



# Reports

# White Paper

Eftsure inside Microsoft Dynamics 365 for F&O

## Change History

Version	Date	Change Summary	Author
1.0	4/11/2025	Initial draft	Greg

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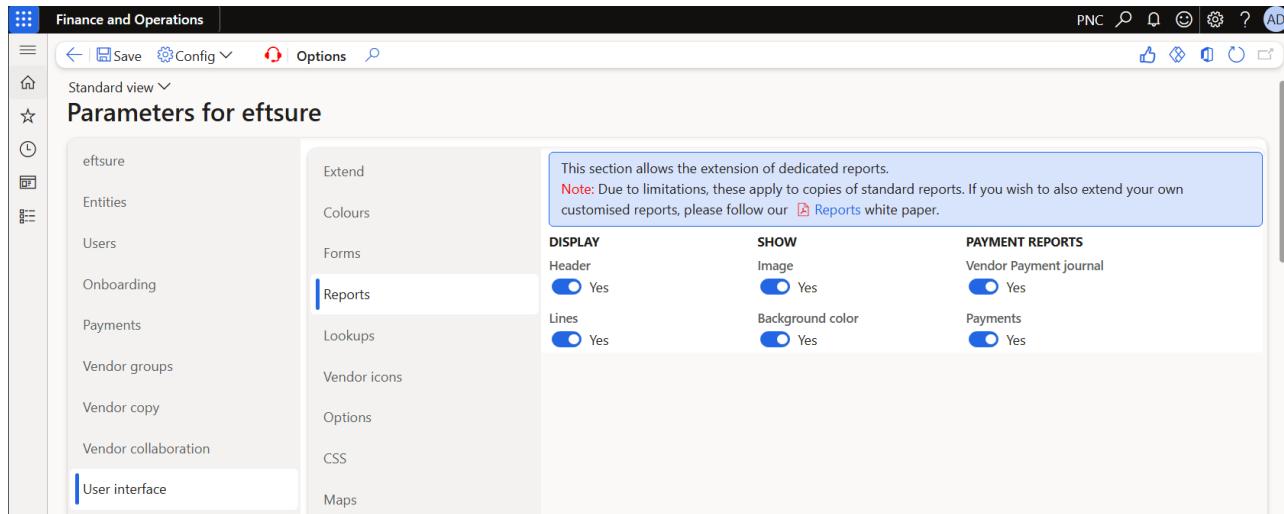
# INTRODUCTION

This white paper details eftsure inside D365F&O capabilities for reporting.

Multiple different methods co-exist to show eftsure signals on any reports.

## CONFIGURATION

Configuration of reports can be achieved in eftsure workspace > Parameters > User Interface > Reports. The following options allows the configuration of the visual impact on the payment reports.



**Display Header / Lines:** Enable/Disables reporting features at the header or line level.

**Show Image:** Display eftsure icons where appropriate

**Show Background color:** Sets background fill color where appropriate

**Payment reports:**

**Vendor Payment Journal:** Enable reporting features on the vendor payment journal report.

**Payments:** Enable reporting features on the payments report.

## STANDARD REPORTS

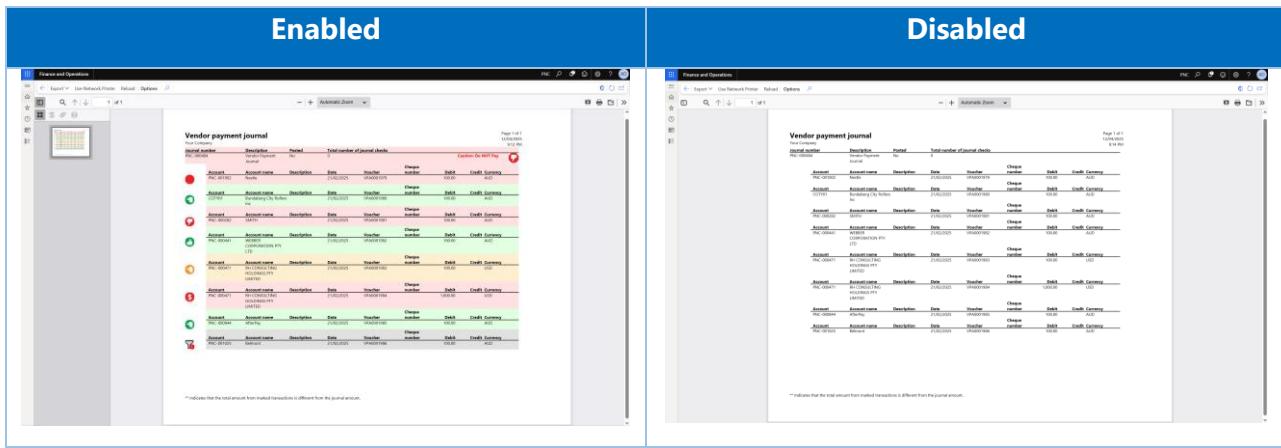
Use the above configuration to display eftsure reporting features on top of standard reports. This is an opt-out feature. 2 reports are available at the time of writing, **Vendor payment journal** report and **Payments** report.

A copy of the standard reports has been created to display eftsure signals.

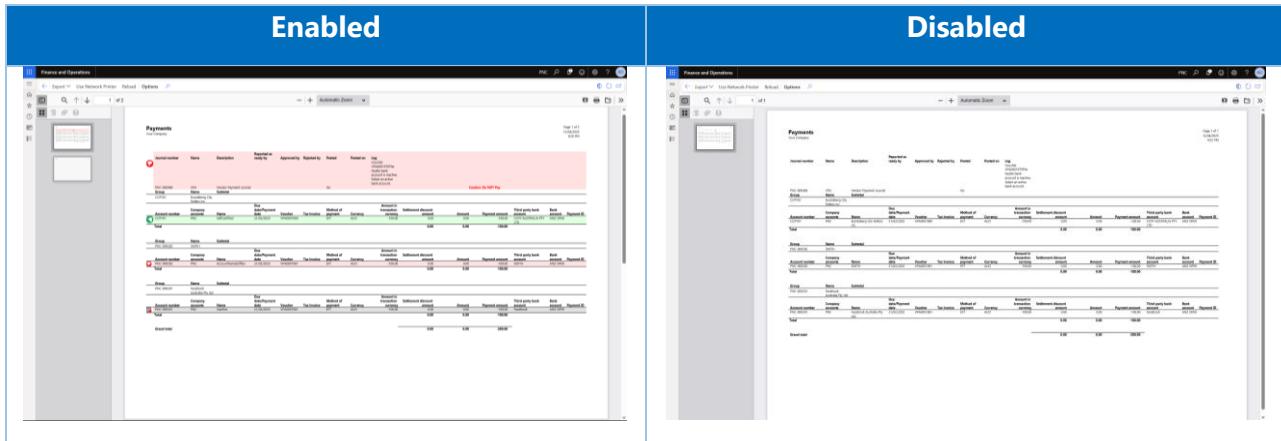
By nature, our changes on standard reports won't be available for customer customised reports.

The following picture highlights the different configurations:

## Vendor Payment journal:



## Payment proposal:



# CUSTOM REPORTS

If the customer is running non-standard reports, their custom report(s) can also be extended by their implementation team to add eftsure signals. We provide the necessary scaffolding to upgrade your custom reports to match the features described in Standard reports.

The following fields will be pre-populated for your usage, depending on configuration, onto the report data source:

## **Header information:**

**PESMainImage** (String): Name of the icon to display

**PESMainColor** (String): Hexadecimal colour value for cell background fills

## **Line information:**

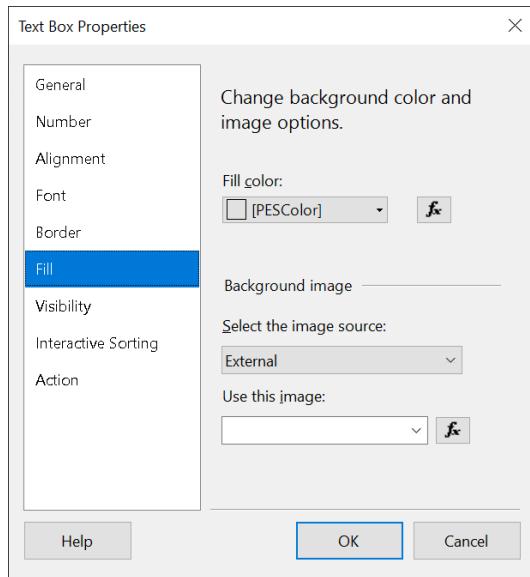
**PESImage** (String): Name of the icon to display

**PESColor** (String): Hexadecimal color value for cell background fills

## Background color

Use the data source's field PESMainColor & PESColor to configure the cell fill property.

Open the report using the report editor and apply the following to each cell that needs to be colorised: Select the control's properties, go to Fill, Fill Color:



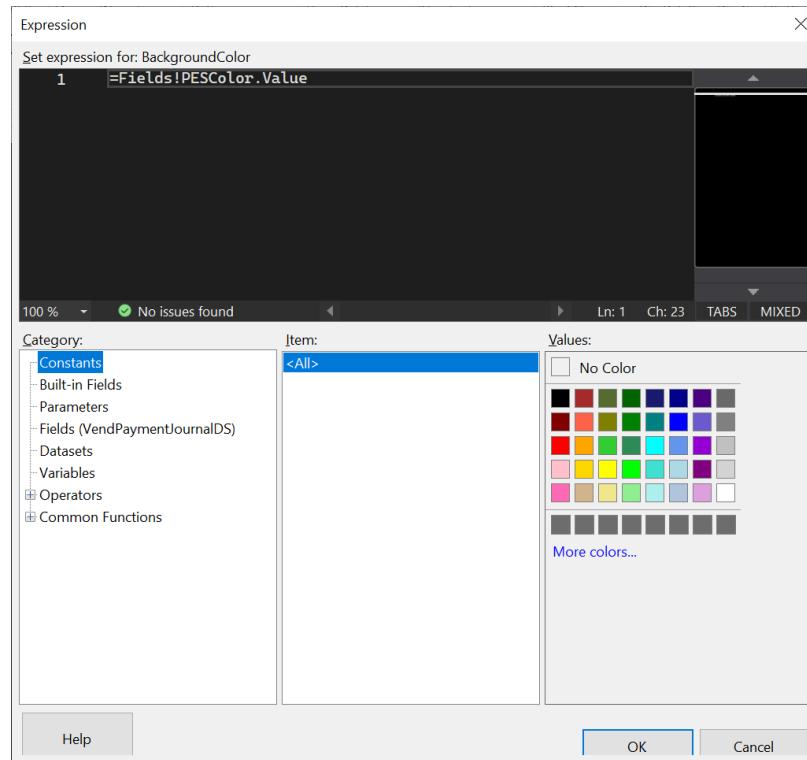
Select the function button and enter the following formula:

For Header color:

=Fields!PESMainColor.Value

For Line color:

=Fields!PESColor.Value



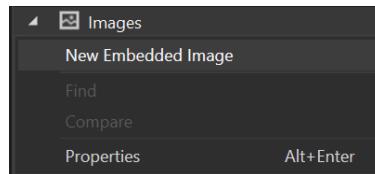
Repeat this for all cells.

Compile and deploy your report.

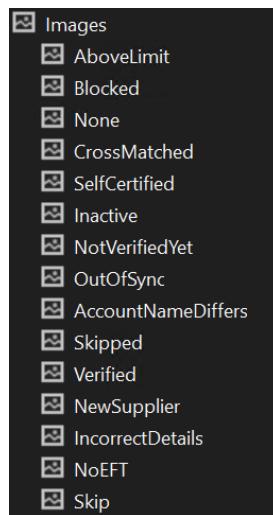
## Image

To display eftsure images into your report:

Navigate to your report > Images and add new embedded images for each of the statuses.



Depending on your configuration, you will need an image for all verification statuses below.



Our source images can be found in the resources folder of the eftsure package folder:

[Service\_Drive]:\AOSService\webroot\Resources\Images

If the source images are not available in the above folder, the deployment to this dev machine hasn't been completed successfully. Please see **Deployment to developer environments** in our **Deployment Guide**.

Our SSRS status images are all prefixed with PESSRS and are 24px x 24px.

```
C:\AOSService\webroot\Resources\images
PESSRS_AboveLimit
PESSRS_AccountNameDiffers
PESSRS_Blocked
PESSRS_CrossMatched
PESSRS_Gray
PESSRS_Inactive
PESSRS_IncorrectDetails
PESSRS_NewSupplier
PESSRS_NoEFT
PESSRS_None
PESSRS_NotVerifiedYet
PESSRS_OutOfSync
PESSRS_SelfCertified
PESSRS_Skipped
PESSRS_Verified
```

As much as it is recommended to use eftsure standard icons, other icons can be used instead, so please make sure to use the appropriate visual indicators.

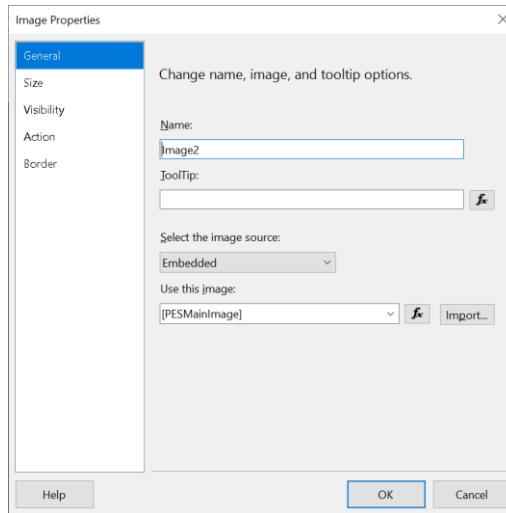
Then select the cell(s) where you wish to apply eftsure image(s). Create/Edit a picture control, go to the picture control's properties and enter the following formula in the Image property:

For main image:

=Fields!PESMainImage.Value

For line image:

=Fields!PESImage.Value



## NEW REPORTS

If new reports are needed the above paragraph still applies but the developer will need to also add the following:

4 new string fields on the datasource:

**PESMainImage** (String): Name of the icon to display

**PESMainColor** (String): Hexadecimal color value for cell background fills

**PESImage** (String): Name of the icon to display

**PESColor** (String): Hexadecimal color value for cell background fills

Add the following code where appropriate to set the values in the new fields, while also matching configuration.

```
PESParameters PESParameters = PESParameters::find();
PESVerificationStatus s = _ledgerJournalTrans.PESVerificationStatus();
if (PESParameters.Report_ShowLine)
{
    this.PESImage = !PESParameters.Report_Image ? "" : PESTools::VerificationStatusImageSSRS(s);
    this.PESColor = !PESParameters.Report_Fill ? "" : PESTools::HTMLColor(PESTools::PESVerificationStatus_Color(s));
}

if (PESParameters.Report_ShowHeader)
{
    boolean success = source.LedgerJournalTable.PESIsJournalOK(false, true);
    s = success ? PESVerificationStatus::Verified : PESVerificationStatus::IncorrectDetails;
    this.PESMainImage = !PESParameters.Report_Image ? "" : PESTools::VerificationStatusImageSSRS(s);
    this.PESMainColor = !PESParameters.Report_Fill ? "" : PESTools::HTMLColor(PESTools::PESVerificationStatus_Color(s));
}
```

Make sure the new fields are selected in the report's data source, use the restore option if necessary.

Follow the same steps as in Custom Reports

Recompile and deploy the report.

## REPORTS DEPLOYMENT

To deploy reports, select the report in Visual Studio and deploy or run the following command line:

```
C:\AOSService\PackagesLocalDirectory\Plugins\AxReportVmRoleStartupTask>
.\DeployAllReportsToSsrs.ps1 -PackageInstalllocation "C:\AOSService\PackagesLocalDirectory\" -
Module MODULENAME
```