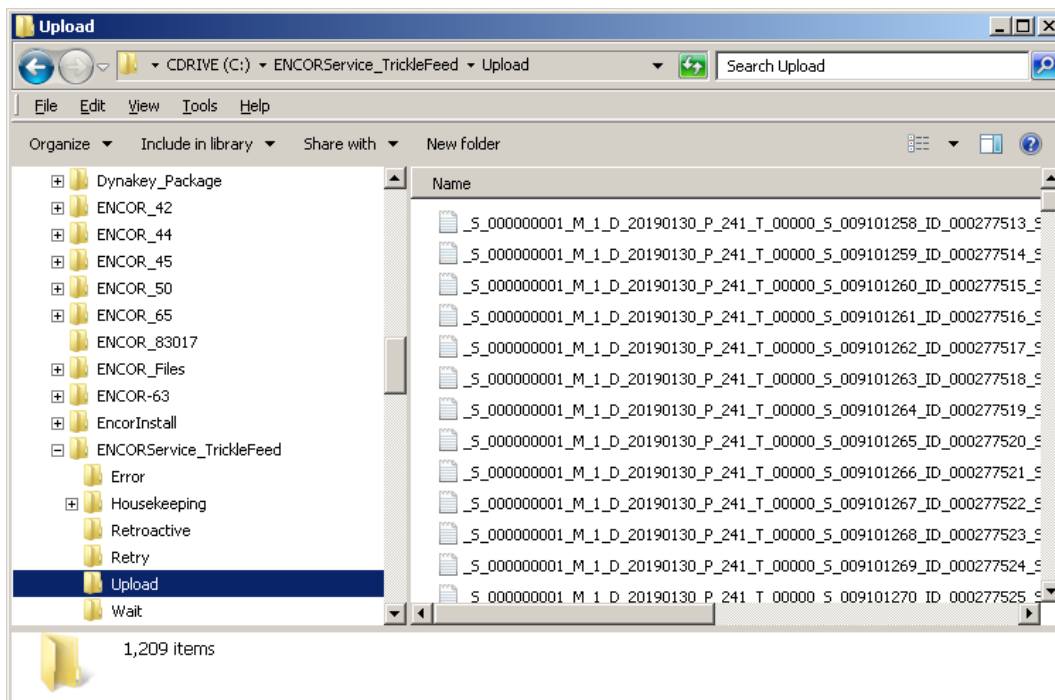


- The created .xml files are save in **C:\ENCORService_TrickleFeed**. If familiar with Loyalty Pro, users will recognize the folders and information store within. The **ENCORService_TrickleFeed** folder contains the sub-folders that are:
 - **Error**
 - **Housekeeping**
 - **Retroactive**
 - **Retry**
 - **Upload**

- Wait



- The .xml files hold all transaction information in Transaction Original Data Format, and then gets parse out. If the .xml files are parsed out successfully, they will reside in the **UPLOAD** folder. Users can also check the **ERROR** folder for files that contains errors and cannot be process.



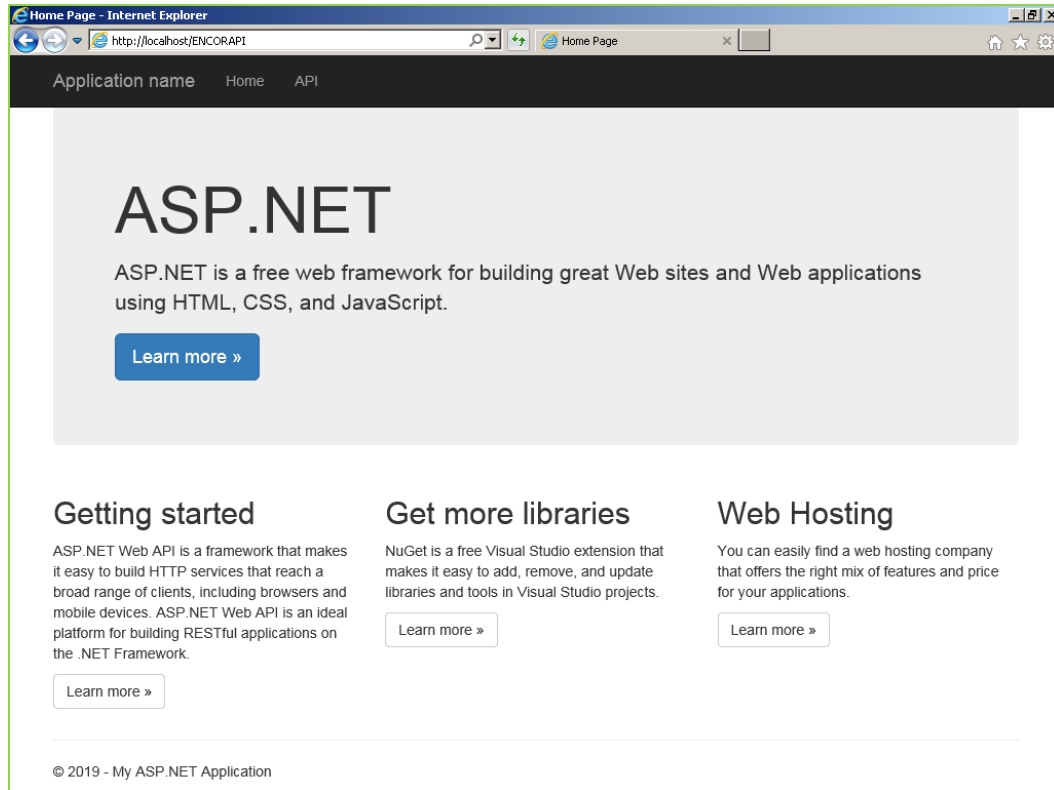
- In C:\PCMASTER\DRV32, a configuration file, **TFREMA.EXE.CONFIG** contains a section for the **TFREMAENCORService**. This information is, by default, in the file.

```

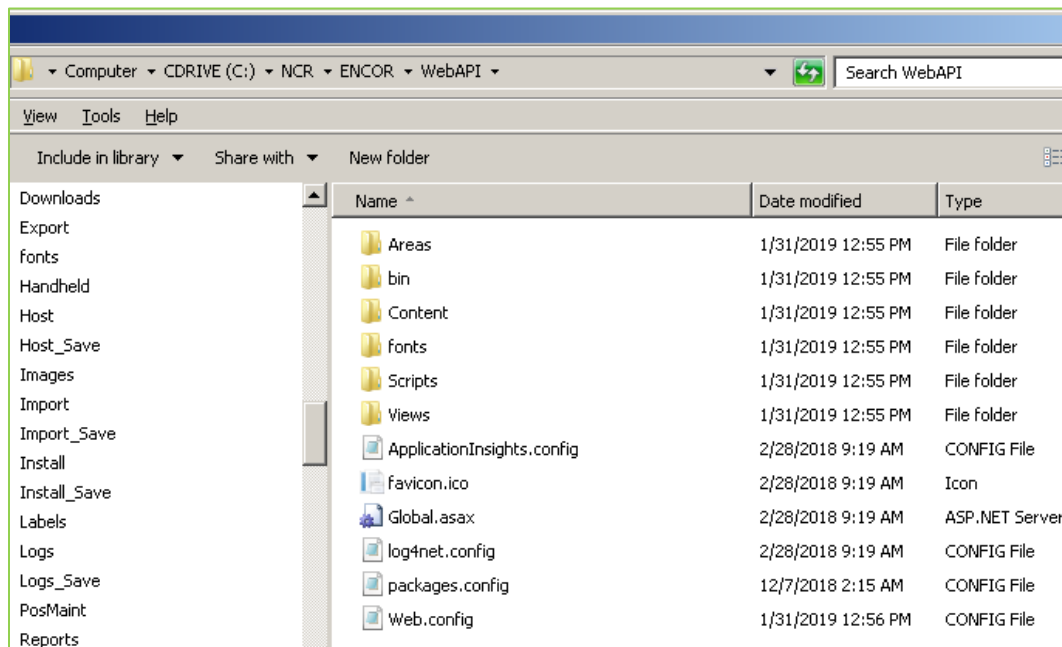
TFREMA.exe.config - Notepad
File Edit Format View Help
<add key="MessageProcessCount" value="10" />
<!-- How many Messages to read and dvide them to x batch per Interval -->
<!-- Retry Folder -->
<add key="RetryMessageProcessInterval" value="10000" />
<add key="RetryMessageProcessCount" value="10" />
<add key="MaxRetryCount" value="0" />
<add key="MaxSendMessage" value="10" />
<!-- Max Message in batch -->
<add key="CompressionMethod" value="" />
<!-- Not compress/gzip -->
<add key="SendPriority" value="new" />
<!-- new/old/queue -->
</TFREMaNR1WebServer>
<TFREMaENCORServer>
<add key="WebServiceUrl" value="http://localhost/ENCORAPI/api/TLogs" />
<add key="AuthorizationUrl" value="http://localhost/ENCORAPI/api/Token" />
<add key="ApplicationKey" value="ENCORService" />
<add key="WebServiceMessageTimeout" value="30000" />
<!-- General -->
<add key="LogFileName" value="TFREMaEncorServiceProvider.log" />
<add key="WebServiceCommunicationFolder" value="c:\ENCORService_TrickleFeed" />
<!-- Flags -->
<add key="StopSendFlag" value="C:\PCMASTER\Flag\TFREMaEncorServiceStopSend.flg" />
<!-- Message will stay in wait folder -->
<add key="StopRetryFlag" value="C:\pcmaster\Flag\TFREMaEncorServiceStopRetry.flg" />
<!-- Stop move Message from Retry to Wait folder -->
<add key="OfflineFlag" value="C:\pcmaster\Flag\TFREMaEncorServiceOffLine.flg" />
<!-- Emulate offline without timeout -->
<add key="IgnoreFlag" value="C:\pcmaster\Flag\TFREMaEncorServiceIgnore.flg" />
<!-- Ignore Web Service mechanism -->
<!-- Wait Folder -->
<add key="MessageProcessInterval" value="1000" />
<add key="MessageProcessCount" value="10" />
<!-- How many Messages to read and dvide them to x batch per Interval -->
<!-- Retry Folder -->
<add key="RetryMessageProcessInterval" value="10000" />
<add key="RetryMessageProcessCount" value="10" />

```

- The **ENCORService** (Application Key) sends information (TLOGS) across the network via the **WebAPI**.
Note: The WebAPI is not a Service.
- Users can test the connection by taking the address from this file, <http://localhost/ENCORAPI>, and place it in Internet Explorer, and it should come back with a connection message.
 - **ASP .NET** website is used to send information and get a response.



- In C:\NCR\ENCOR\WEBAPI folder, there is a WEB.CONFIG file which contains configuration information, and is set with default settings.



- The “ApplicationKey” sends information to ENCORSERVICE.

```

IAACAAAAC5aATDanMRV1CO8HBBx1ku8urZ1IX1ESxbBQseH5a1YEACAAB7ku0H3HTs1g7nhBch8I73sCXjtzf14uo1
5ZA7wzrfpWUqTnnsWBvtA0axvhe28rgMETJgCweEgpx/RZWRP13QmFwMvsGun9KxDHDrKv67vIwOROZz99de10j7OM
OW18grkWNxMpRN9HFtancwBhcXvmIw52XU/uwipedr1hkvxo9+Fei3dqDVPvvyOwvnFEkhV02L2mkeAxJdGCNeuhKJC
1K3xcfcfRQJafWs4HhF0N8vAdT1dEZ6DvFtn0gn3d8tGOA1xu66gkyprnz5BY9UFbBQ6H9h4gR5e/qznj2VwZvbtBzvz
PZnt1SsyA7K614T61/5nQnaFy463aaQV+jj+
+vB8makQuIdUCuWvvy/Sw/KOHRIF10FrSaJBOSvUDLmxy/L9uz0j0kgEys5ouzzYmQ7v8eioCCR6r1mN5KMaHkNg/2x
r3kCauZwMjhd1FCuihlj7Tn9bveyRAv7ks1x0ifhjWARvh6N79IRRV6aus7KkaPHEy2Mcxu3Iy9cww01wbaGd
+JbhrJhwzWgPANFjUEkMGEKvBEwRqFHajeNtQXIVF8esdtLjXM9IhH2qJxwE16bohJBU4RAn5Sumq5TduToV3YkdAx
ZEAsjt6+kYGTHzes5aohHw2FAN2HE/kcTKw92UBMiNSRZIIr2uGRtuzLYJfvz/KC790Lqv2PCC14aii0dzDunBzQP
+/1xzJ7cVVO511n7RCmyxCXce5oMISpNv/TJP7rgtx3UhSsr20Bt1BBJR7BAK7xYuB0gOpF4AtAAAAA5b6/1Ad1JL2
YI9jnP9MSMieQ7xdEc+1QwoQM
+2qUbrFctRu0wH6ugtMRBhUFbuFmqQkznZ8xSoUnAVjz00jjkW==</CipherValue>
</CipherData>
</EncryptedData>
</connectionStrings>

<appSettings>
  <add key="webpages:Version" value="3.0.0.0" />
  <add key="webpages:Enabled" value="false" />
  <add key="ClientValidationEnabled" value="true" />
  <add key="UnobtrusiveJavaScriptEnabled" value="true" />
  <add key="TokenExpiringTime" value="60" />
  <add key="ApplicationKey" value="ENCORSERVICE" />
</appSettings>
<system.web>
  <compilation debug="true" targetFramework="4.5.2" />
  <httpRuntime targetFramework="4.5.2" />
  <httpModules>
    <add name="ApplicationInsightsWebTracking"
type="Microsoft.ApplicationInsights.Web.ApplicationInsightsHttpModule, Microsoft.AI.Web"
/>
  </httpModules>
</system.web>
<system.webServer>

  <validation validateIntegratedModeConfiguration="false" />
  <modules runAllManagedModulesForAllRequests="true">

```

- TFREMA Service Provider reads the information, then encrypts it, and sends it to the WebService WebAPI. If the information matches, it sends a security token. As shown in the below TFRemaEncorServiceProvider.log, a security “Token” is retrieved for the ENCORSERVICE WebAPI with a success message.

```

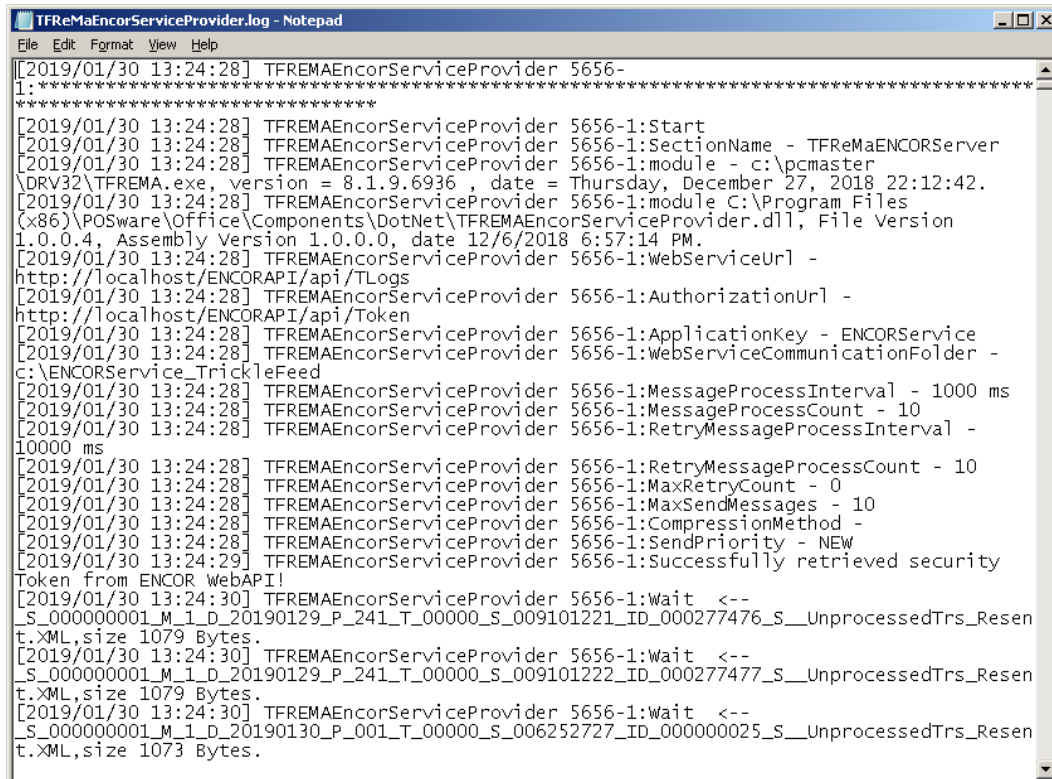
[2019/01/30 13:24:28] TFRemaEncorServiceProvider 5656-1:RetryMessageProcessCount - 10
[2019/01/30 13:24:28] TFRemaEncorServiceProvider 5656-1:MaxRetryCount - 0
[2019/01/30 13:24:28] TFRemaEncorServiceProvider 5656-1:MaxSendMessages - 10
[2019/01/30 13:24:28] TFRemaEncorServiceProvider 5656-1:CompressionMethod -
[2019/01/30 13:24:28] TFRemaEncorServiceProvider 5656-1:SendPriority - NEW
[2019/01/30 13:24:29] TFRemaEncorServiceProvider 5656-1:Successfully retrieved security
Token from ENCORSERVICE WebAPI
[2019/01/30 13:24:30] TFRemaEncorServiceProvider 5656-1:Wait <--
_S_000000001_M_1_D_20190129_P_241_T_00000_S_009101221_ID_000277476_S__UnprocessedTrs_Resen
t.XML,size 1079 Bytes.
[2019/01/30 13:24:30] TFRemaEncorServiceProvider 5656-1:Wait <--
_S_000000001_M_1_D_20190129_P_241_T_00000_S_009101222_ID_000277477_S__UnprocessedTrs_Resen
t.XML,size 1079 Bytes.
[2019/01/30 13:24:30] TFRemaEncorServiceProvider 5656-1:Wait <--
_S_000000001_M_1_D_20190130_P_001_T_00000_S_006252727_ID_000000025_S__UnprocessedTrs_Resen
t.XML,size 1073 Bytes.
[2019/01/30 13:24:30] TFRemaEncorServiceProvider 5656-1:Wait <--
_S_000000001_M_1_D_20190130_P_001_T_00000_S_006252728_ID_000000026_S__UnprocessedTrs_Resen
t.XML,size 1073 Bytes.
[2019/01/30 13:24:30] TFRemaEncorServiceProvider 5656-1:Wait <--
_S_000000001_M_1_D_20190130_P_001_T_00000_S_006252729_ID_000000027_S__UnprocessedTrs_Resen

```

When **Token** is accepted, .xml files will be sent.

- The TFRemaEncorServiceProvider.log provides the following details:
 - The ENCORSERVICE Transaction logging.
 - Communication log – shows if there are any issues between the WebService and TFRema.

- Resides in C:\PCMASTER\LOGS Folder.

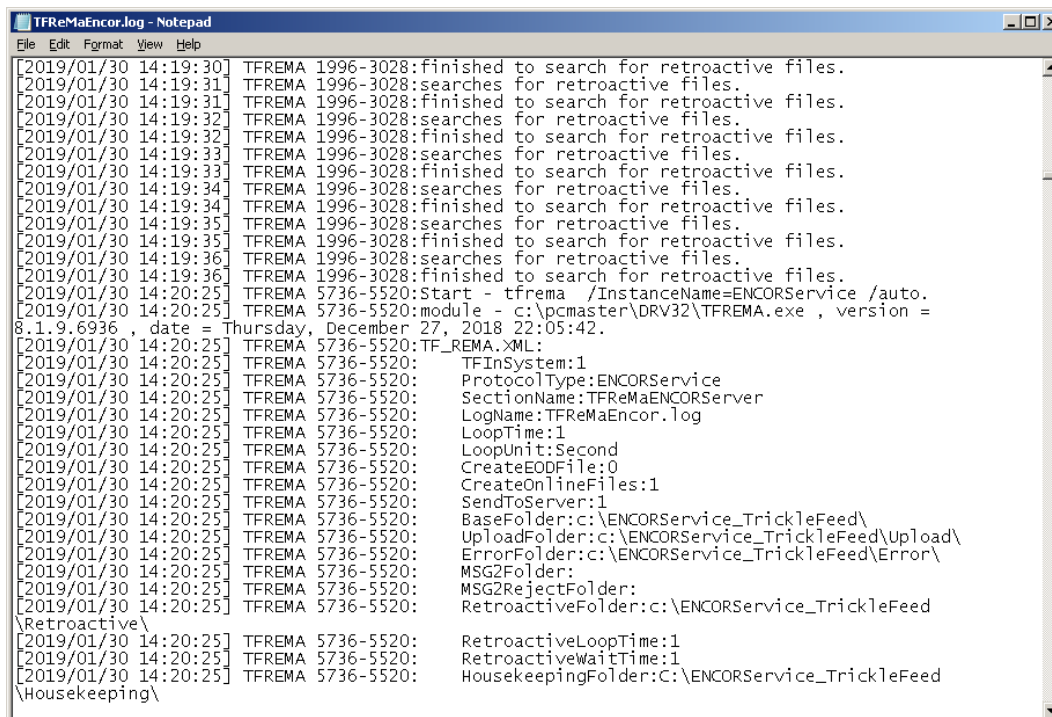


```

[2019/01/30 13:24:28] TFRemaEncorServiceProvIder 5656-1:*****
1:*****
*****
[2019/01/30 13:24:28] TFRemaEncorServiceProvIder 5656-1:Start
[2019/01/30 13:24:28] TFRemaEncorServiceProvIder 5656-1:SectionName - TFRemaENCORServer
[2019/01/30 13:24:28] TFRemaEncorServiceProvIder 5656-1:module - c:\pcmaster
\DRV32\TFRema.exe, version = 8.1.9.6936 , date = Thursday, December 27, 2018 22:12:42.
[2019/01/30 13:24:28] TFRemaEncorServiceProvIder 5656-1:module C:\Program Files
(x86)\POSware\Office\Components\DotNet\TFRemaEncorServiceProvIder.dll, File Version
1.0.0.4, Assembly Version 1.0.0.0, date 12/6/2018 6:57:14 PM.
[2019/01/30 13:24:28] TFRemaEncorServiceProvIder 5656-1:WebServiceUrl -
http://localhost/ENCORAPI/api/TLogs
[2019/01/30 13:24:28] TFRemaEncorServiceProvIder 5656-1:AuthorizationUrl -
http://localhost/ENCORAPI/api/Token
[2019/01/30 13:24:28] TFRemaEncorServiceProvIder 5656-1:ApplicationKey - ENCORService
[2019/01/30 13:24:28] TFRemaEncorServiceProvIder 5656-1:WebServiceCommunicationFolder -
c:\ENCORService_TrickleFeed
[2019/01/30 13:24:28] TFRemaEncorServiceProvIder 5656-1:MessageProcessInterval - 1000 ms
[2019/01/30 13:24:28] TFRemaEncorServiceProvIder 5656-1:MessageProcessCount - 10
[2019/01/30 13:24:28] TFRemaEncorServiceProvIder 5656-1:RetryMessageProcessInterval -
10000 ms
[2019/01/30 13:24:28] TFRemaEncorServiceProvIder 5656-1:RetryMessageProcessCount - 10
[2019/01/30 13:24:28] TFRemaEncorServiceProvIder 5656-1:MaxRetryCount - 0
[2019/01/30 13:24:28] TFRemaEncorServiceProvIder 5656-1:MaxSendMessage - 10
[2019/01/30 13:24:28] TFRemaEncorServiceProvIder 5656-1:CompressionMethod -
[2019/01/30 13:24:28] TFRemaEncorServiceProvIder 5656-1:SendPriority - NEW
[2019/01/30 13:24:29] TFRemaEncorServiceProvIder 5656-1:Successfully retrieved security
Token from ENCOR WebAPI!
[2019/01/30 13:24:30] TFRemaEncorServiceProvIder 5656-1:Wait <--
_S_000000001_M_1_D_20190129_P_241_T_000000_S_009101221_ID_000277476_S__UnprocessedTrs_Resen
t.XML,size 1079 Bytes.
[2019/01/30 13:24:30] TFRemaEncorServiceProvIder 5656-1:Wait <--
_S_000000001_M_1_D_20190129_P_241_T_000000_S_009101222_ID_000277477_S__UnprocessedTrs_Resen
t.XML,size 1079 Bytes.
[2019/01/30 13:24:30] TFRemaEncorServiceProvIder 5656-1:Wait <--
_S_000000001_M_1_D_20190130_P_001_T_000000_S_006252727_ID_000000025_S__UnprocessedTrs_Resen
t.XML,size 1073 Bytes.

```

- Another useful log, located in C:\PCMASTER\LOG Folder is the **TFRemaENCOR.LOG**.
 - This log shows if TFRema is set in the system.
 - Logs checking for “Retroactive” files.
 - Errors and Rejected Files.

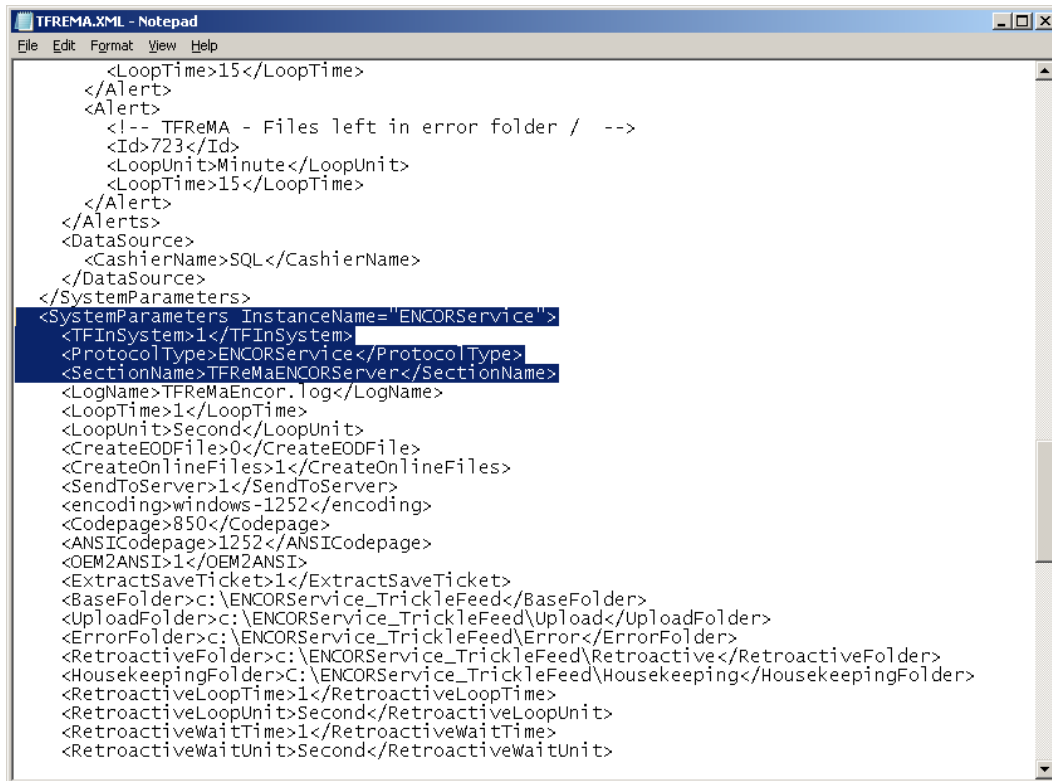


```

[2019/01/30 14:19:30] TFRema 1996-3028:finished to search for retroactive files.
[2019/01/30 14:19:31] TFRema 1996-3028:searches for retroactive files.
[2019/01/30 14:19:31] TFRema 1996-3028:finished to search for retroactive files.
[2019/01/30 14:19:32] TFRema 1996-3028:searches for retroactive files.
[2019/01/30 14:19:32] TFRema 1996-3028:finished to search for retroactive files.
[2019/01/30 14:19:33] TFRema 1996-3028:searches for retroactive files.
[2019/01/30 14:19:33] TFRema 1996-3028:finished to search for retroactive files.
[2019/01/30 14:19:34] TFRema 1996-3028:searches for retroactive files.
[2019/01/30 14:19:34] TFRema 1996-3028:finished to search for retroactive files.
[2019/01/30 14:19:35] TFRema 1996-3028:searches for retroactive files.
[2019/01/30 14:19:35] TFRema 1996-3028:finished to search for retroactive files.
[2019/01/30 14:19:36] TFRema 1996-3028:searches for retroactive files.
[2019/01/30 14:19:36] TFRema 1996-3028:finished to search for retroactive files.
[2019/01/30 14:20:25] TFRema 5736-5520:Start - tfrema /InstanceName=ENCORService /auto.
[2019/01/30 14:20:25] TFRema 5736-5520:module - c:\pcmaster\DRV32\TFRema.exe , version =
8.1.9.6936 , date = Thursday, December 27, 2018 22:05:42.
[2019/01/30 14:20:25] TFRema 5736-5520:TF_REMA.XML:
TFRema 5736-5520: TFInSystem:1
TFRema 5736-5520: ProtocolType:ENCORService
TFRema 5736-5520: SectionName:TFRemaENCORServer
TFRema 5736-5520: LogName:TFRemaEncor.log
TFRema 5736-5520: LoopTime:1
TFRema 5736-5520: LoopUnit:Second
TFRema 5736-5520: CreateEODFile:0
TFRema 5736-5520: CreateOnlineFiles:1
TFRema 5736-5520: SendToServer:1
TFRema 5736-5520: BaseFolder:c:\ENCORService_TrickleFeed\
TFRema 5736-5520: UploadFolder:c:\ENCORService_TrickleFeed\Upload\
TFRema 5736-5520: ErrorFolder:c:\ENCORService_TrickleFeed\Error\
TFRema 5736-5520: MSG2Folder:
TFRema 5736-5520: MSG2RejectFolder:
TFRema 5736-5520: RetroactiveFolder:c:\ENCORService_TrickleFeed
\Retroactive\
[2019/01/30 14:20:25] TFRema 5736-5520: RetroactiveLoopTime:1
[2019/01/30 14:20:25] TFRema 5736-5520: RetroactiveWaitTime:1
[2019/01/30 14:20:25] TFRema 5736-5520: HousekeepingFolder:C:\ENCORService_TrickleFeed
\Housekeeping\

```

- The TFREMA.XML file contains an ENCORService “Instance Name” and is if “TFInSystem” is on.

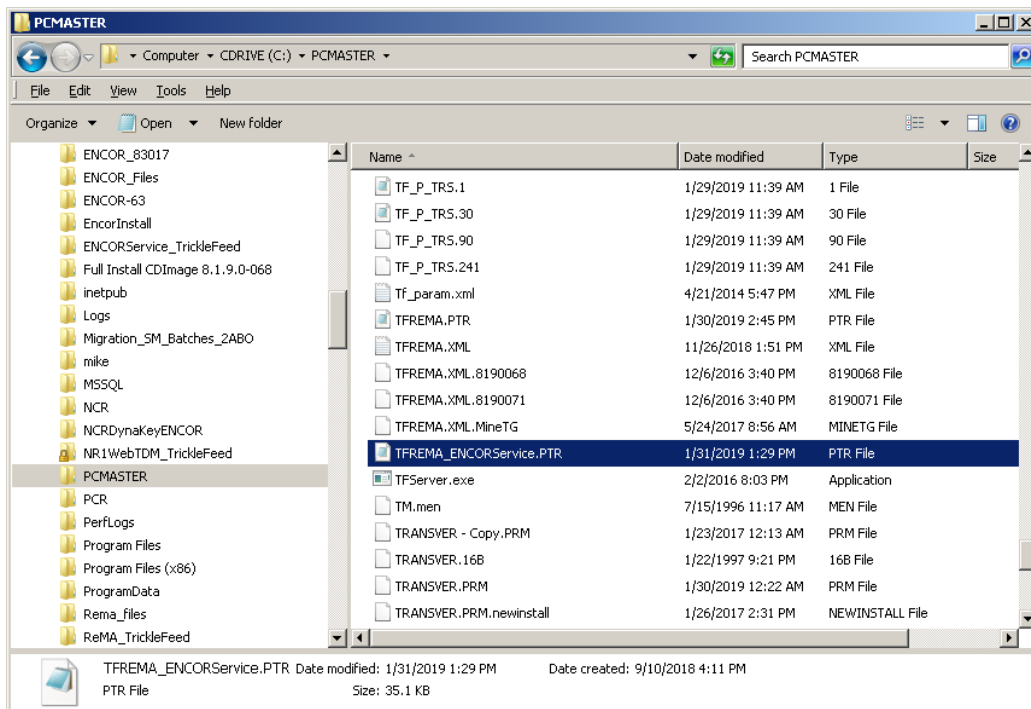


```

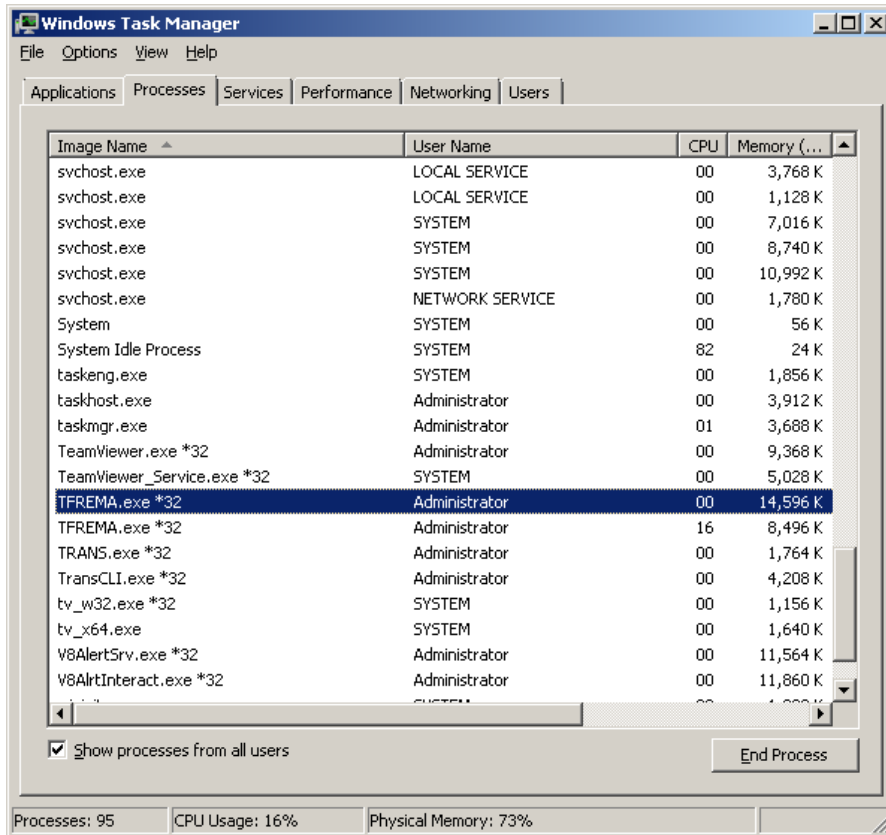
<LoopTime>15</LoopTime>
</Alert>
<Alert>
  <!-- TFRema - Files left in error folder / -->
  <Id>723</Id>
  <LoopUnit>Minute</LoopUnit>
  <LoopTime>15</LoopTime>
</Alert>
</Alerts>
<DataSource>
  <CashierName>SQL</CashierName>
</DataSource>
</SystemParameters>
<SystemParameters InstanceName="ENCORService">
  <TFInSystem>1</TFInSystem>
  <ProtocolType>ENCORService</ProtocolType>
  <SectionName>TFRemaENCORServer</SectionName>
  <LogName>TFRemaEncor.log</LogName>
  <LoopTime>1</LoopTime>
  <LoopUnit>Second</LoopUnit>
  <CreateEODFile>0</CreateEODFile>
  <CreateOnlineFiles>1</CreateOnlineFiles>
  <SendToServer>1</SendToServer>
  <encoding>windows-1252</encoding>
  <Codepage>850</Codepage>
  <ANSICodepage>1252</ANSICodepage>
  <OEM2ANSI>1</OEM2ANSI>
  <ExtractSaveTicket>1</ExtractSaveTicket>
  <BaseFolder>c:\ENCORService_TrickleFeed</BaseFolder>
  <UploadFolder>c:\ENCORService_TrickleFeed\Upload</UploadFolder>
  <ErrorFolder>c:\ENCORService_TrickleFeed\Error</ErrorFolder>
  <RetroactiveFolder>c:\ENCORService_TrickleFeed\Retroactive</RetroactiveFolder>
  <HousekeepingFolder>c:\ENCORService_TrickleFeed\Housekeeping</HousekeepingFolder>
  <RetroactiveLoopTime>1</RetroactiveLoopTime>
  <RetroactiveLoopUnit>Second</RetroactiveLoopUnit>
  <RetroactiveWaitTime>1</RetroactiveWaitTime>
  <RetroactiveWaitUnit>Second</RetroactiveWaitUnit>

```

- The TREMA_ENCORSERVICE.PTR file resides in C:\PCMASTER and its function is to keep track of the location in the TRANSACT.QDX file.



- In Task Manager, there can be two TFREMA.EXE running at the same time. If using Loyalty Pro, then one executable will run for this feature. The other will run for the Financial Reports.



- If the user needs to stop and restart the TFREMA, then the following commands can be used in COMMAND PROMPT:
 - Go to C:\PCMASTER and type `tfrema /InstanceName=ENCORService /`
 - `/auto` = Starts up TFREMA.EXE
 - `/exit` = Stops TFREMA.EXE
 - `/zeroptr` = resets the pointers for service mode

```

Administrator: Command Prompt
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>cd..
C:\Users>cd..
C:\>cd pcmaster
C:\PCMASTER>tfrema /InstanceName=ENCORService /auto
C:\PCMASTER>tfrema /InstanceName=ENCORService /exit
C:\PCMASTER>tfrema /InstanceName=ENCORService /zeroptr
C:\PCMASTER>
  
```

MTX dll versions

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 39

MTX_EPS.dll	828.7.21.86
-------------	-------------

Equinox Terminal

Connected Payments Gold 18

MTX_EPS.dll	829.2.21.77
-------------	-------------

Verifone and Equinox

MTX_POS.dll	829.2.0.23
MTX_POS_CPMX.dll	829.2.0.23
MTX_POS_CPEQ.dll	829.2.0.23
MTX_POS_WinEPS.dll	828.0.1.207
MTX_POS_EMPTY.dll	No versión

SSCO Certified Versions

ENCOR 1.0.1.2 has been certified with SSCO ADK5 version 5.00.01.00.68. This version has been tested on a R6L SSCO hardware.

Due to the timing of the SSCO ADK6.12 release, the certification of ADK 6.12 will follow the release of ENCOR 1.0.1.2.

Windows Updates Applied

Windows updates were applied on 02/07/19 to the following system types.

MFS 1 - Dell Windows 2008 R2, SQL 2008

MFS 1 – Dell Windows 2012, SQL 2017

POS – NCR XR7 POSReady 7

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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NCR Corporation
864 Spring St NW
Atlanta, GA 30308

P/N 89000935
PIN 45002/081