

# Sage Business Exchange

version 11.40 SP1

## Setup Guide for EBICS 2.5





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## Overview

From the 1st of July 2012, EBICS Protocol (Electronic Banking Internet Communication Standard) may be used in version 2.5 for German servers, whereas version 2.4 remains the only used version in France.

The elements presented in this guide have been modified for perfect adaptation to version 2.5 while remaining fully compatible with version 2.4.

## Client Station (Requestor)

All the modifications have been made in the Identification Parameters of Bank Contracts.

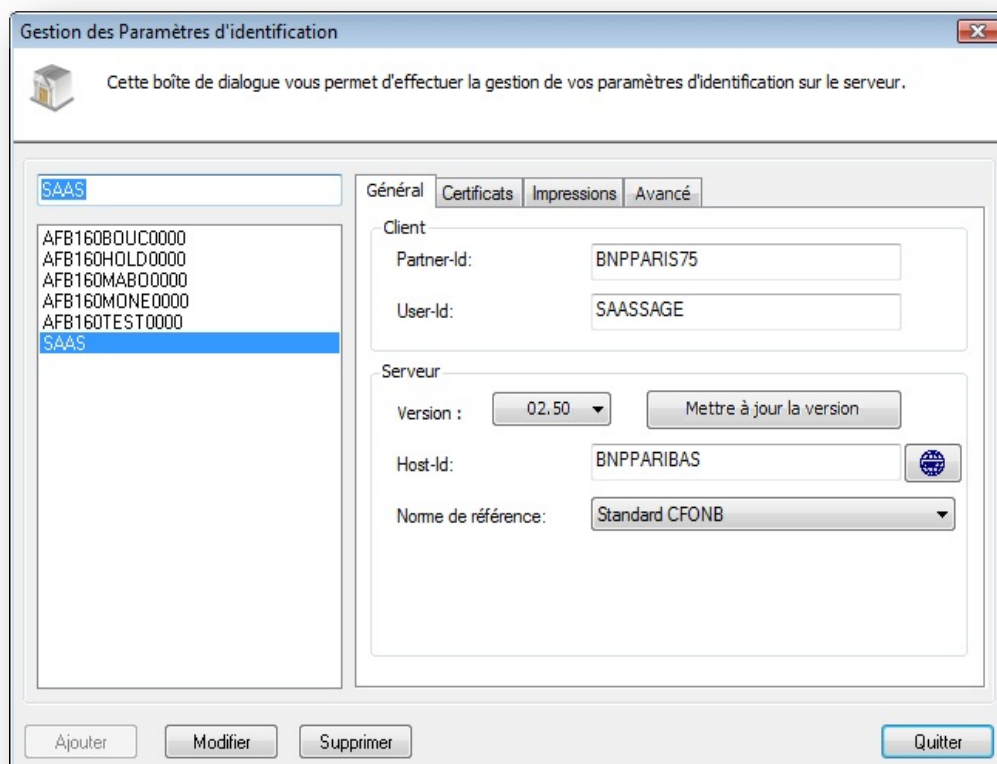
The setup elements' organization has been reworked for an even more intuitive EBICS version.

Consequently, the Identifiers tab has been removed.

Two new tabs replace it:

- General
- Advanced

### General Tab



### Client Section

**Partner ID:** identifier provided by the banking partner.

**User ID:** identifier provided by the banking partner.

## Server Section

**Version:** drop-down menu presenting the version options of EBICS Protocol. There are two options:

- 02.40 (default value)
- 02.50

Clicking the Update Version button automatically completes this field.

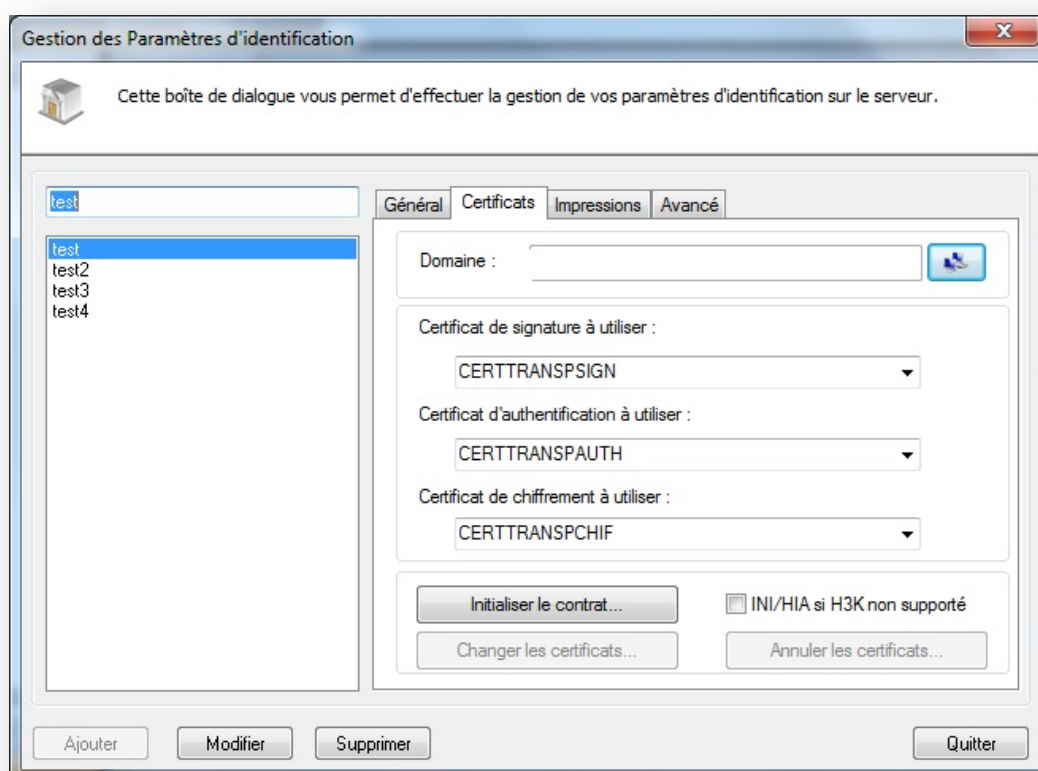
In this case, an HEV query is sent to the server and the most advanced version returned is used to update the specified value. The available values of the drop-down menu are not updated with the HEV query.

**Host ID:** identifier provided by the banking partner.

**Reference Standard:** drop-down menu presenting the standard options for EBICS Protocol. At the moment there are two options available

- CFONB Standard for France
- ZKA Standard for Germany

## Certificates Tab



INI/HIA if H3K not supported: Disabled by default. Not available if the version specified in the Server section of the General tab, is 02.40. When enabled: during initialization in 2.5, if an H3K query is rejected by the server, then an initialization with INI and HIA queries is automatically launched by SBE.

## What is H3K?

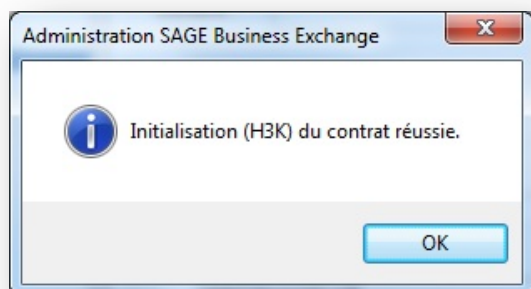
H3K is an initialization query available as of version 2.5 of EBICS Protocol.

This query enables the certificates' initialization which is secured by the Certification Authority of the signature certificate, and as a consequence avoids the sending of fax/email initialization letters to activate the telematics contract.

You can perform a H3K request only if:

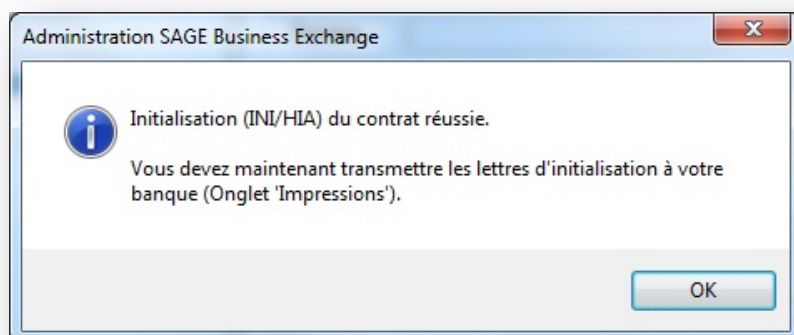
- the EBICS version used with the bank server is 2.5.
- an AC recognized by the bank server provides the signature certificate.

With H3K queries, a message confirms the smooth progress of the initialization:



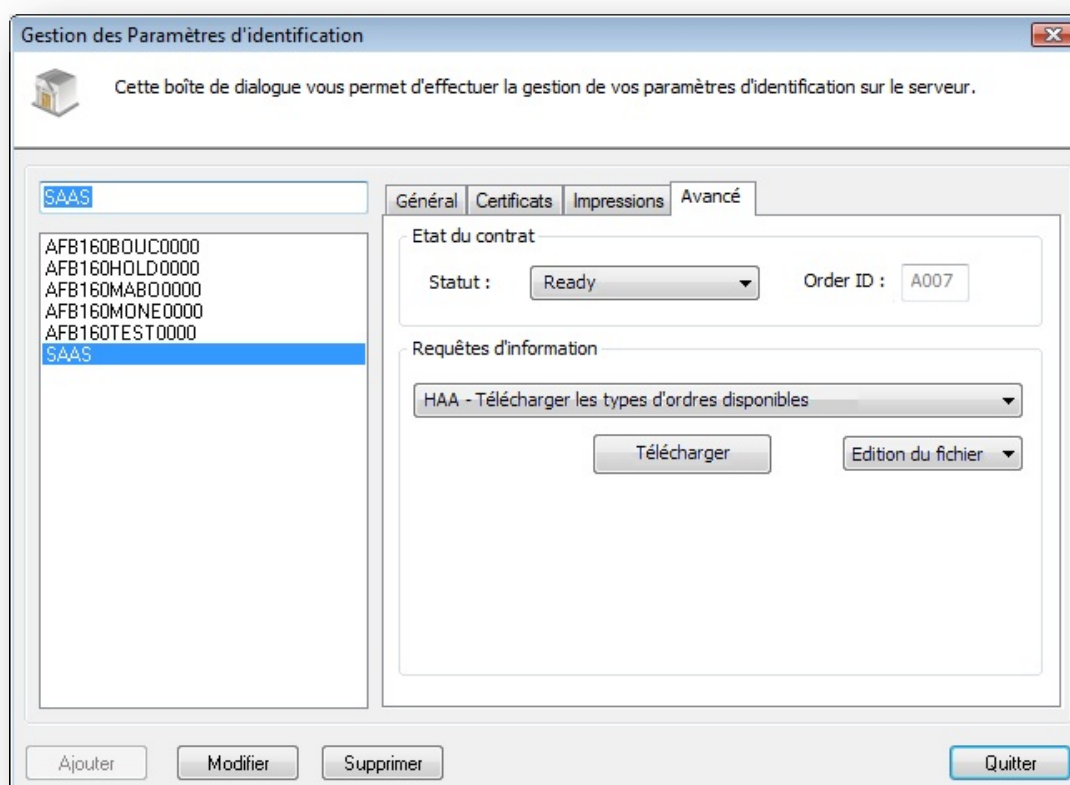
The contract may be used immediately as, with H3K queries, there is no initialization letter requesting manual validation to the banking partner.

With INI and HIA queries, a message confirms the smooth progress of the initialization:



The contract cannot be used immediately as, with INI and HIA queries, an initialization letter requesting manual validation to the banking partner, must be sent.

## Advanced tab



## Contract Status

Status: It specifies the File Status Drop-down menu presenting all available contract statuses:

- New (Not Initialized): No initialization performed (default status)
- Partially Initialized INI: INI query performed, pending for HIA query execution
- Partially Initialized HIA: HIA query performed, pending for INI query execution
- Ready: contract initialized
- Suspended: Contract Stopped

Order ID: Last Order ID exchanged with the banking partner. If the version specified in the General tab is 02.50, data cannot be modified, because the Order ID is managed by the bank server in EBICS 2.5.

## Information Queries

Drop-down menu enabling the selection of the query to submit to the bank server. In EBICS, these queries' support is optional, that is the reason why a bank server might not recognize some of them (in which case, it may return this error message: EBICS\_UNSUPPORTED\_ORDER\_TYPE).

Four options are available:

- HAA – Download available order types (default).
- HKD - Download contract information for the Company
- HPD - Download server information
- HTD - Download contract information for the User

Download: This button enables the sending of the selected query (HAA, HKD, HPD or HTD) to the server.

Drop-down menu enabling the selection of the display format for the received file.

Two options are available:

- File edition (default): Edition managed by Common Services.
- XML



## Server Station

### Contract Manager

EBICS version is defined during the first contract initialization with SBE server.

The version is mentioned in the Server Mode of an EBICS contract on the right of Manage Users...

EBICS version cannot be merely "updated", it requires a new initialization: the version is specified for information only and cannot be edited.

Hence slight UI differences depending on EBICS version, may be noted in the management of the Order ID.

### Version 2.4

In this EBICS version, the Order ID (unique per Partner ID, initialized to A000) is managed by the client.

The Order ID is specified for information only and cannot be edited.

Contrat serveur

Contrat

Partner-ID : BNP

System-ID :

User-ID : Gestion des utilisateurs ...

Version : 2.4

Order ID :

Informations

Libellé :

Période de validité

Date début : 30/09/2013 Date fin : 30/09/2023

Statut

☐ Contrat suspendu

## Version 2.5

In this EBICS version, the Order ID (unique per Partner ID, initialized to A000) is managed by the server.

So the ID Order may be modified directly in each server bank contract.

The screenshot shows a software window titled "Contrat serveur". It contains several sections for managing a server contract:

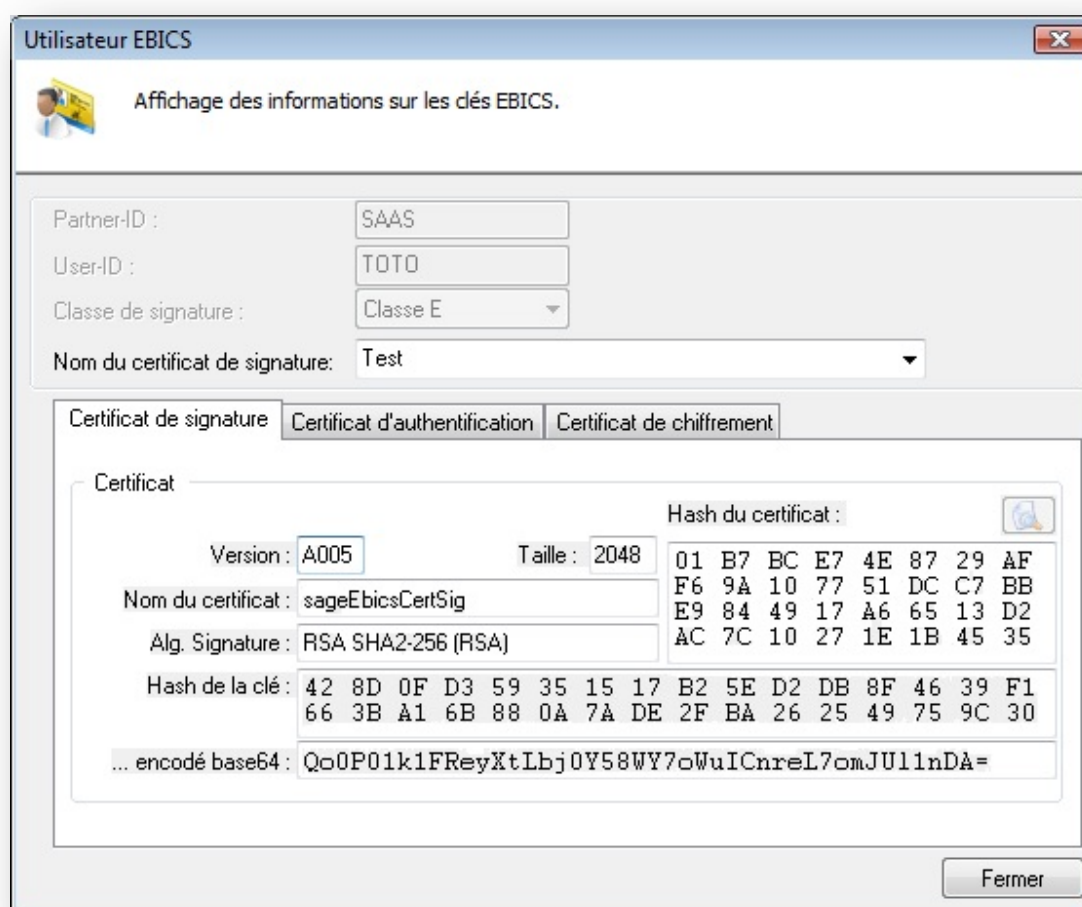
- Contrat**: This section includes fields for "Partner-ID" (containing "BNP"), "System-ID" (empty), and "User-ID" (with a button "Gestion des utilisateurs ..."). To the right, there is a "Version" dropdown menu set to "2.5" and an "Order ID" field containing "B059".
- Informations**: This section has a "Libellé" (Label) field, which is currently empty.
- Période de validité**: This section contains two date fields: "Date début" (30/09/2013) and "Date fin" (30/09/2023), both with dropdown arrows.
- Statut**: This section has a checkbox labeled "Contrat suspendu", which is currently unchecked.

## Managing Users

The EBICS version 2.5 offers a new kind of order called H3K which allows all public keys to be securely sent through a single process and a certificate delivered by an authority for the signature key.

The benefit of this query is that no INI and HIA letters needs to be sent. As a consequence, contracts initialized through H3K queries are automatically available right after their initializations.

In the User Management, the UI has been reorganized to include the Common Name for the certificate authorized to sign the H3K query.



**Utilisateur EBICS**

Affichage des informations sur les clés EBICS.

Partner-ID : SAAS  
 User-ID : TOTO  
 Classe de signature : Classe E  
 Nom du certificat de signature : Test

Certificat de signature | Certificat d'authentification | Certificat de chiffrement

**Certificat**

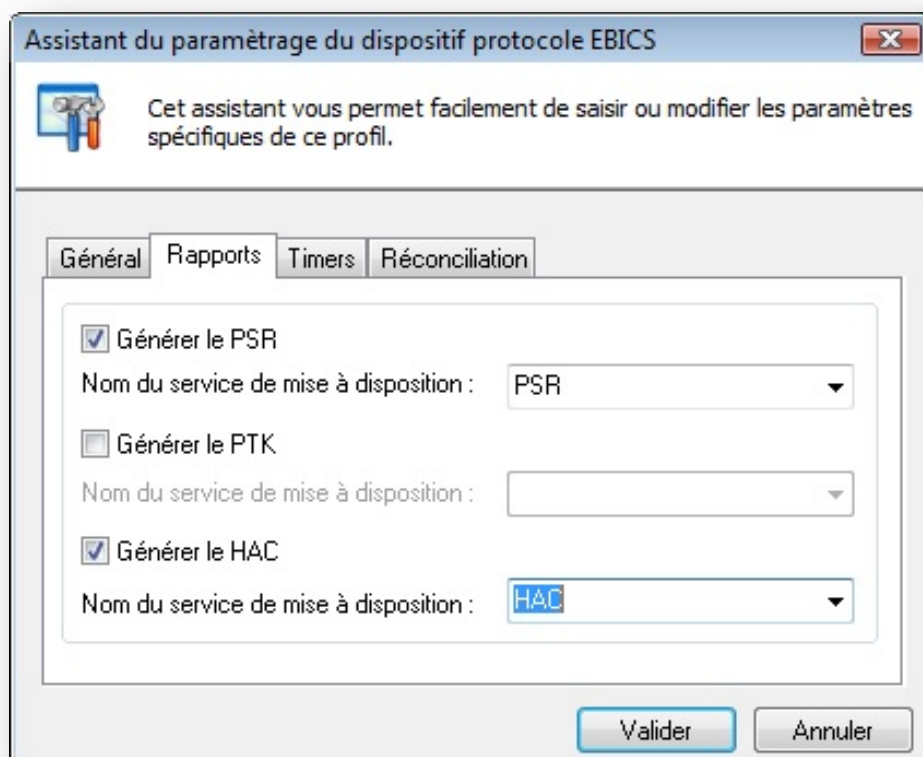
Version :	A005	Taille :	2048	Hash du certificat :	01 B7 BC E7 4E 87 29 AF F6 9A 10 77 51 DC C7 BB E9 84 49 17 A6 65 13 D2 AC 7C 10 27 1E 1B 45 35
Nom du certificat :	sageEbicsCertSig				
Alg. Signature :	RSA SHA2-256 (RSA)				
Hash de la clé :	42 8D 0F D3 59 35 15 17 B2 5E D2 DB 8F 46 39 F1 66 3B A1 6B 88 0A 7A DE 2F BA 26 25 49 75 9C 30				
... encodé base64 :	Qo0P01k1FReyXtLbj0Y58WY7oWuICnreL7omJU11nDA=				

Fermer

## System Administration

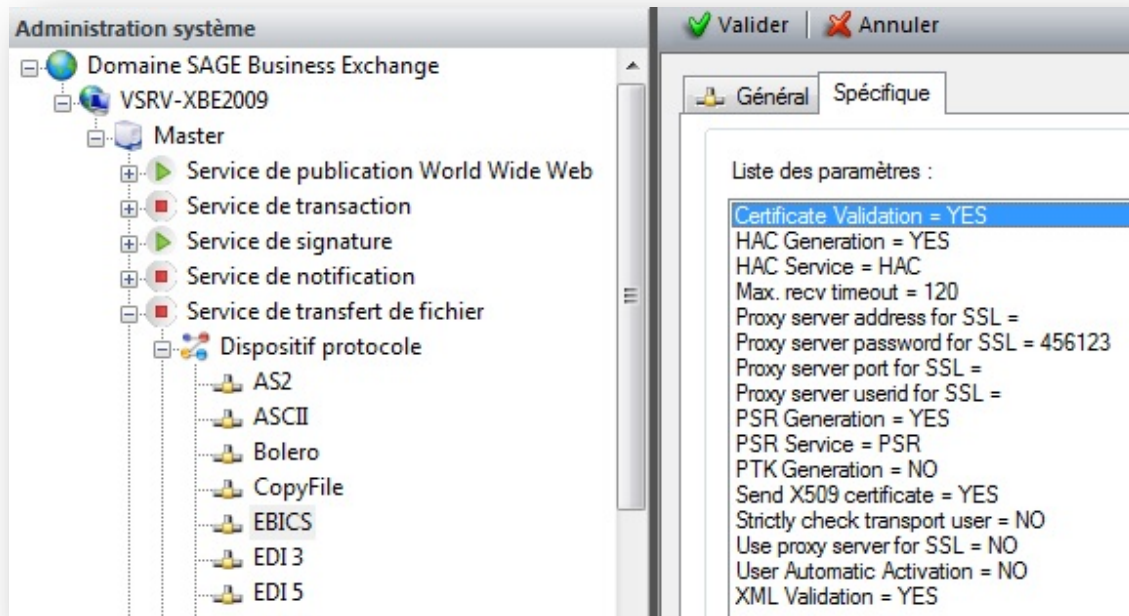
EBICS 2.5 version also offers a new report file format on the issued files' processing: HAC format.

For the File Transfer Service, in the setup wizard for EBICS protocol, in the Reports tab, new option (disabled by default):



**Create HAC:** If enabled, this option requires its association with an availability service. It automatically generates an HAC report file on the reception acknowledged by the server. The file is made available for the contract of the same issuing entity on the associated service.

This new option is linked to two elements from the EBICS variables' list:



- **HAC Generation:** Boolean. Default Value = NO. If HAC generation is enabled, then the value is YES.
- **HAC Service:** Service associated with the generation for availability of HAC files.