Sage XRT Business Exchange
version 11.40.400

User Guide
Bank Mobility Management

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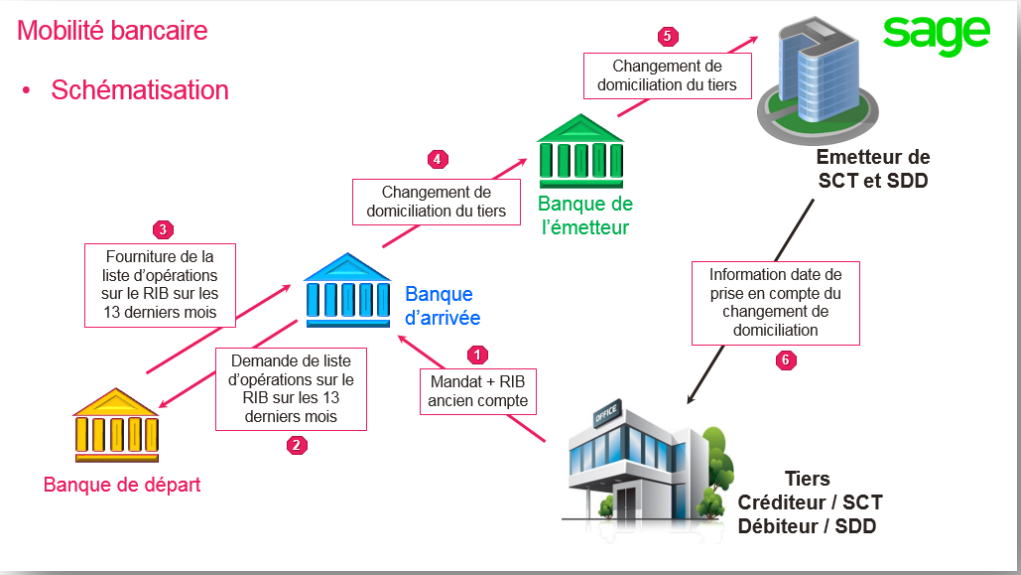
Document Target

This document explains how to use **Bank Mobility** module from **Sage XRT Business Exchange 11.40 Service Pack 4**.



Flow 5 has been integrated and adapted to Clients with the following functions (they are all independent from each other):

- Concatenated File Breakdown (files containing several XML messages)
- PDF File Report
- File Breakdown
  - Depending on the transaction: Transfers or Direct Debits
  - Depending on the transaction type: SCT, SDD CORE, SDD B2B
- Conversion from XML to CSV
- File Info displayed and monitored in **Webmonitoring**
- Update of Third Party Info in **Payments**

Versions 3.9 for Sage Common Services and 2.0 for Bank Format Library are used.

Before You Begin...

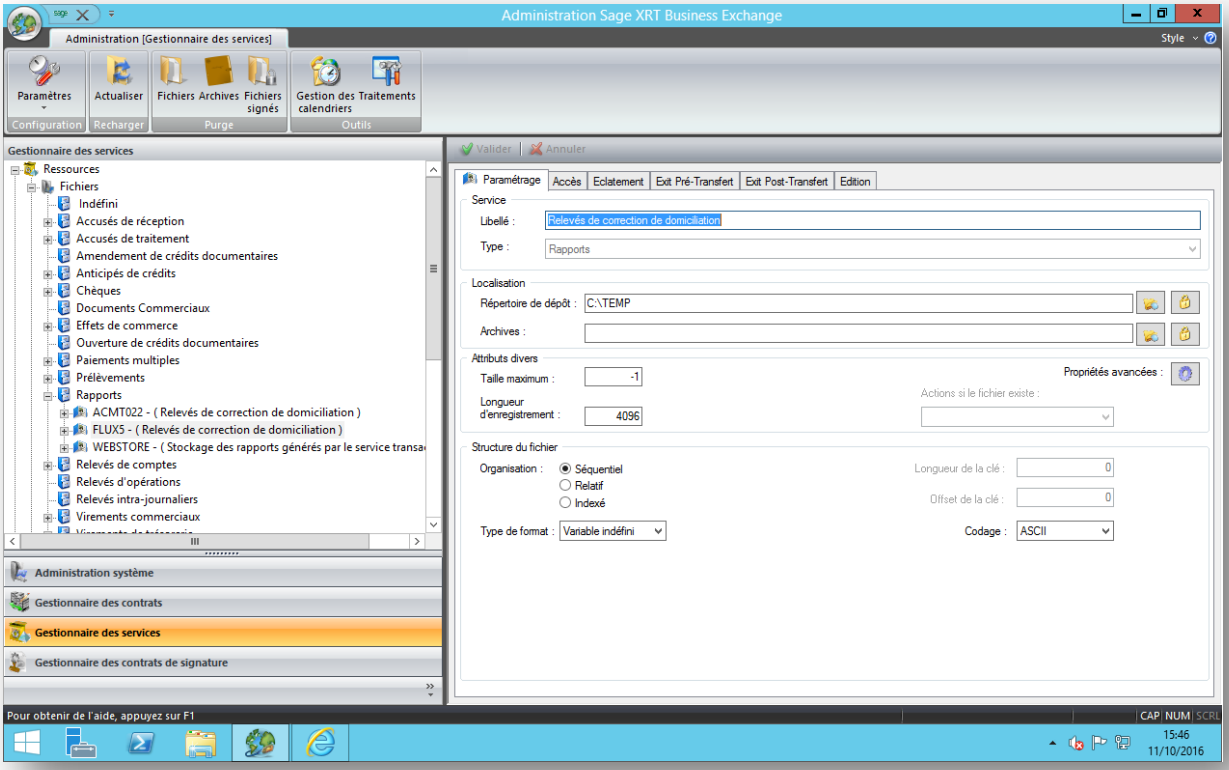
Activating and Accessing Module

Service Manager

To use all the new functions of **Mobile Banking** from **Online Banking**, **WEBMON** and **PAYMENT** services must be updated from SXBE Services Manager.

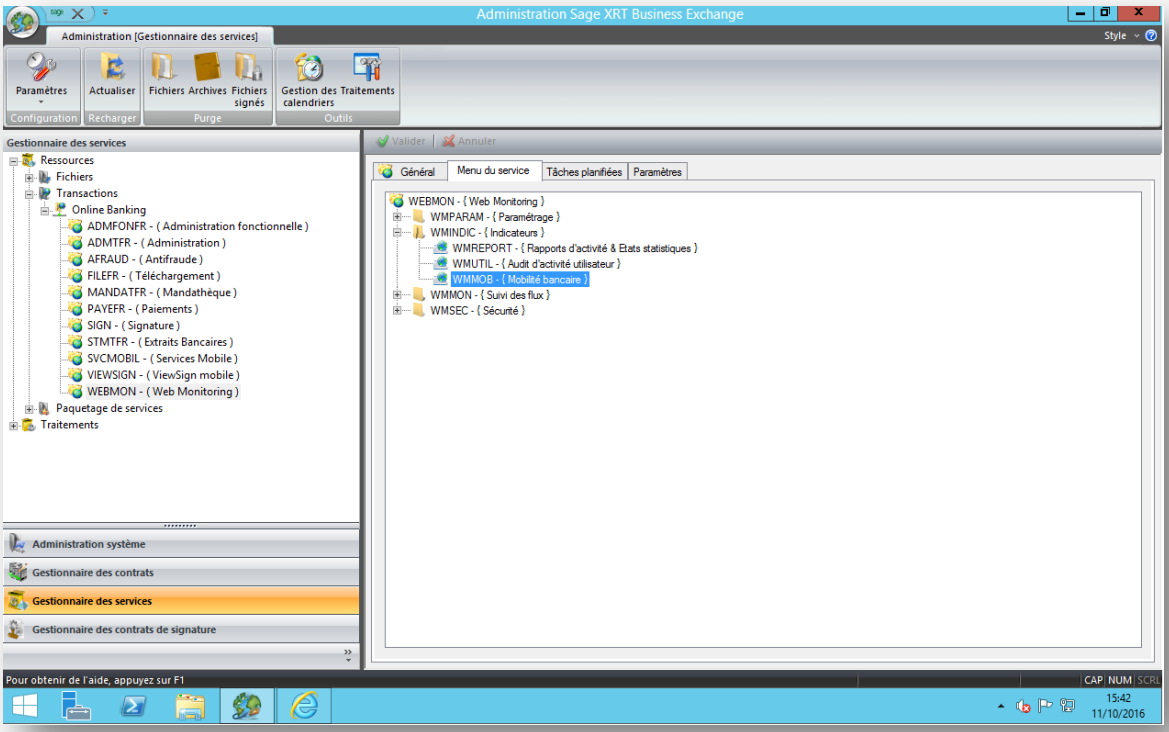
The presence of a file service corresponding to Flow 5 must be checked.

A Flow 5 File Service is available by default under Reports family.



Contract Manager

Access rights must be set up depending on users profiles.



Converting to CSV Format

Flux_5_CSV Processing

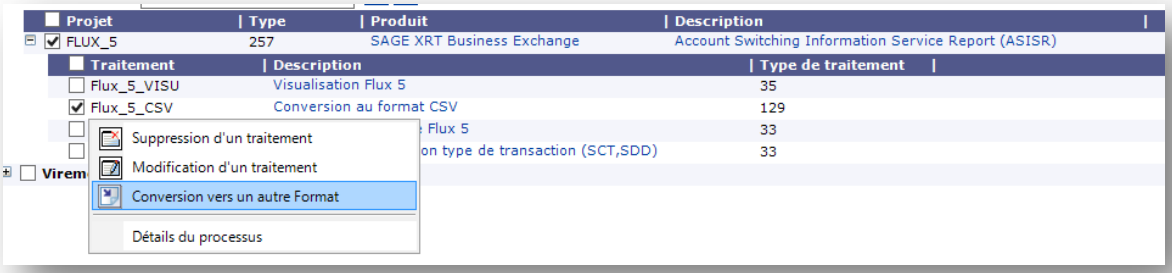
Flow 5 is an XML format. However, files conversion to CSV is available, making their processing through ERP easier.

Under **Reports** family, use the processing: **Flux_5_CSV**

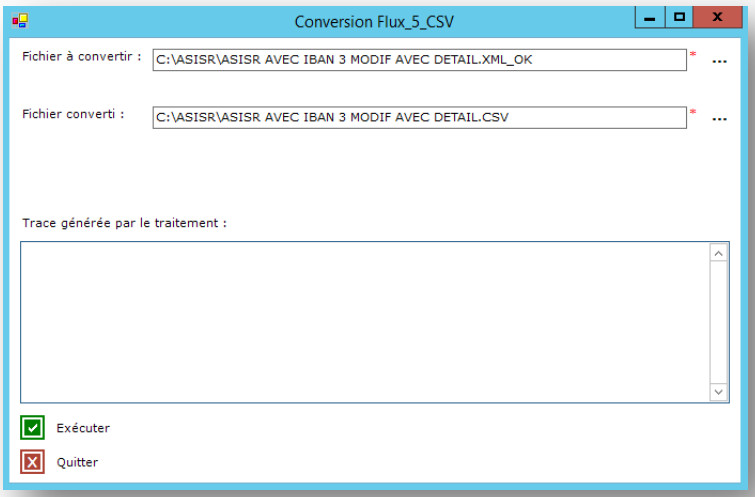
> It only accepts the files containing one XML message with or without Name Spaces.

Flow 5 XML Files

In Sage Common Services, start the **Flux_5_CSV** processing and click on the action: Conversion to other format.



Select a file to convert. Specify the converted file path and name, and click the Execute button.



Post-Transfer Exit: Flow 5 XML to CSV

When creating the Post-Transfer Exit, execute the processing **F5_CSV** included by default.

It uses PSFRCD.EXE with the following arguments:

/ACTION:TOCSV /FMTPROJECT:FLUX_5 /FMTWORK:Flux_5_CSV "/F:%#F.txt" "%#F"

Format Description

A record consists of ll the data below. Each element is separated with ‘ ;’

Separator (;)
Date and Time Format (DDMMYYYYHHMMSS)

Date and time of file change
Message ID
Date and time of creation
Bank issuing message
Transaction Issuer
Account IBAN of Transaction Issuer
Number of modifications
Modif. ID
Mobility Mandate Ref.
Mobility Mandate Date
Original Name
Original IBAN
Original BIC
Updated Name
Updated IBAN
Updated BIC

Add. Info
Number of Changed Transactions
Number of SCT
Number of SDD CORE
Number of SDD B2B
TX Family
TX Subfamily
End-to-End ID
Mandate ID
Debtor Name
Debtor ID
Debtor Account
Debtor Third Party Name
Creditor Name
Creditor ID
Creditor IBAN
Creditor Third Party Name
Debtor's Bank BIC
Creditor Bank BIC
Reason

Here is the CSV file organization:

Info at file level	Info Modification 1	Transaction 1 concerned by modification 1
		Transaction 2 concerned by modification 1
		Transaction 3 concerned by modification 1
		Transaction 4 concerned by modification 1
	Info Modification 2	Transaction 1 concerned by modification 2
		Transaction 2 concerned by modification 2
		Transaction 3 concerned by modification 2
		Transaction 4 concerned by modification 2
		Transaction 5 concerned by modification 2

Reports

Flow 5 is an XML format. To optimize file processing, two PDF reports are available:

- Report presenting the list of third party domiciliation modifications
- Report presenting the list of third party domiciliation modifications, plus the list of the transactions concerned by this modification

Flux_5_VISU Processing

Under **Reports** family, use **Flux_5_VISU** to get the list of third party domiciliation modifications (without the mention of the corresponding transactions) included in the file.

It only accepts the files containing one XML message with or without Name Spaces.

Flux_5_VISU_DET Processing

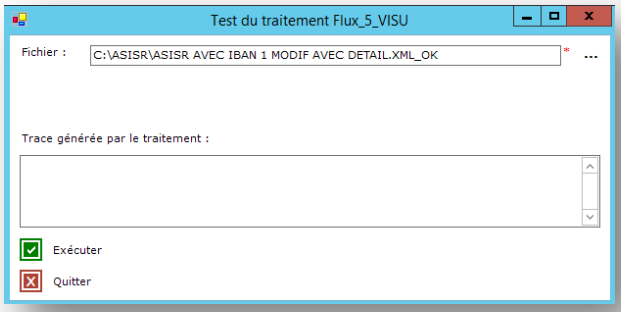
Under **Reports** family, use **Flux_5_VISU_DET** to get the list of third party domiciliation modifications with the mention of the corresponding transactions, included in the file.

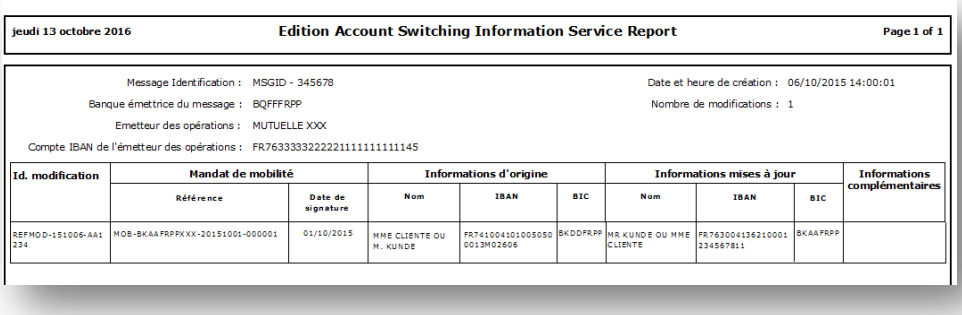
It only accepts the files containing one XML message with or without Name Spaces.

Viewing Data from Sage Common Services

Select **Flux_5_VISU** or **Flux_5_VISU_DET** and View File.

Select the file to edit and click **Execute.**

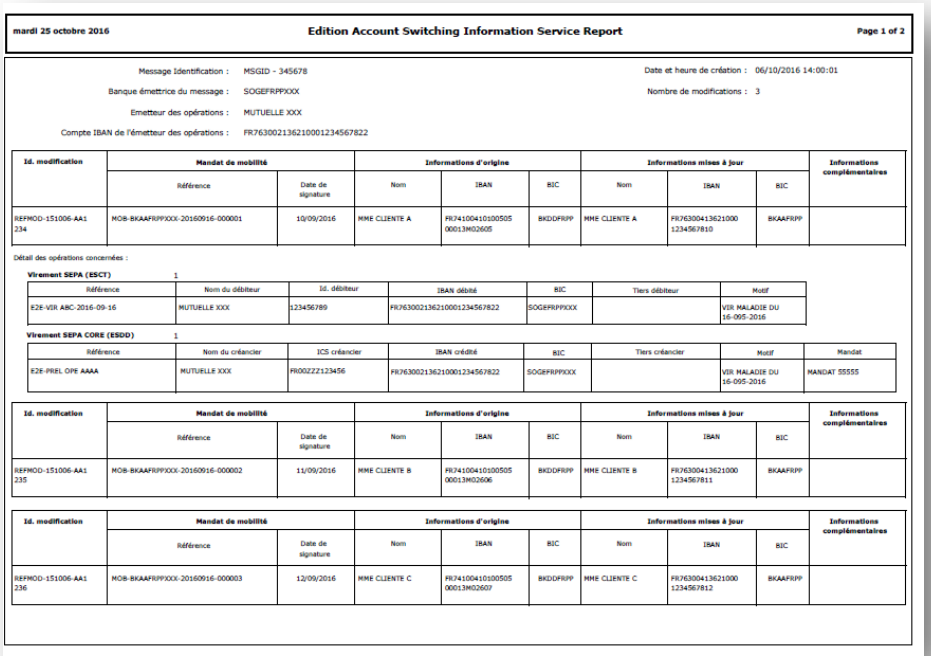




jeudi 13 octobre 2016 — **Edition Account Switching Information Service Report** — Page 1 of 1

Message Identification : MSGID - 345678
Banque émettrice du message : BQFFFRPP
Emetteur des opérations : MUTUELLE XXX
Compte IBAN de l'émetteur des opérations : FR7633333222221111111111145
Date et heure de création : 06/10/2015 14:00:01
Nombre de modifications : 1

Id. modification	Mandat de mobilité		Informations d'origine			Informations mises à jour			Informations complémentaires
	Référence	Date de signature	Nom	IBAN	BIC	Nom	IBAN	BIC	
REFMOD-151006-AA1 234	MOB-BKAAFRPPXXX-20151001-000001	01/10/2015	MME CLIENTE OU M. KUNDE	FR7410041010050500013M02606	BKDDFRPP	MR KUNDE OU MME CLIENTE	FR7630041362100012345678 11	BKAAFRPP	



mardi 25 octobre 2016 — **Edition Account Switching Information Service Report** — Page 1 of 2

Message Identification : MSGID - 345678
Banque émettrice du message : SOGEFRPPXXX
Emetteur des opérations : MUTUELLE XXX
Compte IBAN de l'émetteur des opérations : FR7630021362100012345678 22
Date et heure de création : 06/10/2016 14:00:01
Nombre de modifications : 3

Id. modification	Mandat de mobilité		Informations d'origine			Informations mises à jour			Informations complémentaires
	Référence	Date de signature	Nom	IBAN	BIC	Nom	IBAN	BIC	
REFMOD-151006-AA1 234	MOB-BKAAFRPPXXX-20160916-000001	10/09/2016	MME CLIENTE A	FR7410041010050500013M02605	BKDDFRPP	MME CLIENTE A	FR7630041362100012345678 10	BKAAFRPP	

Détail des opérations concernées :

Virement SEPA (ESCT) 1

Référence	Nom du débiteur	Id. débiteur	IBAN débité	BIC	Tiers débiteur	Motif
E2E-VIR ABC-2016-09-16	MUTUELLE XXX	123456789	FR7630021362100012345678 22	SOGEFRPPXXX		VIR MALADIE DU 16-095-2016

Virement SEPA CORE (ESDD) 1

Référence	Nom du créancier	ICS créancier	IBAN crédité	BIC	Tiers créancier	Motif	Mandat
E2E-PREL OPE AAAA	MUTUELLE XXX	FR00ZZZ123456	FR7630021362100012345678 22	SOGEFRPPXXX		VIR MALADIE DU 16-095-2016	MANDAT 55555

Id. modification	Mandat de mobilité		Informations d'origine			Informations mises à jour			Informations complémentaires
	Référence	Date de signature	Nom	IBAN	BIC	Nom	IBAN	BIC	
REFMOD-151006-AA1 235	MOB-BKAAFRPPXXX-20160916-000002	11/09/2016	MME CLIENTE B	FR7410041010050500013M02606	BKDDFRPP	MME CLIENTE B	FR7630041362100012345678 11	BKAAFRPP	

Id. modification	Mandat de mobilité		Informations d'origine			Informations mises à jour			Informations complémentaires
	Référence	Date de signature	Nom	IBAN	BIC	Nom	IBAN	BIC	
REFMOD-151006-AA1 236	MOB-BKAAFRPPXXX-20160916-000003	12/09/2016	MME CLIENTE C	FR7410041010050500013M02607	BKDDFRPP	MME CLIENTE C	FR7630041362100012345678 12	BKAAFRPP	

Post-Transfer Exit: Editing Flow 5 XML Files

When creating the Post-Transfer Exit, execute the processing **F5_EDIT** included by default.

It uses PSFRCD.EXE with the following arguments:

/ACTION:EDIT /FMTPROJECT:FLUX_5 /FMTWORK:Flux_5_VISU /EDITFORMAT:P "/F:%#F.pdf" "%#F"

Breakdown

Flow 5 is an XML format providing:

- the list of third party domiciliation modifications
- the list of the transactions affected by this modification for each modification There are three types of affected transactions:
    - SCT from Transfers family
    - SDD Core from Issued Direct Debits family
    - SDD B2B from Direct Debits family

Flux_5_SPLIT_FMLY Processing

Under **Reports** family, use **Flux_5_SPLIT_FMLY** to get the breaking down of the original file into families of implicated transactions (Transfers or Direct Debits).

The breakdown criterion is the family specified into the file in the tag: <TlsDtls><BkTxCd><Domn><Fmly><Cd> which may contain IDDT or ICDT.

The names for the broken down files contain _IDDT or _ICDT.

The breaking down process always generates two files, even if one is empty.

It only accepts the files containing one XML message with or without Name Spaces.

Flux_5_SPLIT_SUBFMLY Processing

Under **Reports** family, use **Flux_5_SPLIT_SUBFMLY** to get the breaking down of the original file into subfamilies of implicated transactions (SCT, SDDCORE, SDDB2B).

The breakdown criterion is the subfamily specified into the file in the tag: <TlsDtls><BkTxCd><Domn><Fmly><SubFmlyCd> which may contain ESCT, ESDD or BBDD.

The names for the broken down files contain _ESCT, _ESDD or _ESBB.

The breaking down process always generates three files, even if one is empty.

It only accepts the files containing one XML message with or without Name Spaces.

Breaking Down Files from Sage Common Services

Select **Flux_5_VISU** or **Flux_5_VISU_DET** and View File.

Select the file to edit and click **Execute.**

Post-Transfer Exit: Breaking Down Flow 5 XML Files

When creating the Post-Transfer Exit, execute the processing **F5_ECLAT** included by default (Breaking down by subfamily).

It uses PSFRCD.EXE with the following arguments:

/ACTION:SPLIT /FMTPROJECT:FLUX_5 /FMTWORK:Flux_5_SPLIT_SUBFMLY "%#F"

Data Display in Webmonitoring

Post-Transfer Exit

The executable file placed at the installation root, manages the dematerialization of Flow 5 info into Sage XRT Business Exchange database. PSFRDC.exe

When creating the Post-Transfer Exit, execute the processing **F5_IMP** included by default.

It uses PSFRCD.EXE with the following arguments:

/ACTION:IMPORT /P:%#P /T:%#T /C:%#VC /S:%#S "/DSN:%#DSN" "%#F"

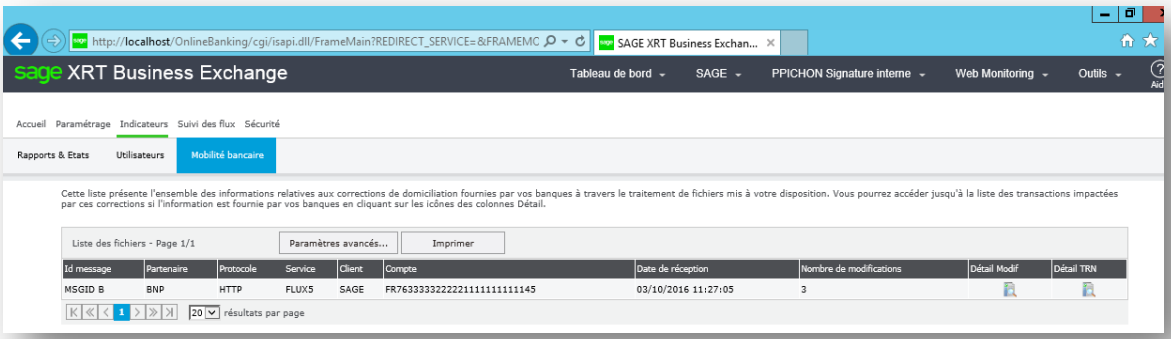
Do not forget to activate the exit in the command list of the Post-Transfer Exit tab.

It only accepts the files containing one XML message with or without Name Spaces.

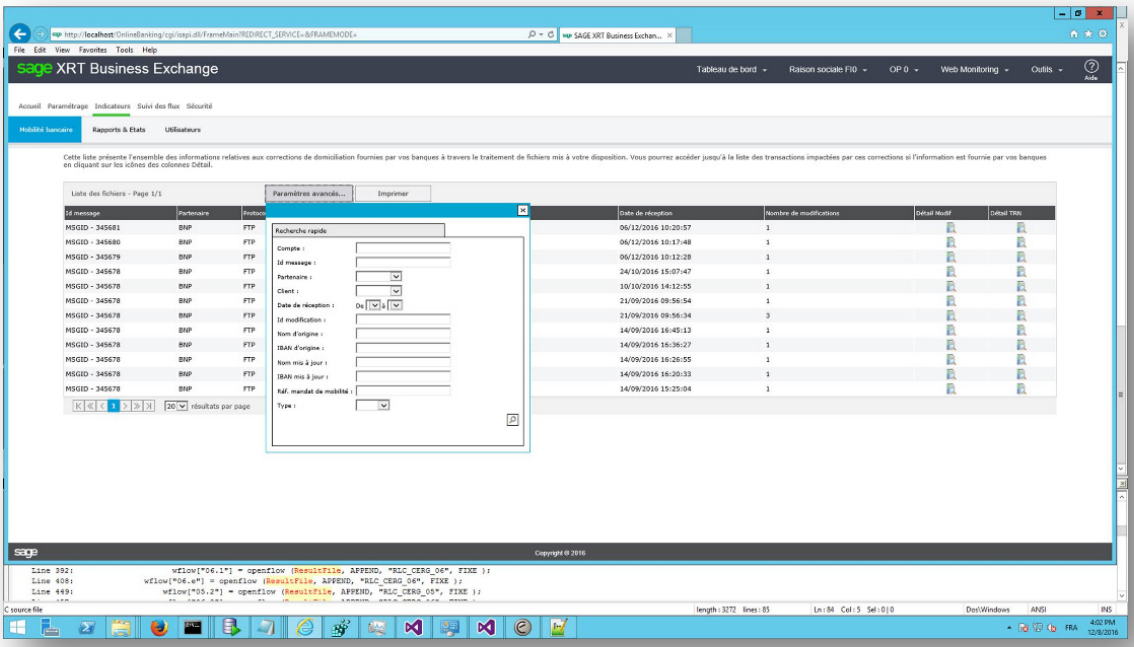
Viewing Data

You can see the info from Flow 5 Files in **Indicators – Bank Mobility.**

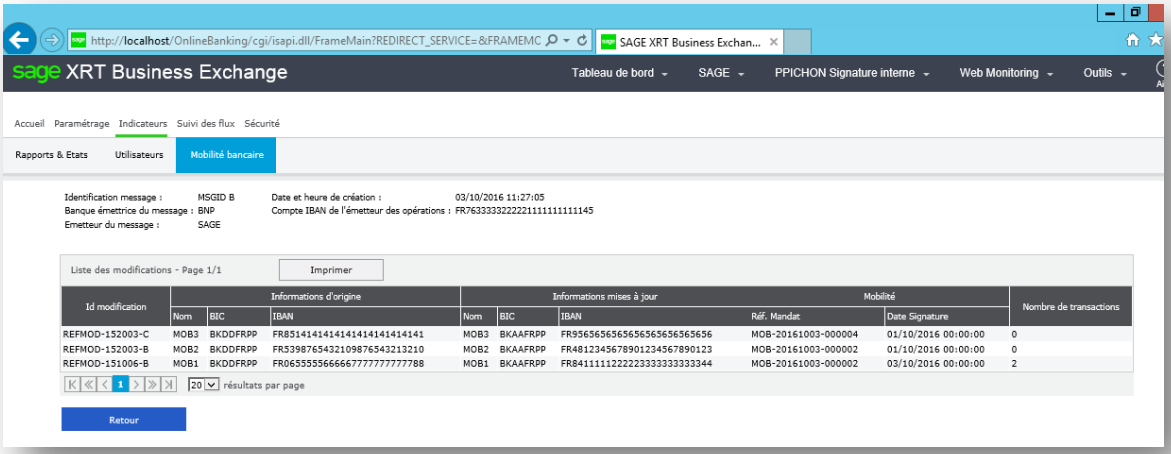
The list of these files is displayed.



You can search it when clicking the button: **Advanced Parameters.**

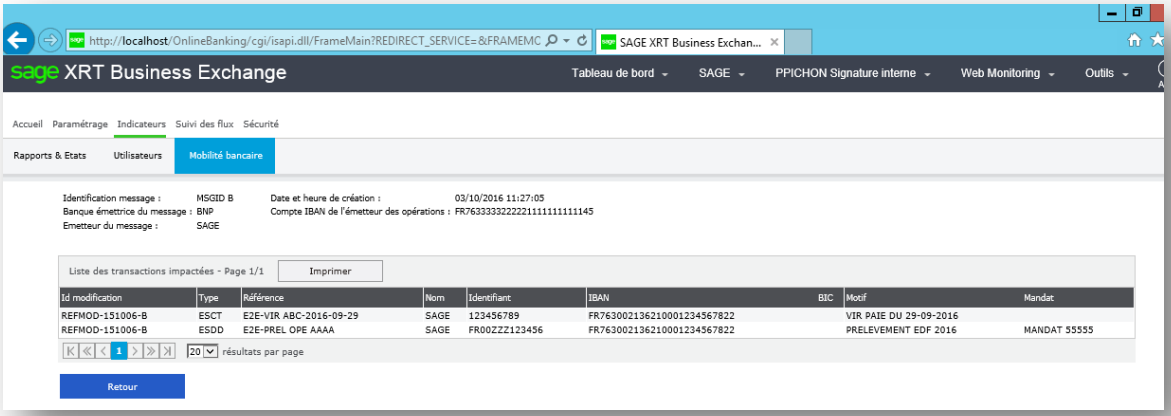


Click **Modif. Details** to access the list of the modifications contained in the file, such as the original info and the updated info.



The **Back** button takes you back to the file list.

Click **TRN Details** to access the list of the transactions with modifications contained in the file.



The **Back** button takes you back to the file list.

Update of Third Party in Payments

Post-Transfer Exit

The executable file placed at the installation root, manages the use of Flow 5 info to update third parties in Payments: IMPVIR.exe

When creating the Post-Transfer Exit, execute the processing **IMPRCD** included by default.

It uses IMPVIR.EXE with the following arguments:

/P:*Entity alias* /U:*User alias* /F:BENEFRCD /R:c:\rapport.htm %#F

Click **OK** to finish creating the processing.

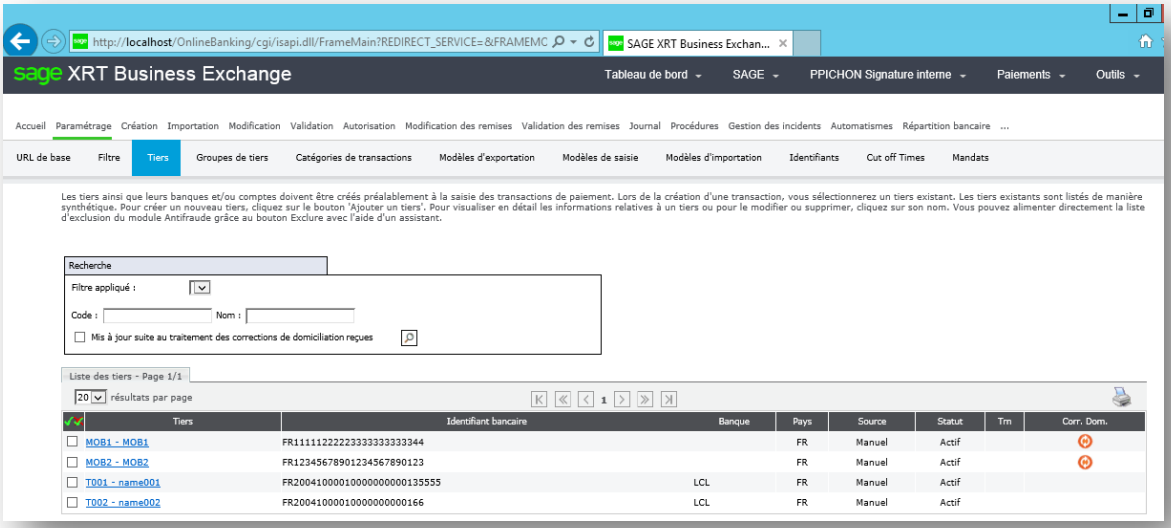
Do not forget to activate the exit in the command list of the Post-Transfer Exit tab.

It only accepts the files containing one XML message with or without Name Spaces.

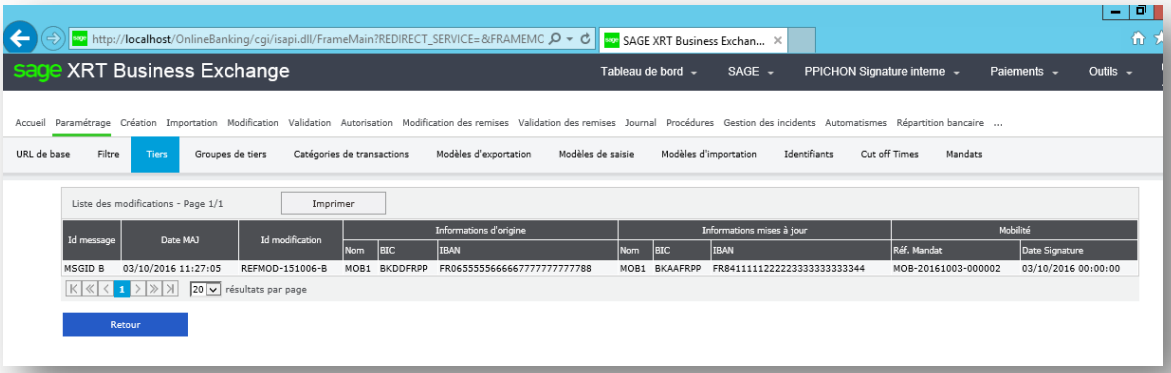
Viewing Data

Third Party List in **Payments** includes the column: **Corr. Dom**. The icon within this column indicates that the third party has been updated thanks to the received domiciliation corrections.

A search function is also available.



If you click on this icon, you can access the details of the modification:



Notifications

Each processing can be notified using the parameter /NOTIF

/NOTIF: Notification XML File

+---Example: <?xml version="1.0" encoding="iso-8859-1"?><notif><entity>HOLDING</entity><alias>NOTIF2</alias><obj><![CDATA[OBJ %date]]></obj><msg><![CDATA[MSG %date]]></msg><formatdate>MM/dd/yyyy HH:mm:ss</formatdate></notif>