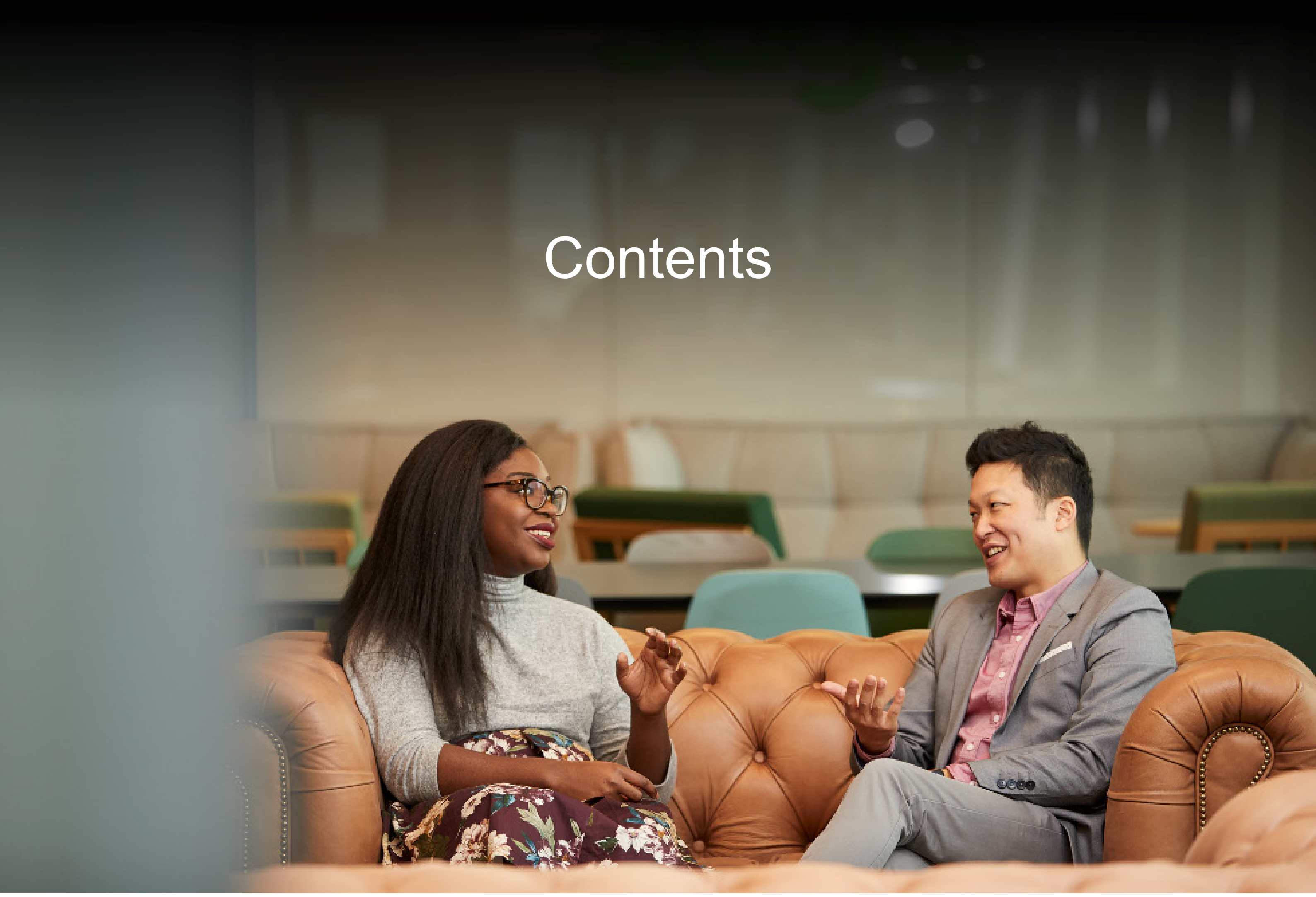
Sage XRT Business Exchange

Version 12.4

New features



Contents

Bank Statements **4**

Account statements management 4

Intraday statements management 4

Import 5

Audit 5

Groups management 5

Reporting 5

Export 6

Data migration 6

Web Administration **7**

Setup **10**

Server contract traces 10

Email templates and signatures 11

General setup 11

Notification contracts setup 14

Modification of the HTML file 15

Creating variables 16

Configuration of production Rest service 17
SCS authentication settings 18
Features 19
Update of Sage eidSign signature service 19
Business Activity Monitoring 19
P5bam.ini file description 22
Rest API 23

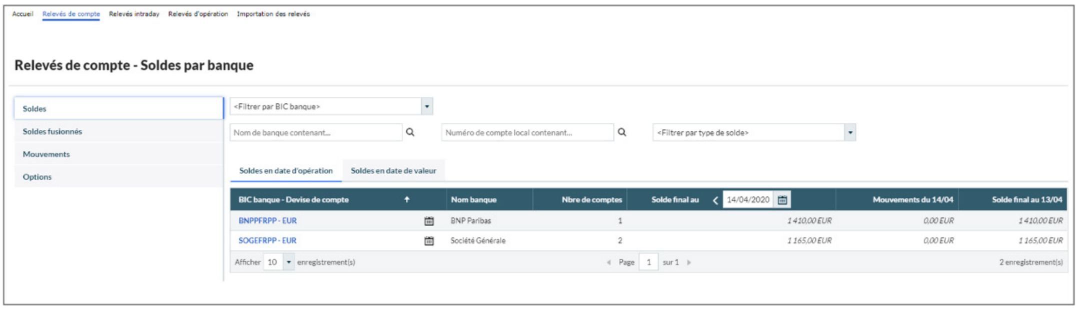
Bank Statements

The **Bank Statements** module has been entirely redesigned.

Account statements management

For **AFB120**, **MT940**, **AEB43** and **CAMT053** formats, the **Bank Statements** module allows you to manage the following information:

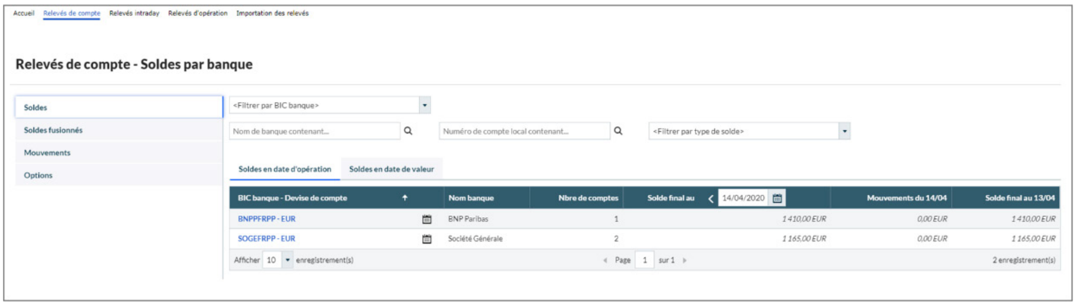
- Balances by bank
- Balances by account
- Pool balances
- Balances on transaction and value dates
- Transactions view
- History



Intraday statements management

For **MT942** and **CAMT052** formats, the **Bank Statements** module allows you to manage the following information:

- Forecast balances by bank
- Forecast balances by account
- Pool balances

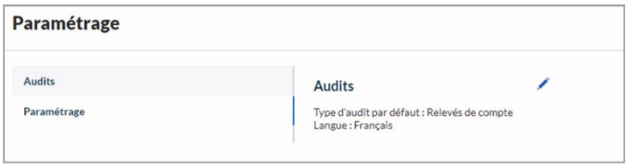


Import

The import of statements can be launched automatically or manually, for any statement type (account statements, *intraday* statements, etc.).

Audit

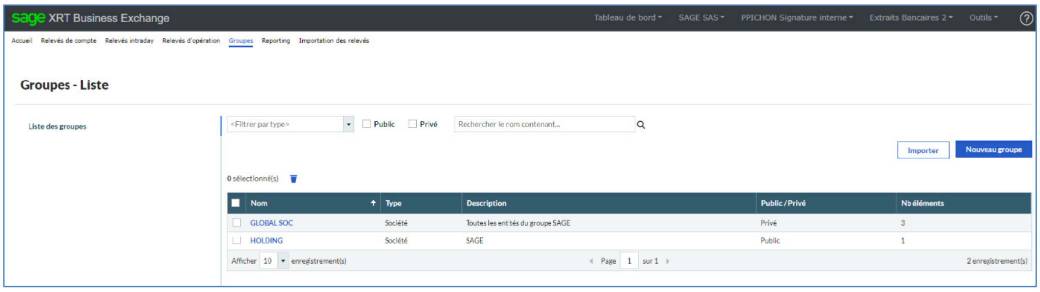
The **Audit** function is used to display any event occurring in the application.



Groups management

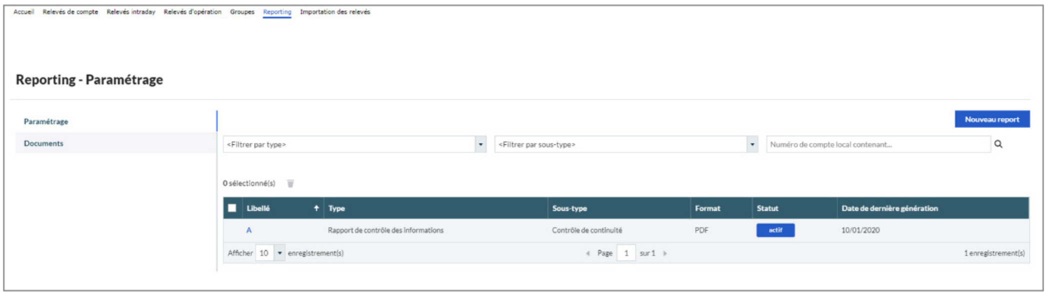
The grouping feature can be used to sort the information displayed according to:

- Companies
- Banks
- Accounts



Reporting

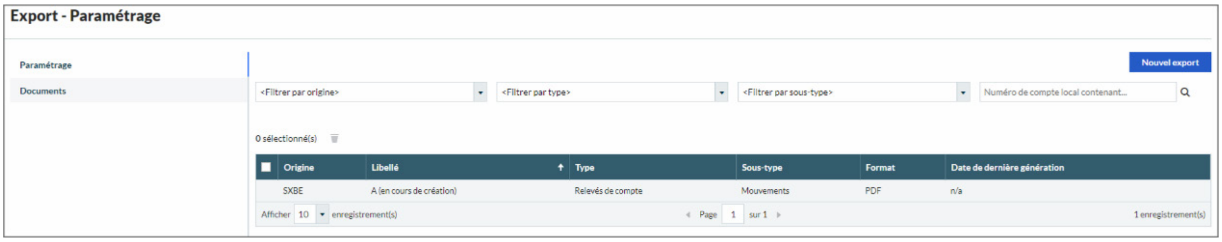
From the **Reporting** function, you can set up report generation triggering and view, send or print the created reports.



Export

The **Export** function is used to set up the initiation of export processes.

You can view, send or print the generated files.



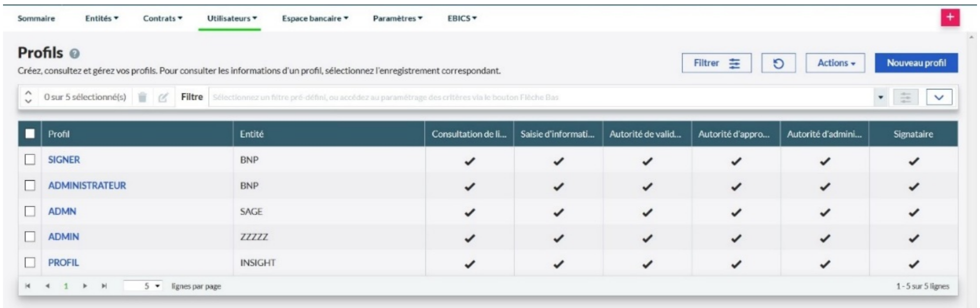
Data migration

A migration feature will help you import the data issued from the former module into the new **Bank Statements** module.

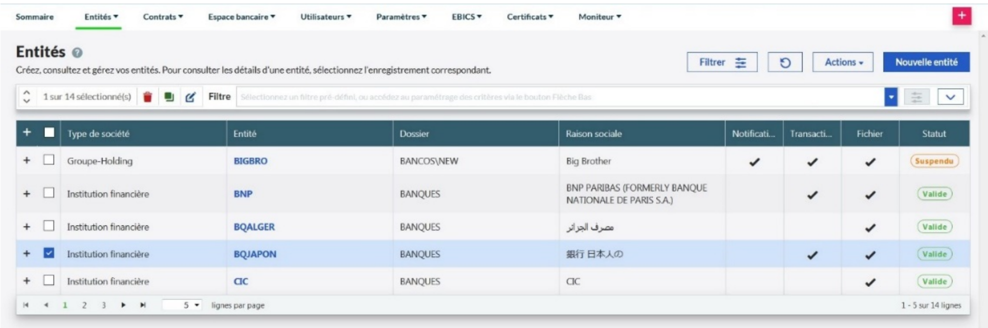
Web Administration

The **Web Administration** module lets you set up your bank contracts from a dedicated web site. Version **12.4** of **Sage XRT Business Exchange** allows you to manage information for the following levels:

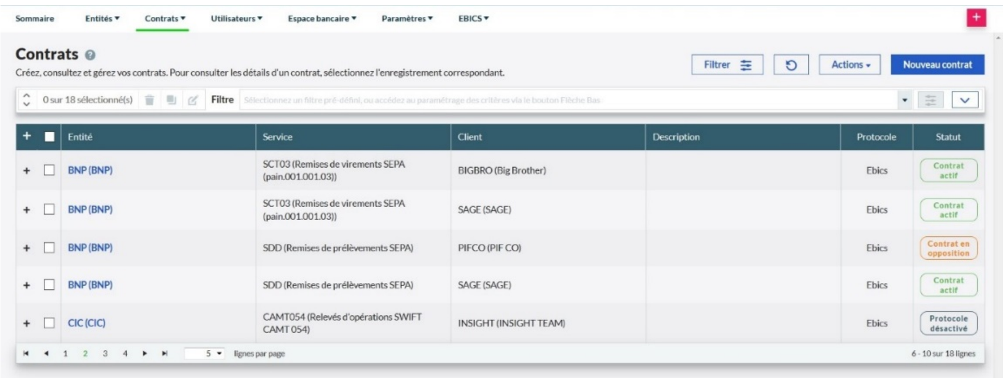
- User Profiles



- Entities

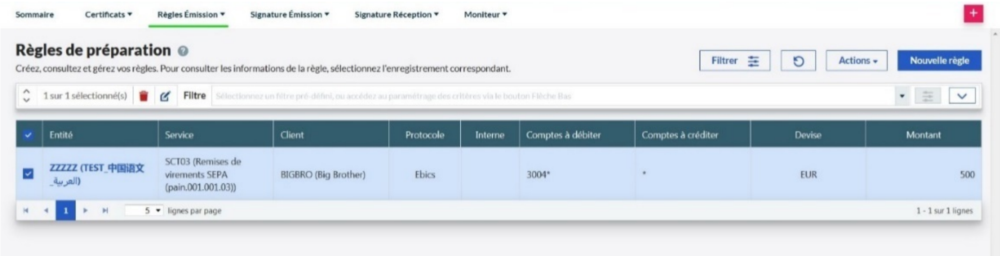


- Contracts

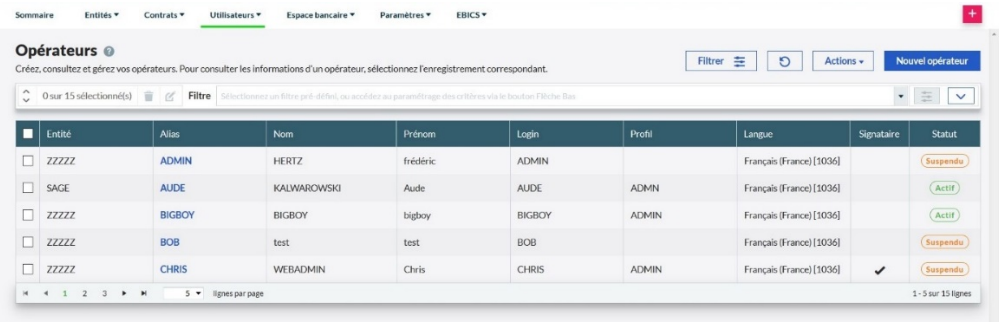


Web Administration

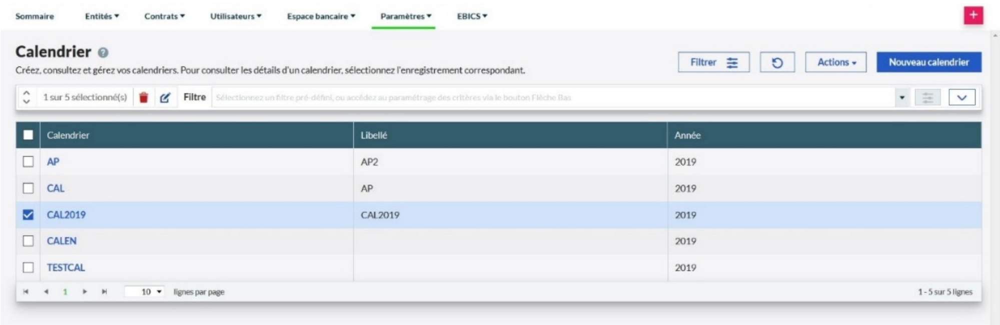
- Signature Rules



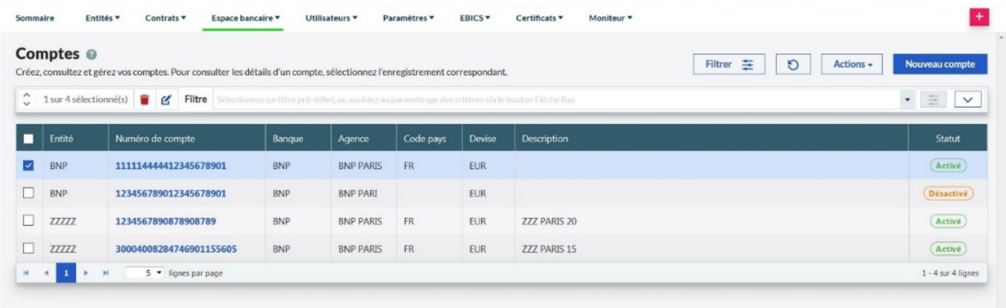
- Financial Operator Profiles



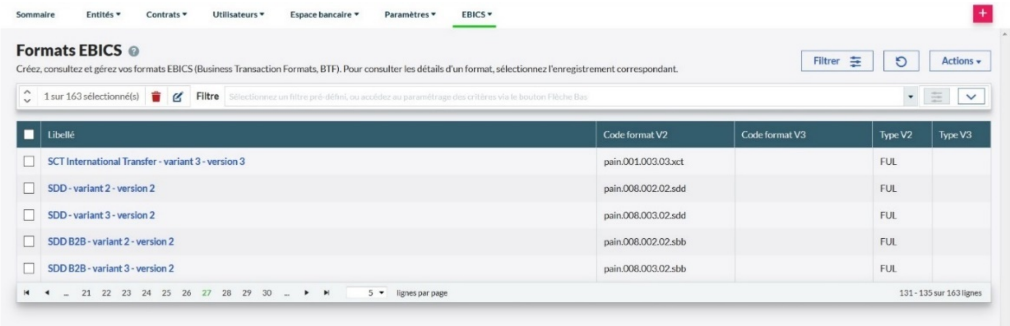
- Calendars



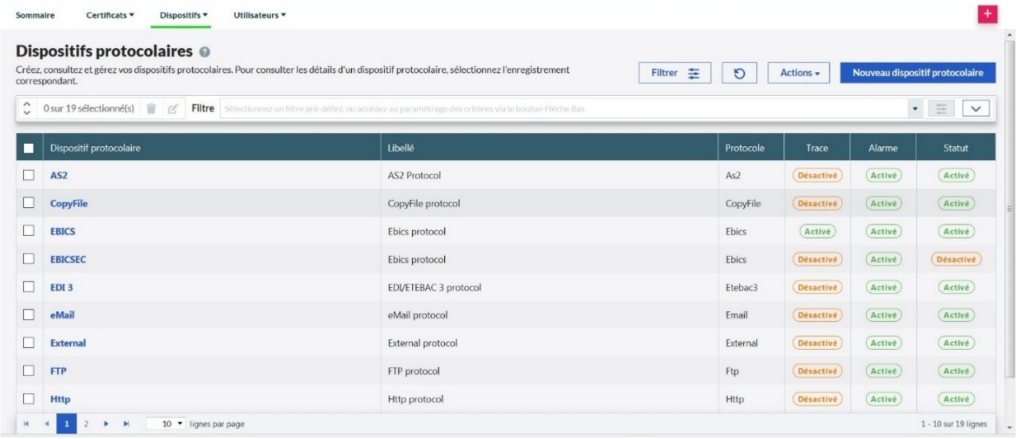
- Bank Accounts



- EBICS Formats and Services



- Protocol and Network Devices



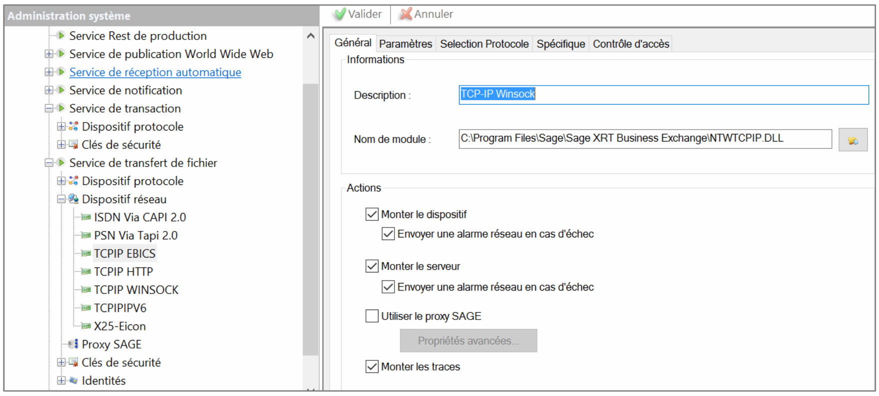
Setup

Server contract traces

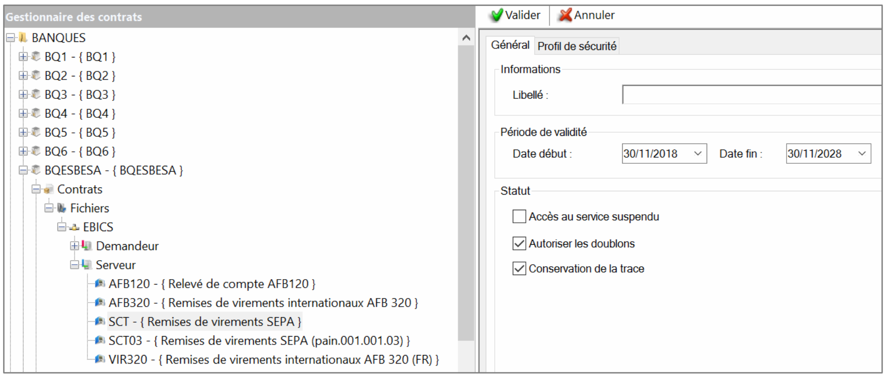
Server traces are no longer saved by default, thus reducing the amount of disk space required. Traces are available on contract level.

You can activate the traces in the **File Transfer Service** in **System Administration**.

On **Network Device** level in **General** tab, select the **Mount Traces** option.



In **Contract Manager**, for each **Server** flow, you can enable or disable the **Keep Trace** option.



- Enabled: the contract trace is saved for the flow
- Disabled: all traces are deleted for the flow

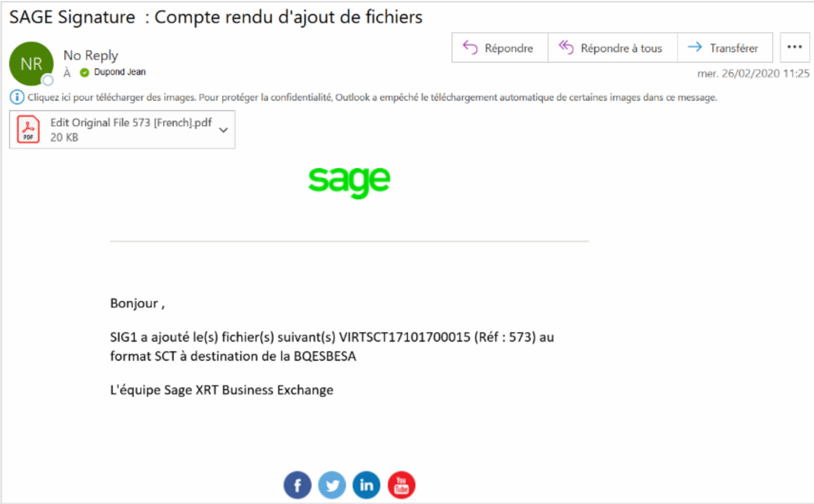
The ***tracefile.exe*** utility can be used to enable/disable traces for every server contract.

New usage **/M** has been added to specify the transfer mode:

- **DEM** for requester
- **SVR** for server

Email templates and signatures

With **Sage XRT Business Exchange** version **12.4**, you can now customize and sign your messages.

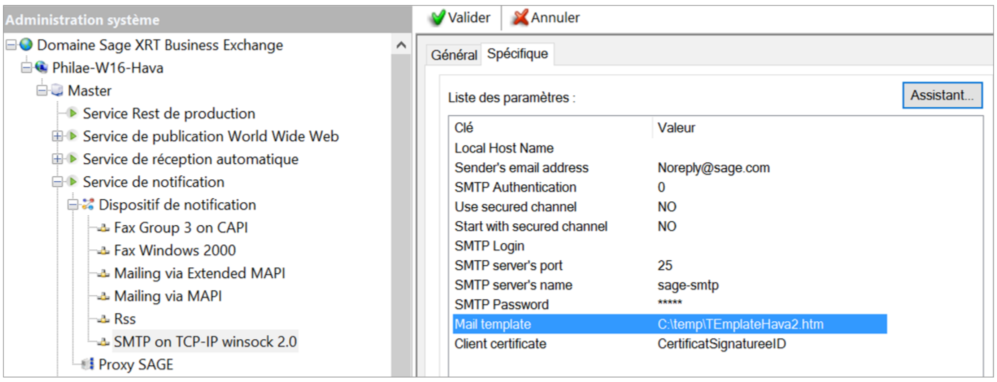


Templates and signatures can be defined in **General Setup** or on **notification contract** level.

General setup

In **System Administration**, on **Notification service** level, two variables have been added for SMTP network devices:

- **Mail Template**: you can add your own template file. File extension must be **html** or **htm**.
- **Client certificate**: you can add a signature certificate to sign the files to be sent.

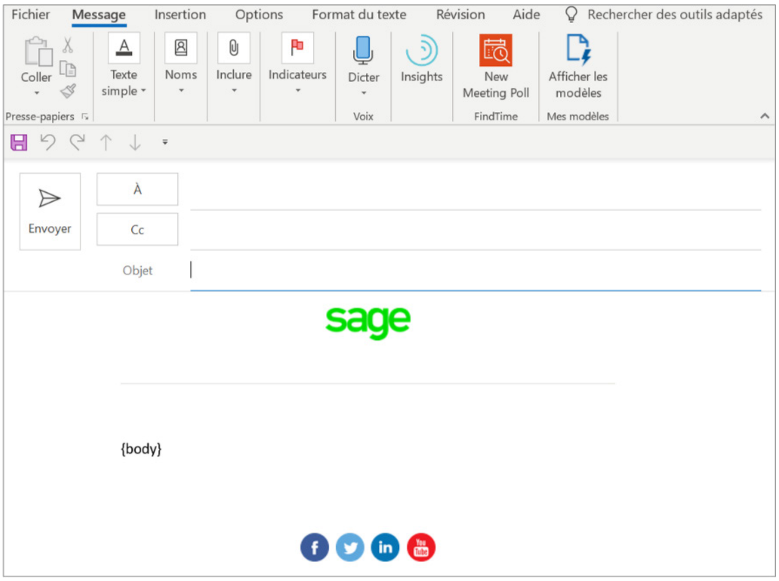


Note: With general setup, all emails sent through **Sage XRT Business Exchange** will use the template and certificate defined for SMTP service.

Example

1. You have created a template file: **TemplateSage.oft**. Open this file in your **Outlook** application.

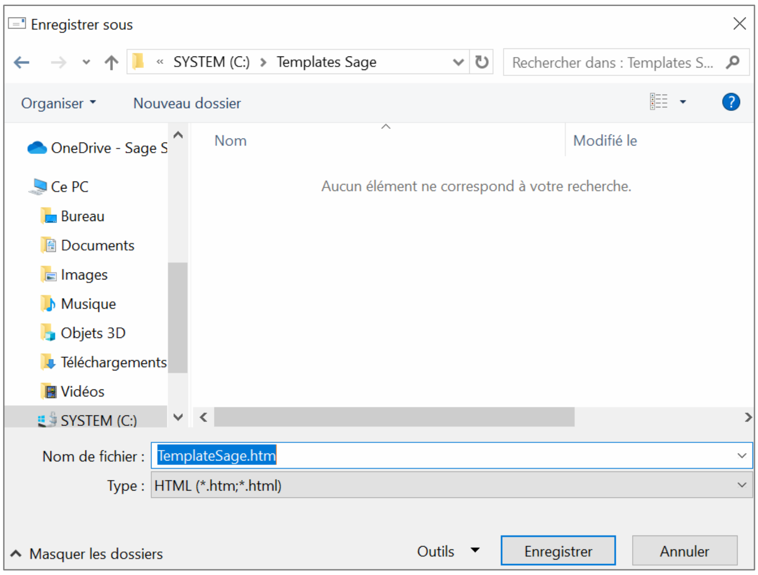
2. Enter the **{body}** tag somewhere in the message text body, to display the processes issued from **Sage XRT Business Exchange**.



Important! Do not enter the subject or recipients. This information will be automatically generated by the processes from **Sage XRT Business Exchange**.

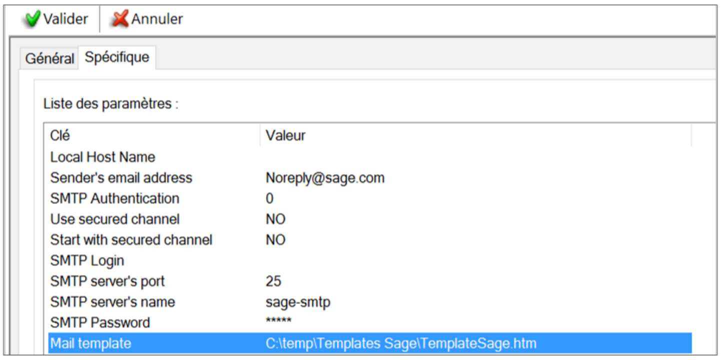
3. Click **File - Save as**, then browse for the directory in which you want to create the template.

4. Enter a file name then select the **HTML (*.htm,*.html)** type.

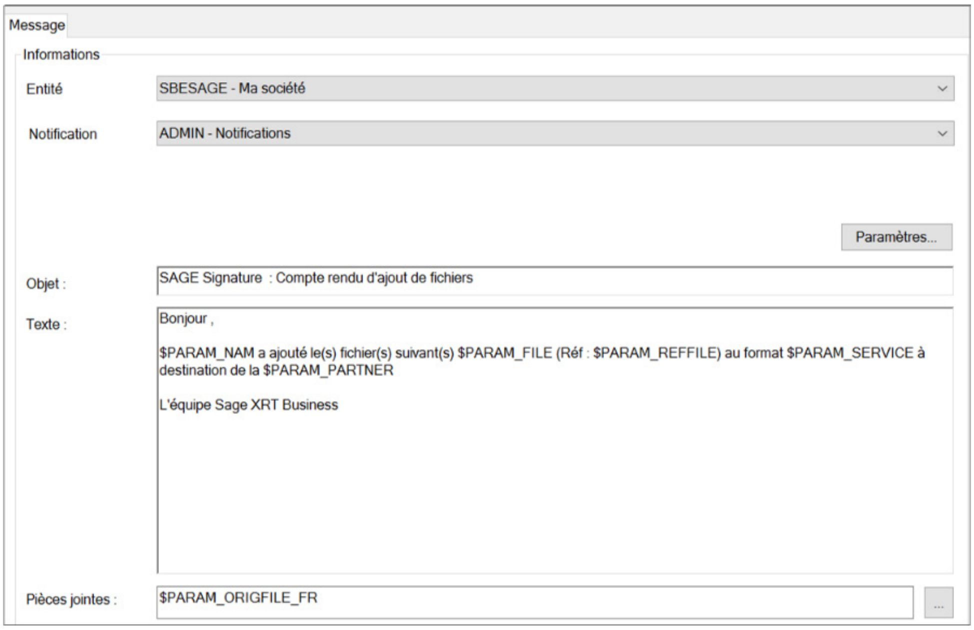


The **TemplateSage_files** folder includes the image files used in the template. It must be placed in the same directory as **TemplateSage.htm**.

5. On **Notification Service** level, select your template as the value for the **Mail Template** variable.



6. In **Sage XRT Business Exchange**, you can set up messages per specific process, e.g. adding files to the **Signature Station**.

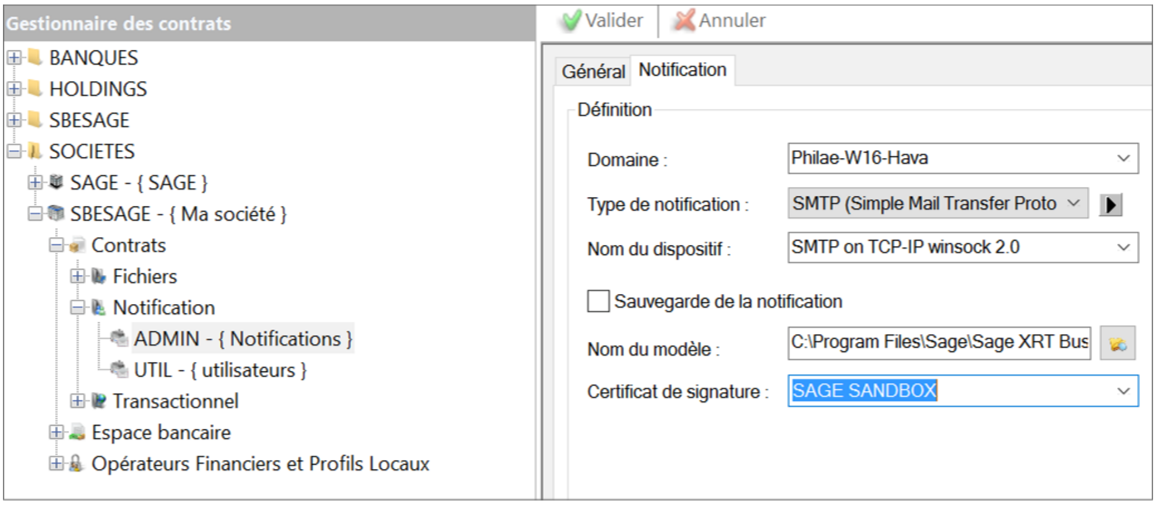


Setup

Each time the process is executed, the users will receive an email which content is defined by your template.

Notification contracts setup

In **Service Manager**, on **Contracts - Notification** level, you can specify a template in the **Template Name** field and select a certificate in the **Signature Certificate** list for each notification contract.



Modification of the HTML file

You can customize the HTML file for the message, by setting up a structure of text blocks or changing the font.

Example

Enclose the **{body}** tag with the following tags:

```
<pre>{body}</pre>
```

In the **<style>** section, insert this block:

```
pre {
            display: block;
            font-family: Calibri;
            font-size: 16px;
            white-space: pre;
            margin: 1em 0;
        }
```

Message groups will be separated by carriage returns and *Calibri* font used.


sage

Le fichier N° 563 de type Service SCT à destination du Partenaire BQESBESA {BQESBESA} sur le Protocole EBICS pour le Client Ma société {SBESAGE} est en attente de traitement dans la Signature et doit être envoyé aujourd'hui pour respecter les délais de traitement spécifiés.

Le fichier N° 564 de type Service SCT à destination du Partenaire BQESBESA {BQESBESA} sur le Protocole EBICS pour le Client Ma société {SBESAGE} est en attente de traitement dans la Signature et doit être envoyé aujourd'hui pour respecter les délais de traitement spécifiés.

Creating variables

You can use a *JSON* file to add variables to the message.

Example

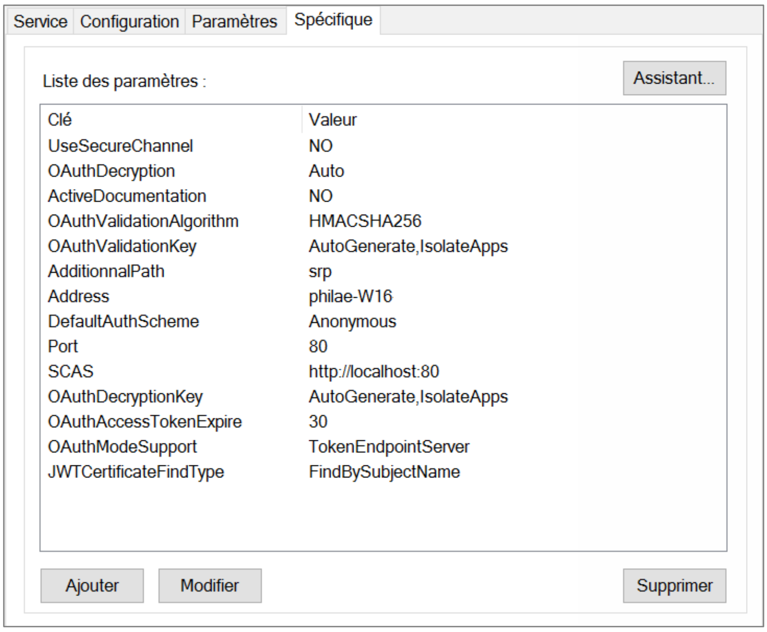
1. Create a **Template.html** file along with a **Template_files** folder for the images.
2. Create a **Template.json** file that will include, for example, the following variables:

Variable	Content	Comment	
"htmlbody"	*"template/template.html"*	Template file identification	R
"Signbas"	*R&D Team*	Signature	O

3. In the **Template.html** file, insert the **{body}** and **{Signbas}** variables where you need their content to be displayed.
4. In **SMTP** service or **Notification Contrat** setup, specify the value **template.json** for **MailTemplate** variable.

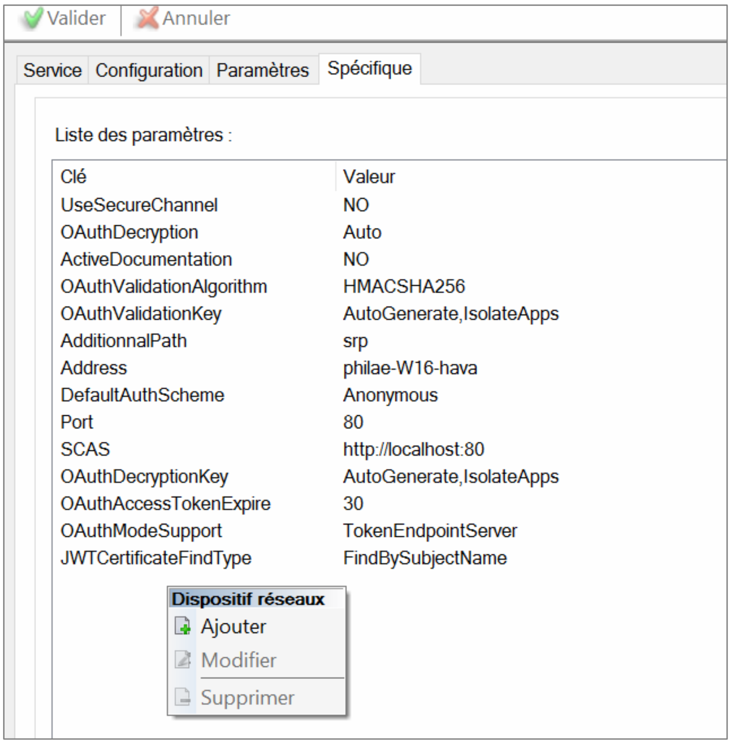
Configuration of production Rest service

You can now use the **System Administration** interface to configure the production *Rest* service (***P5RAPI***).



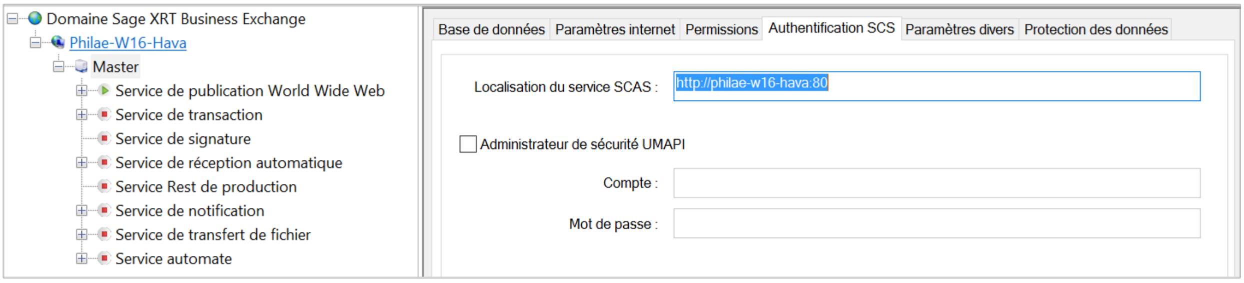
A wizard will guide you through the configuration process.

Or you can enter values by right-clicking then selecting **Add** in the contextual menu.



SCS authentication settings

The URL to access the authentication service from **Sage XRT Common Services** as well as the **SOB** profile credentials are now available from the **System Administration** interface, in the **SCS Authentication** tab of your site.



This setup will replace:

- Authentication information on Transaction Service level for ***Onlinebanking*** protocol device, and login information set up in the **Repository** tab.
- Authentication settings for production *Rest* service (**P5RAPI**).

Features

Update of Sage eidSign signature service

You can decline the update prompt for **Sage eidSign** signature service on client stations.

Open the **Tools - Update eiDSign** menu to view your version number, turn notifications on/off and launch the update process.

Note: The service installation requires administrator rights on the client station.

Business Activity Monitoring

You can use the ***P5BAM.EXE*** utility to collect product and environment information (consumption and usage statistics, technical information, etc.).

You can also launch and get results from your maintenance plans.

Set up your own requests in the ***P5BAM.INI*** config file and define a layout for *html* data by creating or editing a ***P5Bam.css*** / ***P5Bam.ihead*** couple.

P5BAM.INI config file can be encrypted and signed if data protection is enabled.

You can disable data protection only if authorized by the *DPO* (*Data Protection Officer*).

Usage: **P5BAM [/MODEL: { /TXT:| /CSV: | /HTM: | /ITM: | /XML:| /JSN:} /CS: /DEC: /IHEAD: /P: /A: /SERVER:]**	
/MODEL	Template name (**GENERAL MODEL LIST** group in P5BAM.INI file)
/ANALYSE	Analysis group name
/PLAN	Maintenance plan name
/TXT	TXT format generated

Features

/CSV /HTM /ITM /XML /JSN	CSV format generated HTML format generated HTML table format embedded in Email XML format generated JSON format generated
/CS	Encrypts and signs the analysis file Enables data protection in the Data Protection tab of the site. Clear access can be authorized in analysis model configuration.
/DEC	Decrypts the analysis file
/IHEAD	Header file name (HTM and ITM export formats only)
/NOACTION	No action launched, enables to collect the result from a maintenance plan request without executing the process.
/UID	User login. Specifies the account used for process execution.
/PWD	User password
/P	Notification entity name
/A	Notification alias name
/SERVER	Site name

Variables used for file name generation	
Year	\$AAAA\$ / \$YYYY\$ / \$AA\$ / \$YY\$ / \$A\$ / \$Y\$
Month	\$M2\$ / \$M\$
Day	\$DD\$ / \$JJ\$
Time	\$HH\$
Minutes	\$MM\$
Seconds	\$SS\$
Day number	\$QT\$

<u>E.g.</u>:

P5BAM.EXE /MODEL:Default "/HTM:c:\temp\statistiquesGénérales$AAAA$.html" "/IHEAD:C:\Program Files\Sage\Sage XRT Business Exchange\p5bam2.ihead" /P:SBESAGE /A:ADMIN

Features

<u>Example of received HTML file</u>:

Répartition par type d'entité

type d'entité	nombre
Banque	8
Holding	1
Filiale	2
Entreprise	1

Nombre d'utilisateur

nombre
15

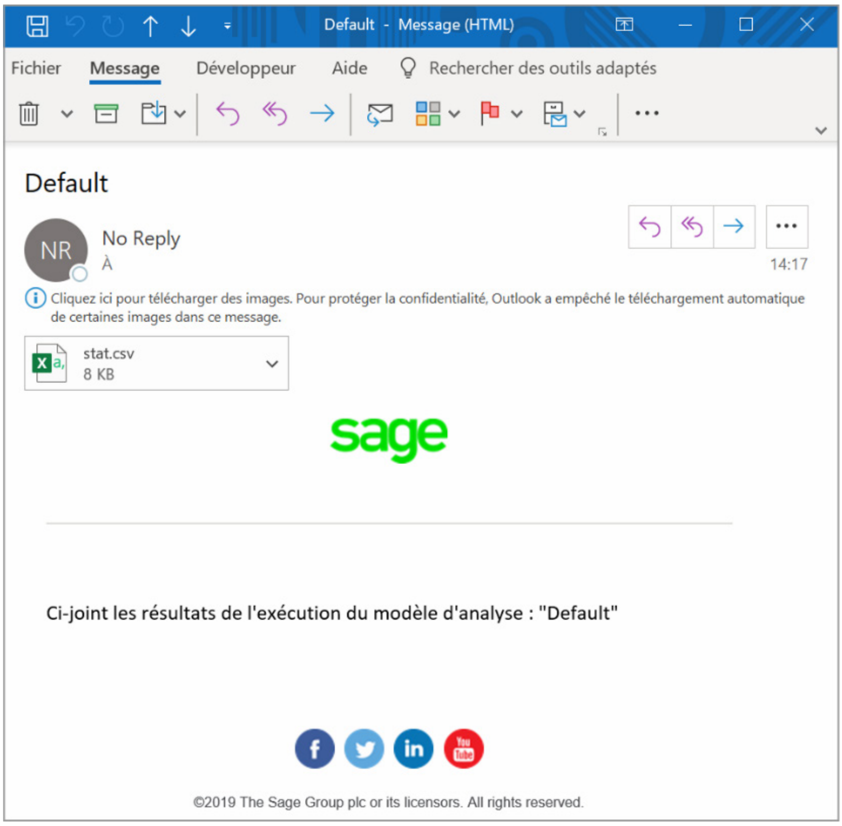
Nombre de signataire

nombre
14

Répartition par devise

devise	total montant	min montant	max montant	total transaction	min transaction	max transaction
EUR	18230152,97	0	343602,65	4867	0	22

<u>Example of Email with attached CSV file</u>:



P5bam.ini file description

Definition of analysis models in Sage XRT Business Exchange	
Section **[GENERAL MODEL LIST]**	Contains the list of analysis models: <Model name>=<Analysis group name>,<Analysis group name>, etc. <u>Example of MODEL</u>: WMI=WMI system extraction, WMI extraction for SXBE installation
Section **[<Analysis group name>]**	Contains the list of analysis for the group <Analysis name>={SQL | WQL}
WQL syntax information	WQL:<WQL request> WQL{"net":"<domain>\\<namespace>","tabv":false,"repeat":0,"interval":0}:<WQL request> Values: • **net**: Domain and namespace for CIM (Default: "\\\\.\\ROOT\\CIMV2") • **tabv**: **true** if data transformed into vertical table, otherwise **false** • **repeat**: Number of repetitions for sampling (from 0 to n) • **interval**: Interval in seconds between repetitions (from 0 to n) <u>E.g.</u>: Equipment characteristics = WQL{"tabv":true}:SELECT * FROM Win32_ComputerSystem

Definition of maintenance plans in Sage XRT Business Exchange	
Section **[MAINTENANCE PLAN LIST]**	Contains the list of maintenance plans: <Plan name>=<Maintenance name>,<Maintenance name>, etc. <u>Example of maintenance plan</u>: [MAINTENANCE PLAN LIST] Purge of temporary files = Temporary files generated by signature service are deleted
Section **[<Maintenance name>]**	Contains the maintenance description: • <Maintenance name> • Condition={ SQL | WQL | } • Action={ SQL | CMD | WQL} • Depend[1..99]={ SQL | CMD} A plan can contain several maintenances. A maintenance contains 1 action and from 1 to n conditions.

Features

<table>
<tr>
<td>Syntax information</td>
<td>
<u>WQL syntax</u> (unavailable for dependencies):

WQL:<WQL request>
WQL{"net":"<domain>\\<namespace>"}:<WQL request>
net: Domain and namespace for CIM (Default: "\\\\.\\ROOT\\CIMV2")
user: Connection login
pwd: Connection password

<u>CMD syntax</u> (unavailable for condition):

CMD:<Process name>
CMD{"user":"<domain>\\<user>","pwd":"<password>","dir":"< password>","stdout":false}:<Process name>
user: Connection login
pwd: Connection password
dir: Default execution directory
stdout: If True, process execution output is captured
if: Condition containing $Action$ (for action dependencies only)

<u>SQL syntax</u>:

SQL:<SQL request>
SQL{"usehost":false}:<SQL request>
usehost: True for Host dsn using
if: Condition containing $Action$ (for action dependencies only)

</td>
</tr>
</table>

Rest API

Rest API can be used to collect data generated from ***P5bam.ini*** file.

Business Activity Monitoring Api Show/Hide | List Operations | Expand Operations

POST	/v1/bam/getmodellist	Get model analytic widget list
POST	/v1/bam/startmodel	Start model analyse
POST	/v1/bam/startmodelasync	Start asynchrone model analyse
POST	/v1/bam/startanalytic	Start analyse
POST	/v1/bam/startanalyticasync	Start asynchrone analyse
POST	/v1/bam/getasyncresult	Obtient le résultat de l'analyse
POST	/v1/bam/getplanlist	Get plan list
POST	/v1/bam/startplan	Start maintenance plan
POST	/v1/bam/startplanasync	Start asynchrone maintenance plan