NAVPFM 6.0

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Print-/Fax-/Mail-Module for MS Dynamics NAV (Version 5.0 or higher)

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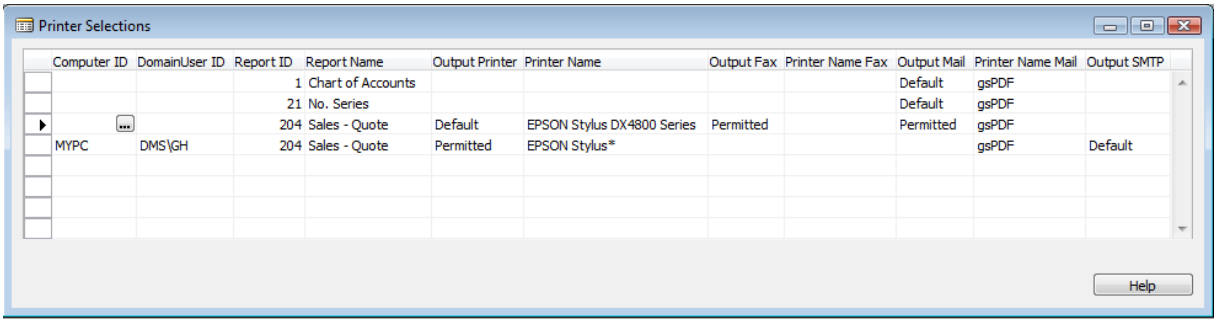
This module supports the manual and automatic selection of the following output types for reports: *Printer, Fax, Mail, SMTP.*

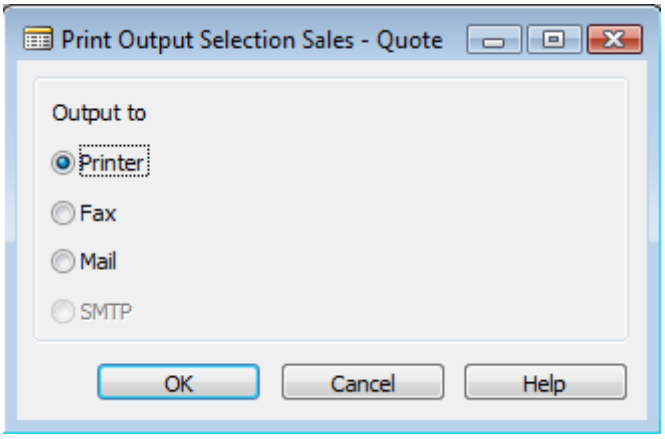
You can control in the printer selection table which types of output are relevant for each entry and which type of output is the default. Control is possible for each combination of computer ID, domain user ID and report ID.



Enhanced form “Printer Selections”

Within the columns „Computer ID“ and. „DomainUser ID“ one can retrieve via the Assist button the current computer ID and the current domain user ID, respectively. You can use filter expressions and wildcard in the printer name columns.

When you run a report for which multiple types of output are defined (permitted or default), a form will appear where you can select an output type. The default type of output is preselected.



New form „Print Output Selection“

According to your selection the corresponding printer in the printer selection table is proposed automatically.

If you choose output type Mail or SMTP, the corresponding printer must be able to create a file with a fixed file name (e. g. a PDF file). This file is automatically attached to the generated mail.

For output type **Mail** the following functions are available to be called from within reports, e. g.:

SetMailToAddress – sets mail address of recipient
SetMailCCAddress – sets mail address of CC recipients
SetMailSubject – sets subject of the mail
SetMailBody – sets mail body text
SetMailAttachedFileName – sets one or more comma separated filenames to be attached to the mail
SetMailDialog – controls, whether a mail client is started or not
SetMailBackGrndPDF – sets a background pdf image file for each page of a pdf attachment

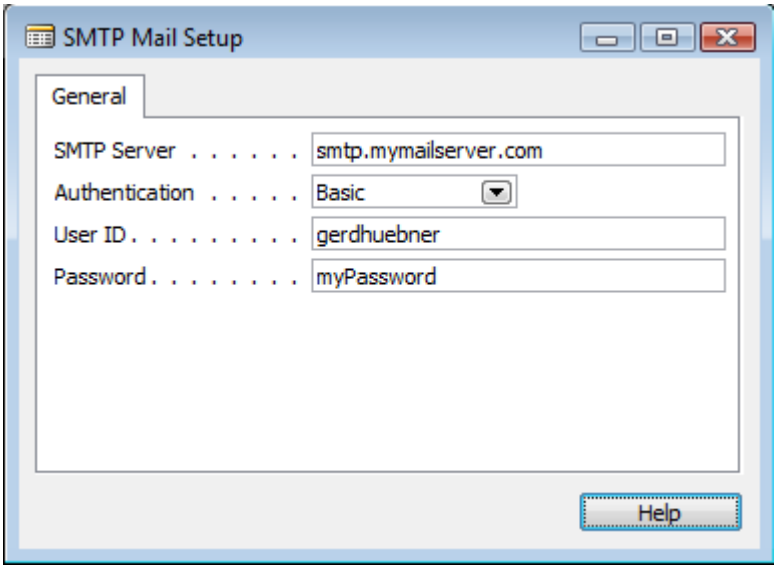
If you want to run reports from code, the following functions are needed:
InitMailJob
ActivateMailJob
SetMailJobSuspend – allows to attach multiple files to a mail
ProcessMailJob

Several parameters can be predefined, for example the file name of the pdf background image, and the default name for the file attachment.

For output type **SMTP** you can use the same functions as for the mail type (without SetMailDialog). The difference to output type Mail is, that the mail is sent automatically (recipient mail address and valid sender mail address have to be provided)

Additionally the following functions can be used:
SetMailFromName – sets sender name (default is User.Name)
SetMailFromAddress – sets sender mail address (default is "User Setup"."E-Mail")
SetMailBCCAddress – sets BCC mail address
SetMailHTMLFormatted –determines, whether the mail is sent in html or in text format.

To use SMTP, you must setup some fields in the SMTP mail setup form:



Standard form „SMTP Mail Setup"

These are the **prerequisites** to use NAVPFM:

1.) NAV version must be at least Attain 3.60.
2.) COM Automation Server 'Navision Timer 1.0'.Timer must be installed. This module is normally installed automatically, when you install NAV client
3.) If you want to use PDF attachments for mails, you will need a printer driver, which is capable of creating a pdf file with a fixed name.
4.) If you want to use a background pdf, you will need the free tool PDFtk.exe.

The following objects are included within this module.

Type	ID	Name	Remark
Table	78	Printer Selection	enhanced
Form	64	Printer Selections	enhanced
Form	56800	Print Output Selection	new object
Report	204	Sales – Quote	sample
Codeunit	1	ApplicationManagement	enhanced
Codeunit	397	Mail	enhanced to allow multiple files to be attached
Codeunit	56800	PFM Management	new object
Codeunit	56899	Test PFM	sample

To transmit the recipient mail address in report „Sales Quote“, e. g., the following code has to be inserted into the “Sales Header” – OnAfterGetRecord trigger:

```
IF NOT Customer.GET("Sell-to Customer No.") THEN
  Customer.INIT;
PFMMgt.SetMailToAddress(Customer."E-Mail");
```

This is a sample code to attach the output of report 1 („Chart of Accounts“) and report 21 („No. Series”) to a mail and send this mail via SMTP:

```
file1 := STRSUBSTNO('%1\Report1.pdf',ENVIRON('TEMP'));
file2 := STRSUBSTNO('%1\Report21.pdf',ENVIRON('TEMP'));
fileBackGrndPDF :=STRSUBSTNO(‘%1%2\myBackground.pdf',
  ENVIRON(‘HOMEDRIVE’),
  ENVIRON(‘HOMEPATH’));
jobType := jobType::SMTP;
PFMMgt.SetMailJobSuspend(TRUE);

PFMMgt.InitMailJob(file1,TRUE,",jobType);   // without background
REPORT.RUNMODAL(REPORT::"Chart of Accounts",FALSE,FALSE);
PFMMgt.ActivateMailJob(REPORT::"Chart of Accounts",jobType);

PFMMgt.InitMailJob(file2,TRUE,fileBackGrndPDF,jobType);
REPORT.RUNMODAL(REPORT::"No. Series",FALSE,FALSE);
PFMMgt.ActivateMailJob(REPORT::"No. Series",jobType);

PFMMgt.SetMailFromName('Testuser');
PFMMgt.SetMailFromAddress('testuser@test.de');
PFMMgt.SetMailSubject('Test');
PFMMgt.SetMailToAddress('test@test.de');
PFMMgt.SetMailAttachedFileName(file1 + ';' + file2,FALSE);
PFMMgt.ProcessMailJob(jobType);
```