



Sage XRT Business Exchange

Version 12.3

New features



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Setup

Sage XRT Business Exchange Administration

Sage XRT Business Exchange Administration is a new module which enables you to set up bank contracts online instead of using the rich client interface.

You can use this first version to:

- Manage **Entities**
- Manage **Bank Contracts**
- Manage **Financial Operators** and **Profiles**
- Manage **Calendars**
- View the existing **Bank Accounts**
- View the existing **Services** and **EBICS Formats**
- Create and modify **Users** without **Sage XRT Common Services** interface

Type de société	Entité	Dossier	Raison sociale	Notificati...	Transacti...	Fichier	Statut
Groupe-Holding	BIGBRO	BANCOS/NEW	Big Brother	✓	✓	✓	Suspendu
Institution financière	BNP	BANQUES	BNP		✓	✓	Valide
Institution financière	CIC	BANQUES	CIC			✓	Valide
Institution financière	ECUREUIL	BANQUES	ECUREUIL			✓	Valide
Groupe-Holding	HK	HOLDING	HK				Valide
Groupe-Holding	INSIGHT	HOLDING	INSIGHT TEAM			✓	Valide
Filiale de INSIGHT	INSITU	FILIALES	INSITU			✓	Valide
Entreprise	PIFCO	FOLDER	PIF CO	✓		✓	Valide
Groupe-Holding	SAGE	HOLDING	SAGE	✓	✓	✓	Valide
Entreprise	ZZZ	FOLDER	ZZZ				Valide

Services and Corresponding Flows

In order to facilitate the setup process for Requestor Contracts, the service is associated with projects in the flow correspondence table.

When you create a requestor contract, in the **Write** or **Read** tab, the **Template** field directly proposes the flows corresponding to the selected service.

Setup

E.g.: For SCT service, the **Template** dropdown list (below) presents the flows associated with SCT project.

Général		Connexion	Ecriture	Lecture	Poste de signature
Modèle :	Virements SCT XML UNIFI V3				
Type d'ordre :	Remise de virement (request for transfer) XML UNIFI V2				
Ebics version 2	Remise de virement de trésorerie (intra groupe) XML UNIFI V2				
Format de fichier :	Remise de virement de trésorerie (intra groupe) XML UNIFI V3				
Code pays :	Remise de virement international XML UNIFI V2				
	Remise de virement SEPA XML UNIFI V2				
	Remise de virement XML UNIFI V2				
Ebics version 3 (Business)	SCT inst				
Service :	Virements confidentiels				
Message :	Virements Internationaux XML UNIFI V3				
	Virements multi-ordonnateurs				
Options du service :	Virements SCT XML UNIFI V3				
Domaine (Scope) :	GLB - Global				
Gestion de la signature					
Type de signature :	OFF Line				

P5ASX Networks Variables

In P5ASX objects, new variables are available.

They provide the IP address or the host name of the distant site, as well as its port number, when such data exist.

For **Stats** object which gathers the transfer statistical data, **remoteDte** property is available with the value:

- **Adresse d'appelant** if communication is in server mode.
- **Adresse d'appelé** if communication is in requestor mode.

Variable example:

```
Call Show("RemoteDte", Stats.RemoteDte, "Adresse d'appelant")
```


Return Codes Exclusion

In the reception campaign, you may add protocol return codes to the exception list.

This list cancels the call relaunching of reception campaigns for these codes. Access to this list requires administrator rights.

Déclenchements Périmètres Pools Machines

Informations

Libellé :

Heure et période de déclenchement

☐ Campagne suspendue

Heure début : Heure fin :

Calendrier d'accès :

Paramétrage relance

Nombre total de relances :

Intervalle de tentative : minutes

Liste d'exception des codes de retour protocolaire :

Utiliser la virgule (,) pour séparer les valeurs

Examples:

LRC[Business RC:[091006][EBICS_UNSUPPORTED_ORDER_TYPE]:Order type not supported]

LRC[Business RC:[091112][EBICS_INVALID_ORDER_PARAMS]:Invalid order parameters:File Format not defined]

Online Banking - Access Permission for Contracts

For **EBICS** contracts, access permissions for contracts can be set up on **Online Banking**.

You can set up permissions for the file edition and archiving.

Setup

You can also authorize or forbid the edition of detailed signature tickets.

Signature réelle : Double ▼

Signataires de rang 1 : Sélection... ▼

Signataires non autorisés

Signataires autorisés

Paramétrage avancé

Permissions sur le contrat

Edition du fichier : Sélection... ▼

Signataires non autorisés

Signataires autorisés

Archivage des fichiers : Sélection... ▼

Signataires non autorisés

Signataires autorisés

Accès au paraphage

Transmission automatique après signature

Notifier les signataires

Joindre le fichier

Autoriser l'édition du ticket détaillé

Modification of EBICS Version

To facilitate migrations from **EBICS 2.X** to **EBICS 3.0**, you can modify the **Ebics Version** parameter on the bank contract.

Entité : Ma société {SBESAGE} ▼

Banque d'affiliation : BQ1 {BQ1} ▼ BIC

Service : Remises de virements SEPA (pain.001.001.03) {SCT03} ▼

Url

Version Ebics : 2.4/2.5 ▼

Libellé du contrat :

Format de fichier : pain.001.001.02.rft

Signature interne : Aucune ▼

Signature réelle : Simple ▼

Partner (ou Customer) ID : BQ1SAGE

User ID : SBEAUTRE

Mode Test

Réconciliation

Entité : Ma société {SBESAGE} ▼

Banque d'affiliation : BQ1 {BQ1} ▼ BIC

Service : Remises de virements SEPA (pain.001.001.03) {SCT03} ▼

Url

Version Ebics : 3.0 ▼

Libellé du contrat :

Type de service : Remise de virement de trésorerie (intra groupe) XML UNIFI V3 ▼

BTF Format : Message : pain.001 Version : 03 Variance : 001 Format : XML

Service : ICT Domaine (Scope) : FR Option : Container :

Signature interne : Aucune ▼

Signature réelle : Simple ▼

Partner (ou Customer) ID : BQ1SAGE

User ID : SBEAUTRE

Réconciliation

Warning! If you modify the version, you must also modify the file format by BTF.

Operation

Display Templates

The signatory can only view their own display templates.

Createfile Improvement

Disconnection does not stop the network drive scanning.

Protocol Error Message

The signatory now receives the error messages (with details) when their token is initialized.

Example: When the user ID is not recognized by the bank partner, the following message appears:

**An error occurred while performing the requested operation:
[EBICS_USER_UNKNOWN] Subscriber unknown**

SWIFT FileAct

The error from SAG [**Sag:APL-I.001.008**][**Message lost (The connection to SAG was lost while the request was being processed)**] is now a simple warning.

The transfer is actually completed and the archived file enables the slip edition.

Production API

P5RAPI service enables you to exchange data with **Sage XRT Business Exchange** through the *API Rest*.

For more information, see the document:

SXBE.12.3.RestProductionAPI.UserGuide_EN.pdf

The following uses are available for **addfile** production *API*:

- **/A** for application
- additional references:

/REFn:

/REFnUTF8:}<ref>] n: from 0 to 9

ref: Free additional info

CAdES-BES Signature

CAdES-BES signature is available for all protocols supporting PKCS#7 signature. For each bank contract, you can select CAdES-BES signature as the real exchanged signature.

Général Login Ecriture Lecture Script Enveloppe de sécurité Poste de signature

Poste de signature

☐ Signature interne

☒ Signature réelle échangée

CADES-BES

Gestion des certificats de transport

☐ Utiliser des certificats différents pour les signataires

Warning! CAdES-BES signature on the signature station is a billable option.

P5WCERT Tool

This tool manages X509 certificates.

New uses are available:

- **/CEBREPORT**: List of certificates, info on the use of **EBICS** identities
- **/CEBDELETE**: Disposal of not used certificates in an **EBICS** identity
- **/CEBRENEW**: Renewal of expired certificates for **EBICS** identities

For more information, see the document:

SXBE.12.3.CommandLineTools.UserGuide_EN.pdf

EBICS Transfer History and Data Absence

In the **EBICS** protocol device, the new variable **Raise Filenotfound exception** set on **NO** stops the tracking of transfers in **EBICS** when there is no available data on the monitor.

Validater Annuler

Général Spécifique

Liste des paramètres : Assistant...

Clé	Valeur
Force Absolute URL	YES
Certificate Validation With OCSP	NO
PSR Generation	YES
PTK Generation	NO
HAC Generation	YES
PSR Warning Generation	YES
Reconciliation interval	30
PSR Warning Service	PSR
PSR Service	PSR
HAC Service	HAC
Strictly check transport user	NO
Force Close Connection	YES
Certificate Validation	YES
Max. recv timeout	120
Send X509 certificate	YES
User Automatic Activation	NO
XML Validation	YES
Raise Filenotfound exception	YES

Security

Certificates Check

Certificates can be checked through their hash. When the option **Add Certificate ID** is selected, the certificate is controlled through the CN field and the hash. If the option is not selected, the process remains the same: the certificate is checked only through the CN field.

The modification applies on:

- Signature Contract Manager - Signatory Identification - EBICS Identities

Nom	Emis par	Date de cr...	Date d'exp...	N° de Série
BQ2E002	BQ2E002	27/11/2018	27/11/2023	74 9A 8C 4F 85 39
BQ2X002	BQ2X002	27/11/2018	27/11/2023	31 DE 62 90 13 D8
BQ3E002	BQ3E002	28/11/2018	28/11/2023	1A 55 AE 90 BB 62
BQ3X002	BQ3X002	28/11/2018	28/11/2023	32 70 55 D4 C3 9F
BQSBESAGEE002	BQSBESAGEE002	30/11/2018	30/11/2023	21 DB 79 A2 CB 84
BQSBESAGEX002	BQSBESAGEX002	30/11/2018	30/11/2023	7E 22 7C 6A 57 4D
CertificatSignatureeID	CertificatSignatureeID	24/03/2015	24/03/2020	24 6E 2D A5 CE 18

- Contract Manager - Requestor/Server Contracts Security Envelope - EBICS Requestor Contract

Nom	Emis par	Date de cr...	Date d'exp...	N° de Série
CertificatSignatureeID	CertificatSignatureeID	24/03/2015	24/03/2020	24 6E 2D A5 CE 18 B9
HATOU	HATOU	25/01/2019	01/01/2119	64 44 94 3D DF E2 AC
TEST.TEST	TEST.TEST	09/01/2018	09/01/2023	12 2F 83 EA 36 EE 2C

Security

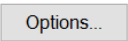

- Server Signature Rules - Signatory List and Monitoring

<input type="checkbox"/>	HATOU;hash=e8007fda12ad951a73a9bdc4b83c77c0ee...	01/01/2119	5444943DDFE2AC884D87BAEB19770...
<input checked="" type="checkbox"/>	TEST,TEST;hash=cc53d51c3ce8ed06e38b47bf041a75d1...	01/09/2023	122F83EA36EE2CB14920EE933D04FA...
<input type="checkbox"/>	SIG-BQ2SAGE-SFBT-7a8e19d3-a812-447e-b424-45537c0eeef8	01/02/2024	696341FB572D05B64C52F0BE354626...



Integrity Improvement



The **Integrity** tab includes the VFS files. The Integrity ensures that no file (requestor-issuer) in VFS is modified before its transmission to the bank.



Base de données Paramètres internet Permissions Paramètres du P.A.P. **Intégrité**







Intégrité

☒ Base de données 

☒ Site OnlineBanking  Suspendre l'accès

☒ Vfs  Ne pas démarrer le transfert

☒ Script  Ne rien faire

☒ Registre  Ne rien faire

Anomalie sur les contrats

☒ Détection d'échec de connexion

☐ Suspendre le contrat

Contrat de notification

Entité : SBESAGE

Alias : ADMIN

Two new uses are available for P5SECFILE:

- **Compute VFS**
- **Check VFS**

For more information, see the document:

SXBE.12.3.Security.UserGuide_EN.pdf

Improvements

SameSite Securing

On **Online Banking**, the session cookie is secured through the **SameSite** instruction. This attribute limits the risks of Cross-Site Request Forgery and Cross-Site Script Inclusion.

HTTP Strict Transport Security

HTTP Strict Transport Security (HSTS) is a security mechanism which enables a web site to declare that web browsers should interact with it using only *https* connections instead of *http*.

HTTP Strict Transport Security (HSTS) is supported on the header of the requests for **EBICS** server.

XML EXternal Entity

To protect you from XML EXternal Entity attacks which consist in sending a malicious file to an XML analyzer, **libxml2** library and the referenced CVE (Common Vulnerabilities and Exposures) have been updated.

Corrections

Access Control Enhancement

Access is controlled during folder modifications. The encryption algorithm has been reinforced.

Sensitive Data Transmission - HTTP GET Method

To protect you from data breach or uncontrolled access to functions, HTTP POST is used to convey sensitive data within addresses.

Sage XRT Common Services 5.0

Web Interface

Sage XRT Common Services now consists of:

- The **Administration.Net** part to manage tenants (e.g.: workgroups), databases and user accounts.
- And three services
 - Authentication Service (SCAS)
 - Administration Service (SCPS)
 - Functionality Service (SCDTS)

The Administration Service offers a web interface which enables you to manage licenses, user profiles, linked users, authentication methods and administration rules (data activation, four-eye policy application).

The Functionality Service contains the management interface for formats.

Licenses Administration

You can now manage licenses by tenant (workgroup), with the option of a default license (so far available management).

Security Enhancements

Security patches have been applied: display of the version number, general error messages, limited number of OTP entries, authorized list of redirection URLs, support of *TLS* 1.2 or 1.3 in *https* mode.

You can now use the same session (only one identification and one token) on several products through the *Refresh token* process.

Payments API

Batch transfers are now part of the transfers available on payment generation *API*.

Integration

Sage.fcs.client Library

Sage.fcs.client (wrapper) enables the transparent use of an *API Rest* set hosted by *SCASServer*, *SCDTSServer* and *SCPSServer* in **Sage XRT Common Services**.

Provided as a *DLL*, **Sage.fcs.client** operates in 32 bits and 64 bits. It may be used as a *.NET* library, or as a *COM* component.

Sage.fcs.apifmt Application

This console application can provide the distant execution results for a Format *API* process.

Sage.fcs.pwdencode Application

This console application can encrypt the user password to avoid its plaintext circulation on the network.

The password can be base64-encoded only (by default) or encrypted with the public key of the authentication service plus base64-encoded.

Formats

TLMC Format

TLMC format is designed for remote collection of checks and is now available in signature and in edition (portrait and slip).

Conf_std_aef Format

The standard Confirming format (Spanish Facturing Association) is now available in signature and in edition (portrait, landscape and slip).

It is designed to both standardize Confirming for Spain and stop any further specific format.