

Sage XRT Common Services

version 3.7

Setup Guide



Contents

GUIDELINES.....	3
Overview	3
Specific Recommendation for Oracle	3
INSTALLATION.....	4
UPGRADE INSTALLATION	14
USAGE.....	16
Creating (SQL Server) Workgroups before first use.....	16
Step 1: Define a Workgroup name	16
Step 2: Select a Provider	17
Step 3: Select a Database	18
Step 4: Products.....	20
Step 5: Create/Update Models.....	21
Using the Application for the first time.....	22
Welcome Screen.....	22
Managing Roles	23
Managing Role's Rights.....	25
Creating Users	27

Guidelines

Overview

Sage XRT Common Services and **Sage XRT Bank Format Library** applications are now separated, particularly for an increased control of formats output.

This document presents **Sage XRT Common Services** installation.

Installing **Sage XRT Common Services** pre-installs **Sage XRT Bank Format Library** that you will have to update afterwards.

For this update, please refer to the installation guide of **Sage XRT Bank Format Library**.

Before installing and updating *Sage* platform, you are recommended to back up all your data.

Specific Recommendation for Oracle

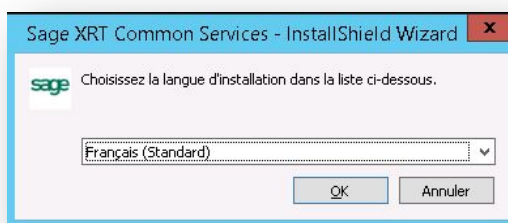
Sage applications are validated in *Windows* environments. If *Oracle* server runs under operating system other than *Windows*, please contact the client's database administrator.

Installation

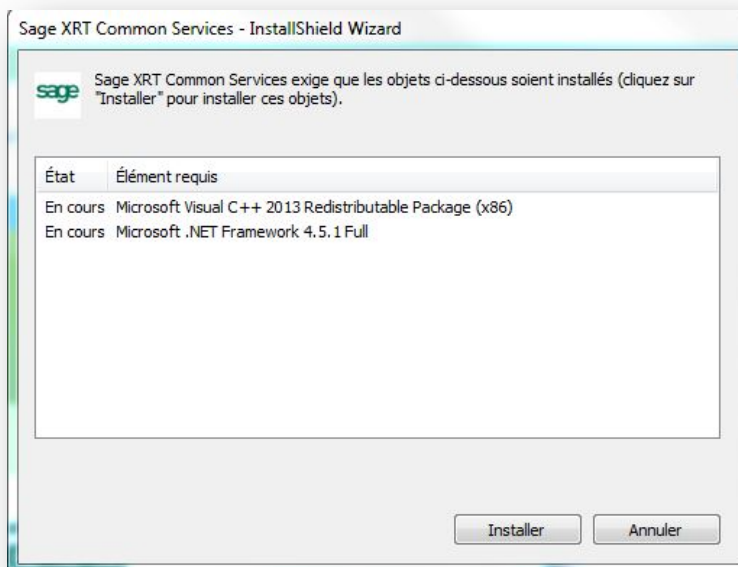


Sage XRT Common Services must be installed prior to installing any other Sage programs.

1. In **Products - Common** on the DVD, launch the **Setup.exe** and select your language, then click **OK**.

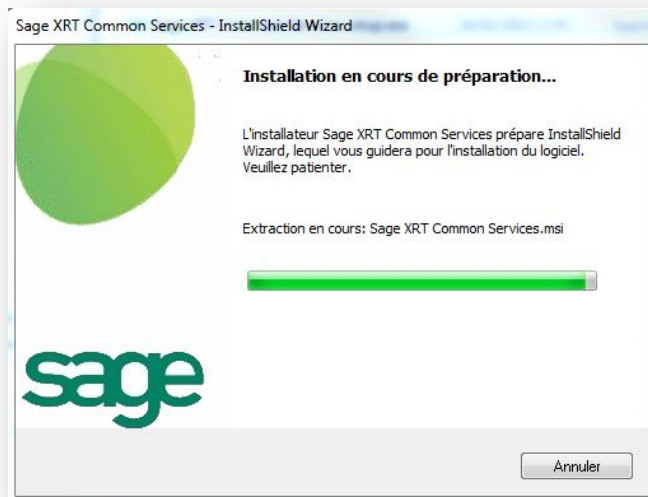


For the first installation, **Sage XRT Common Services** requires **Microsoft Visual C++ 2013 redistributable package (x86)** and, on certain environments, **Microsoft .NET Framework 4.5.1 Full** have been installed, click **Install**.

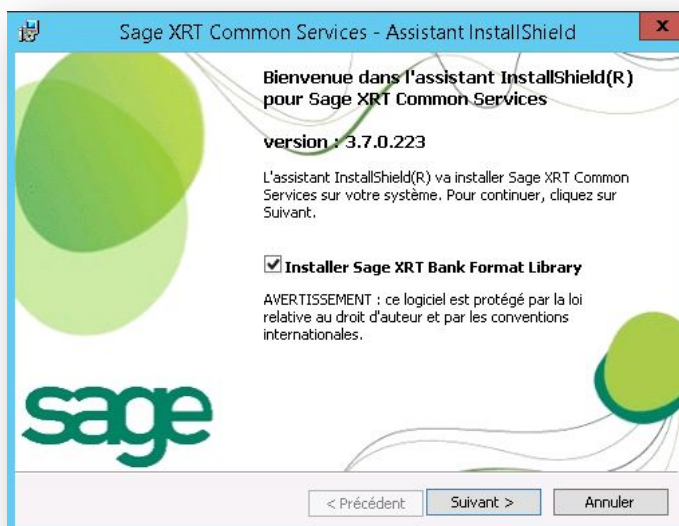


Installation for both starts. The process may take several minutes. At the end of it, certain environments require restarting your computer.

The **Installshield** wizard of **Sage XRT Common Services** takes over and displays a progression window. Click **Cancel** at any time to abort the installation process.



2. The Welcome screen of **Sage XRT Common Services** displays the version number for **Sage XRT Common Services**. Leave the **Install Sage XRT Bank Format Library** option selected by default. Click **Next**.



3. The **Customer Information** screen is displayed.



The screenshot shows the 'Informations client' window of the Sage XRT Common Services - InstallShield Wizard. The window has a blue title bar and a green header with the Sage logo. The main area is white and contains two text input fields: 'Nom utilisateur:' with 'Sage' entered, and 'Organisation:' with 'Sage EME' entered. At the bottom, there are three buttons: '< Précédent', 'Suivant >', and 'Annuler'. The version number 'v3.7.0.142' is displayed in the bottom left corner.

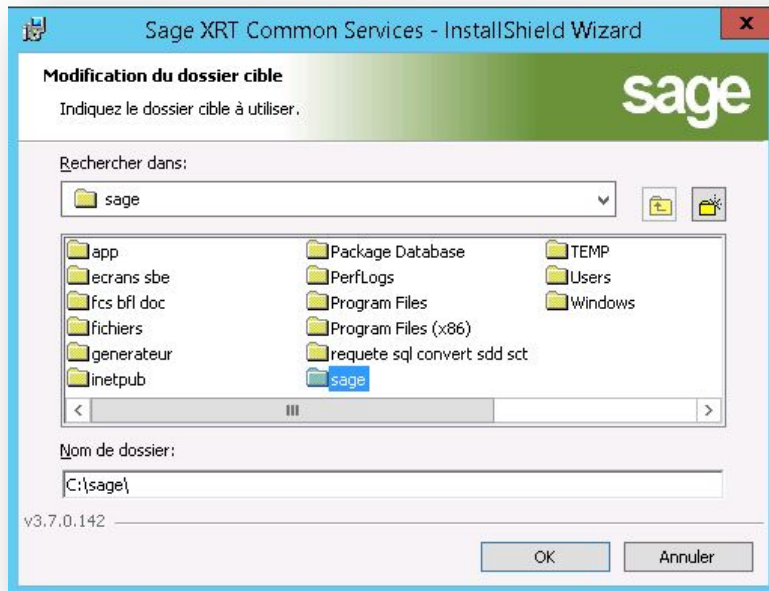
Enter your login name in the **User Name** field and the name of your company in the **Organization** field. Click **Next**.

4. In the **Destination folder** window, click **Modify** to change the installation folder.



The screenshot shows the 'Dossier cible' window of the Sage XRT Common Services - InstallShield Wizard. The window has a blue title bar and a green header with the Sage logo. The main area is white and contains a folder icon, the text 'Installer Sage XRT Common Services vers:', and the path 'C:\Program Files (x86)\Common Files\xrt\'. A 'Modifier...' button is located to the right of the path. At the bottom, there are three buttons: '< Précédent', 'Suivant >', and 'Annuler'. The version number 'v3.7.0.142' is displayed in the bottom left corner.

The **Destination Folder Modification** windows opens up. Enter the **Folder Name** and click **OK**.



Select **Next**.

5. The **Installation Type** screen is displayed.

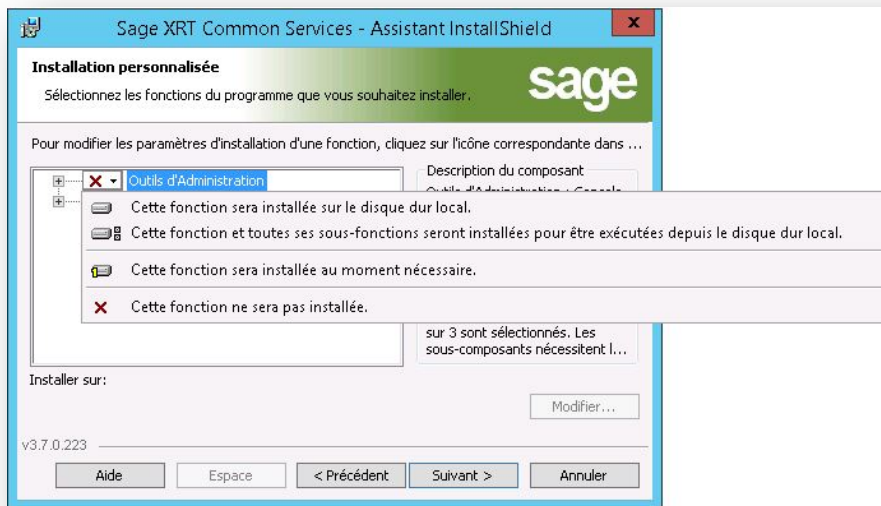


The following four types of installations are available:

- **Standalone Machine:** To install administrations tools and products on the same computer. This option installs everything except the **XCS** service, which is required for automatic bank imports.
- **Administration Machine:** to set a dedicated Administration computer. All components are installed.
- **Custom Setup:** to select the component(s) you want to install.
- **Client Machine:** to install the tools required by Sage applications in network configuration (with a computer dedicated to the administration of Sage applications). This does not include the Administration tools.

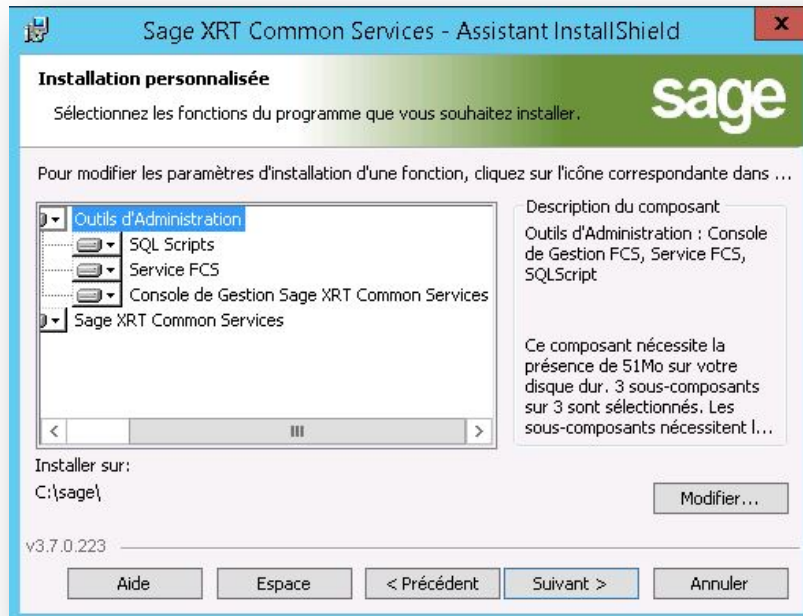
Select **Custom Setup** and click **Next**.

The **Installation Type** screen is displayed:



- Click the **Administration Tools** icon to scroll down the contextual menu of each component.
- Select **This feature, and all subfeatures, will be installed on local hard drive.**

- Click again the **Administration Tools** icon to display the three sub-menus: **SQL Scripts**, **FCS Service** and **Sage XRT Common Services Management Console**.



Click **Next**..

6. The **XDLO storage location** window is displayed.



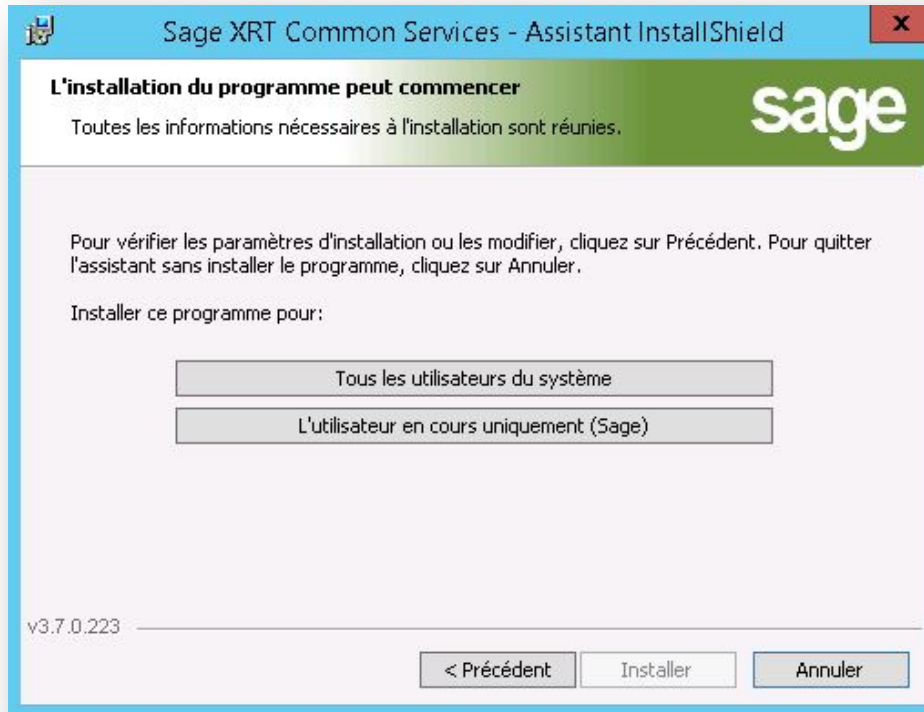
- In the **XDLO Location machine** field, enter the computer name on which the XDLO service will be executed and in the **XDLO Location port** field the port number corresponding to the machine:
 - For **standalone machine** installation, keep the **(local)** default value.
 - For multistation installations, the **XDLO** repository should reside in a dedicated administration station.



As with the database server, users must have access to the computer hosting the **XDLO** repository at any time.

- Click **Next**.

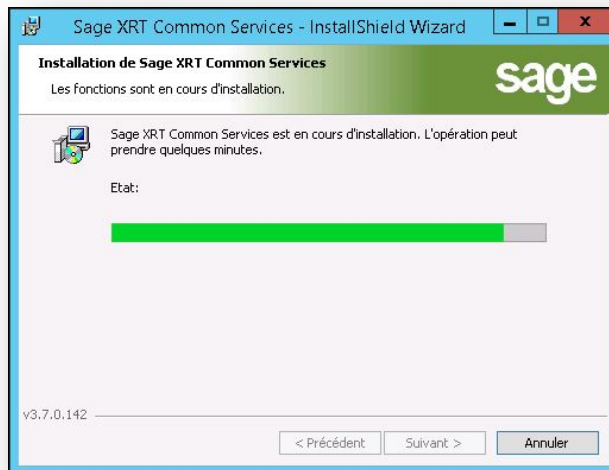
7. The **Ready to Install the Program** screen is displayed:



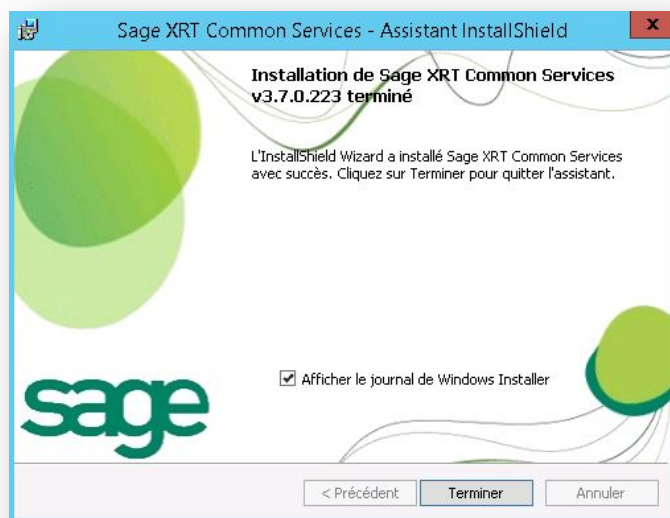
Select an accessibility option:

- The **Anyone who uses this computer (all users)** option is recommended for **Sage XRT Common Services**.
- The **Only for me (Sage)** option allows restricting access to **Sage XRT Common Services** to the user logged in when the product was installed.

And the installation of **Sage XRT Common Services** starts.



8. The window stating the end of the installation opens up: **Sage XRT Common Services v3.7.0.xxx installation completed successfully.**



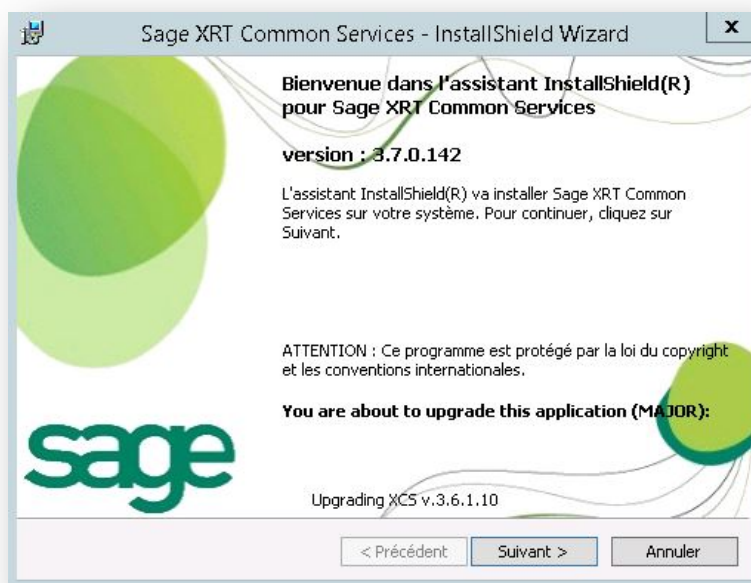
You can display **Windows Installer** log by selecting the corresponding option in the last window. The **Sage/Sage Administration.net** shortcut now appears in the program list of the **Start** menu.

Upgrade Installation

From version 3.7, the update process for the **Sage XRT Common Services** installation does not require any removal process.

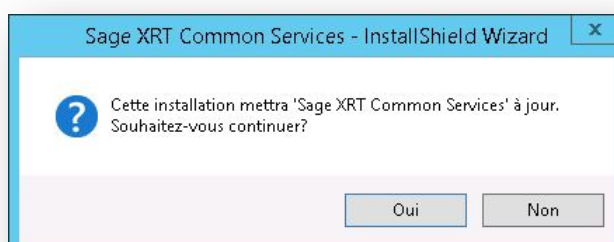
There are two possible scenarios:

- Updating a version 3.6 installation: in this case, the installation process is the same as for the first installation, except it includes the specifications of the existing versions and of the version to update.

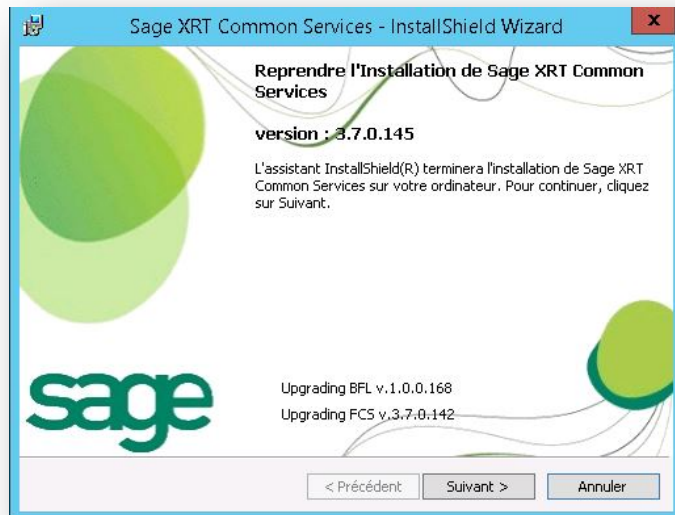


- Updating a version 3.7 installation: the installation process is different.

When the upgrading process starts, this message appears: **"This set up will perform an upgrade of 'Sage XRT Bank Format Library'. Do you want to continue?"**. Click Yes. Click **Yes**.



After this phase of preparation, the **Resume Installation for Sage XRT Common Services** window appears, specifying the existing versions and the version to update, click **Next**.



The upgrade is being installed. This may take several minutes.

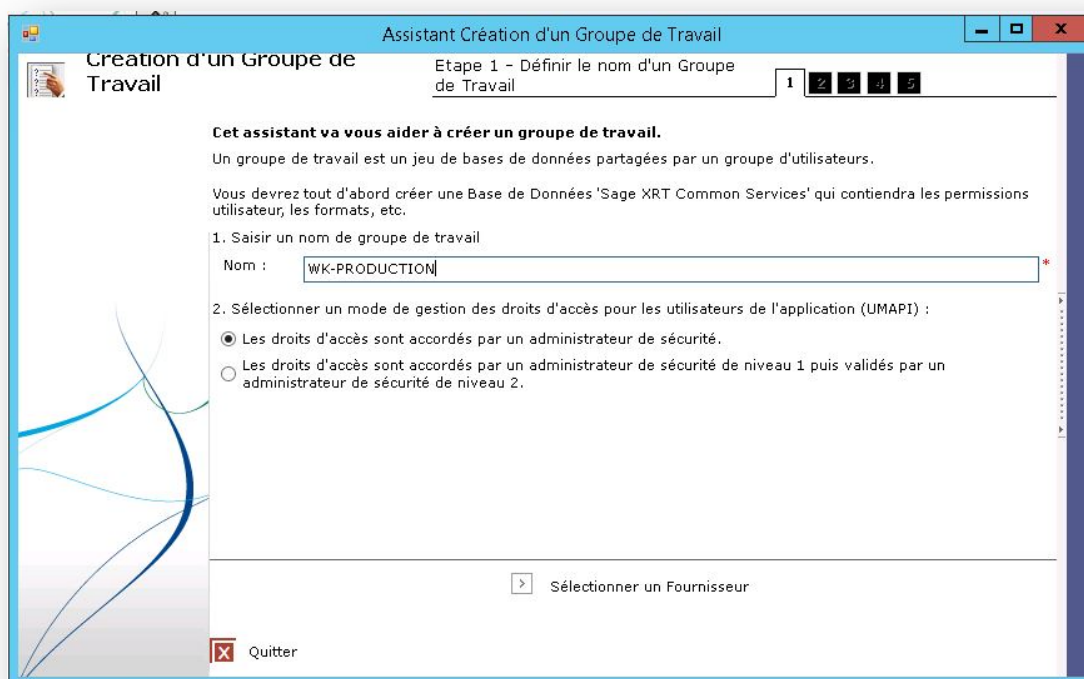


Usage

Creating (SQL Server) Workgroups before first use

Step 1: Define a Workgroup name

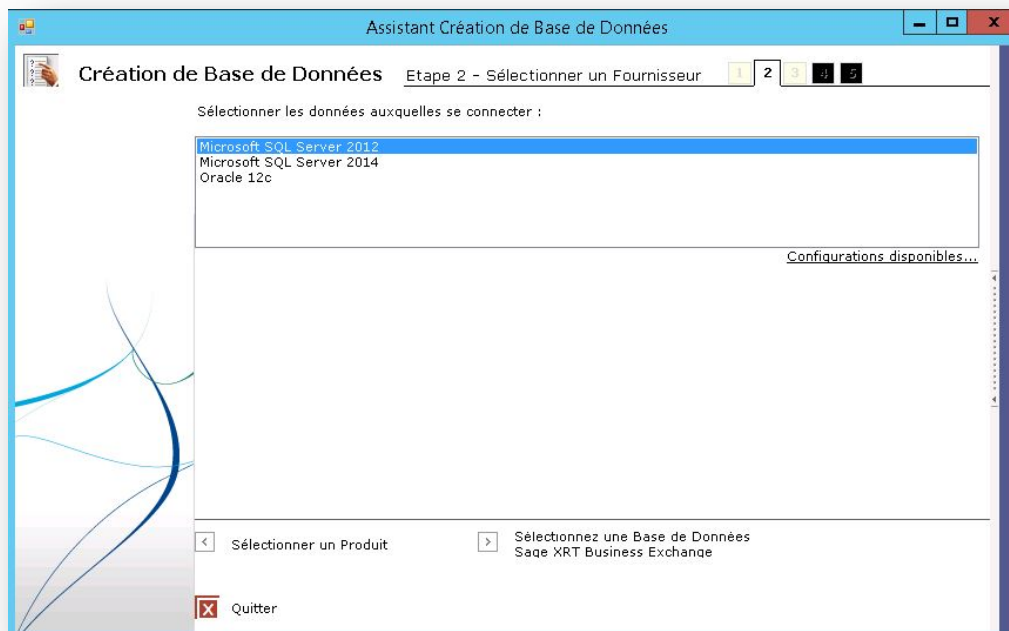
1. In the **Start** menu, select **Programs – Sage – Sage Administration – Administration Sage.NET** to launch the **Workgroup Creation** wizard.
2. Enter a name for the workgroup.



3. Select a right management mode for Sage applications from these two options:
 - Select **"Access permissions are granted by a security administrator"** if you want a simple access permissions management in which only one Security Administrator intervenes (default and most used mode).
 - Select **"Access permissions are granted by a level 1 security administrator and validated by a level 2 security administrator"** if you want an access permissions management in which every action taken by Security Administrator must be validated by a second one.

Step 2: Select a Provider

1. Select in the list the installed database server or client (here **Microsoft SQL Server 2012**).



Click **Available configurations...** to display the details of the database server and client which are installed on the computer, as well as the authorized operations (creation and update).

2. Click **Select Sage XRT Common Services Database**.

Step 3: Select a Database

Assistant Création d'un Groupe de Travail

Creation d'un Groupe de Travail

Etape 3 - Sélectionnez une Base de Données Sage XRT Common Services

Sélectionner les informations nécessaires à la connexion aux données SQL Server :

1. Sélectionner ou saisir un nom de serveur :

w2k8r2-sql12 * Rafraîchir

2. Saisir les crédits de l'administrateur du serveur :

☒ Utiliser la sécurité intégrée de Windows NT
☐ Utiliser un nom d'utilisateur et un mot de passe spécifiques :

Nom Utilisateur :
 Mot de Passe : ☐ Pas de Mot de Passe

3. Sélectionner ou créer une base de données sur le serveur :

☐ Sélectionner la base de données ☒ Use ODBC ☒ Availability Group
☒ Créer la base de données :

Nom : *
 DBO : * Mot de Passe : *
 Utilisateur : * Mot de Passe : *
 Collation string : ☒ Database Contained

< Sélectionner un Fournisseur > Produits

Quitter Tester la connexion DBA

1. Enter the name of the server where you want to create the database. The available characters to name the server are: "(local)", "(LOCAL)", ".", "server name".
2. According to the authentication type used by the DBA to connect to the database server, you can select:
 - **Use Windows NT integrated security** to authenticate the DBA through its NT account.
 - **Use a Specific Username and Password** to authenticate the DBA with his/her credentials.

Click **Test DBA connection** to check DBA credentials.

3. Select one of the two options:
 - Select the database if you want to work on an existing database.

Select the database (the database list is refreshed upon first display).

Enter the password corresponding to the DBO and XRTUSERS names displayed in the **DBO** and **User** fields.

The default password is **password#2005** (when the user selects a database from the list, the wizard searches automatically for the name of its owner; the wizard uses the DBA account to perform this operation).

- **Create the database** if you want a new database.

Enter the database Name: the wizard checks whether this name is already used for another database, when the user clicks **Create/Modify models**.

For the **DBO** and **Users** fields corresponding to the **XRTDBO** and **XRTUSERS** accounts, leave the default passwords: **password#2005**.

From *SQL Server 2012*, you can select the option of databases contained, which enables the isolation of the database from the rest of *SQL Server*. **DBO** and **User** connections are declared as local with regard to the database and not with the instance. Which makes easier the *portability* of databases. Note that these Databases Contained are poorly manageable. The option of databases contained is dimmed if it has not been already activated in *SQL Server 2012* engine.

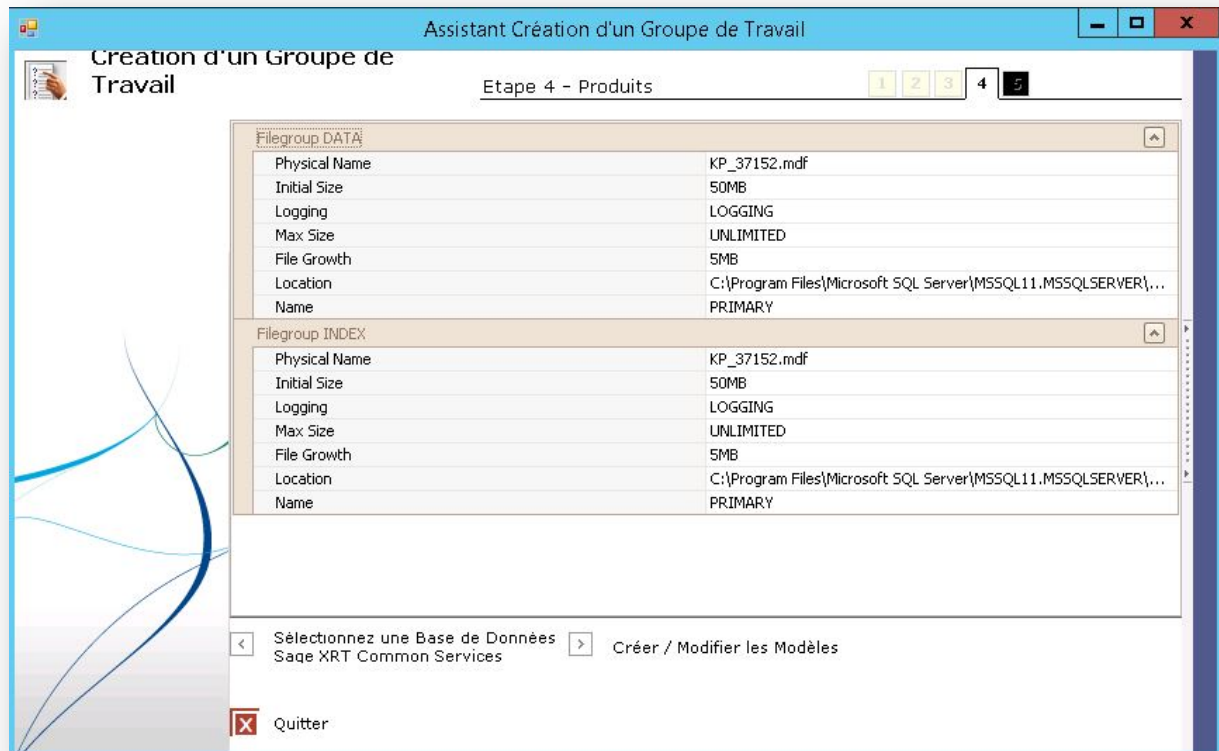
From *SQL Server 2012*, *Microsoft* is giving up source connections using *SQL Server Native Client* driver and resumes the use of *Microsoft OLE DB Provider for ODBC drivers*. Select **Use ODBC and/or Available Groups** if you want to use the ODBC layer, otherwise, the source connections use the *SQL Server Native Client* driver (by default).

Select the **Collation String** or keep the default one: **French_CI_AS** (no distinction between uppercase and lowercase).

4. Click **Products** to display the next Step.

Step 4: Products

In the default scenario, the **Filegroup DATA** tables and the indexes of the **Filegroup INDEX** model are created in the **PRIMARY** filegroup.



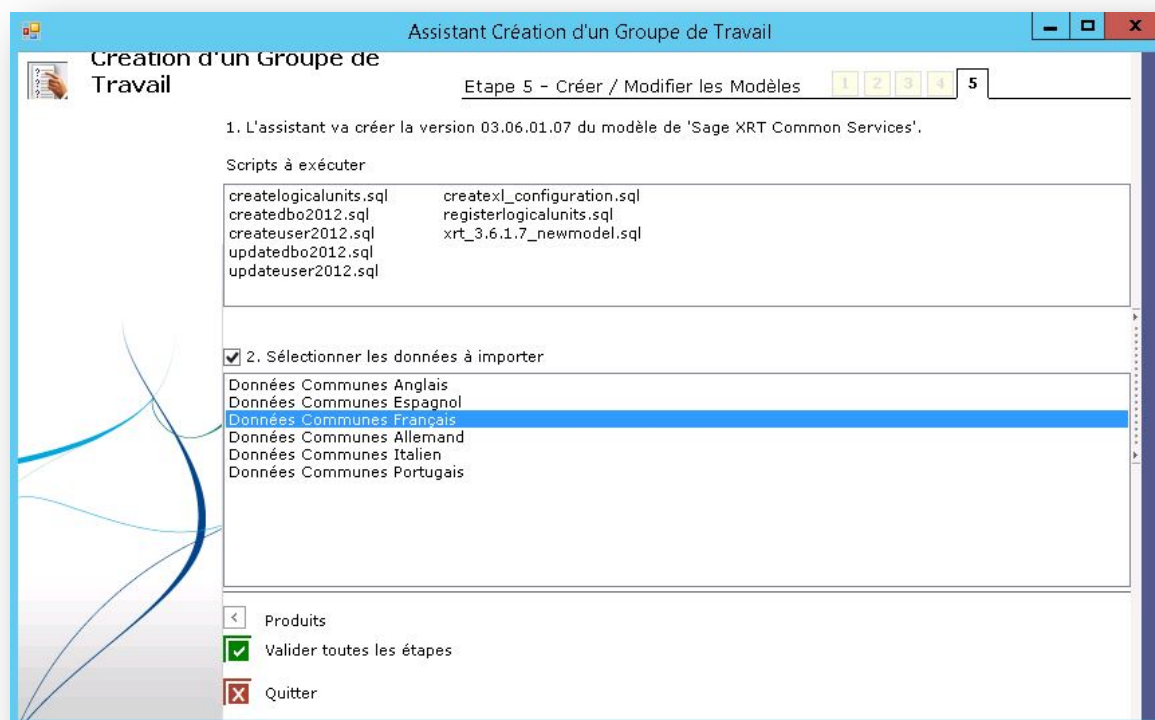
This properties pane enables to:

- Either modify the proposed scenario and install indexes in 2 distinct Filegroups (eg.: **XCS_DATA** and **XCS_INDEX**).
- Or modify the filegroup creation settings (storage directory, initial size, maximum size, file growth). The storage directory must already exist if you want the creation process to work properly.

Click **Create/Update Models** to display the next Step.

Step 5: Create/Update Models

The Scripts to be executed list includes all the scripts to be executed to create **Sage XRT Common Services** model.

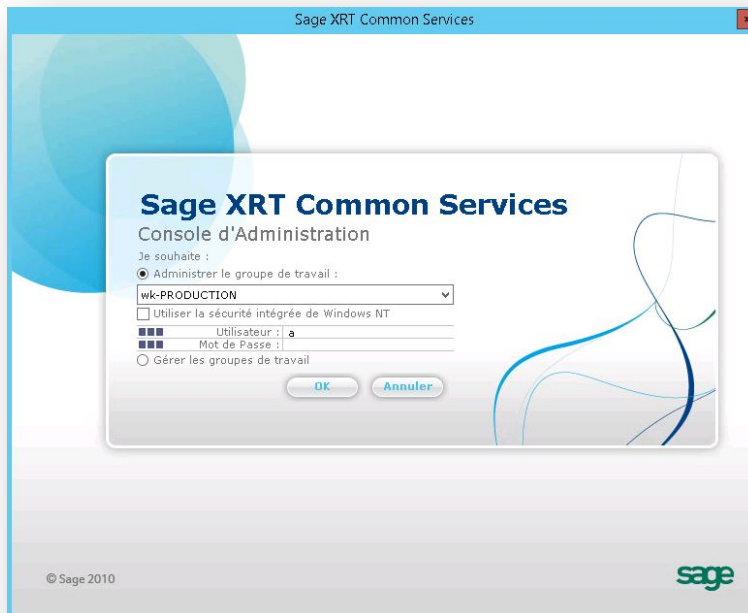


1. Select the **Select Data to Import** option (mandatory for **Sage XRT Common Services**), select the **XML** data language for APIFMT, TRANSCO and UMAPI.
2. Click **Validate all steps** to execute all the operations set up in the Workgroup Creation wizard.
3. This may take several minutes. Once all the operations are completed successfully, the FCS model is created.
4. Click **Exit**, then launch the **Administration Console** or continue with the creation of a **Product** model.

Using the Application for the first time

Welcome Screen

When launching the **Administration Console** for the first time, use the **a** user name without password to open the Console.



For the Administration Console, two operating modes are available:

- **Administrate the workgroup**

This mode provides the following services:

- Administration of Application Access Rights for the selected workgroup users
- Administration of Formats for the selected workgroup
- Administration of Transcoding Tables for the selected workgroup

This mode grants access to UMAPI User Management. You must identify using an NT User Account from the workgroup or an Application Account (here **a**).

NT Authentication also consists in 2 modes:

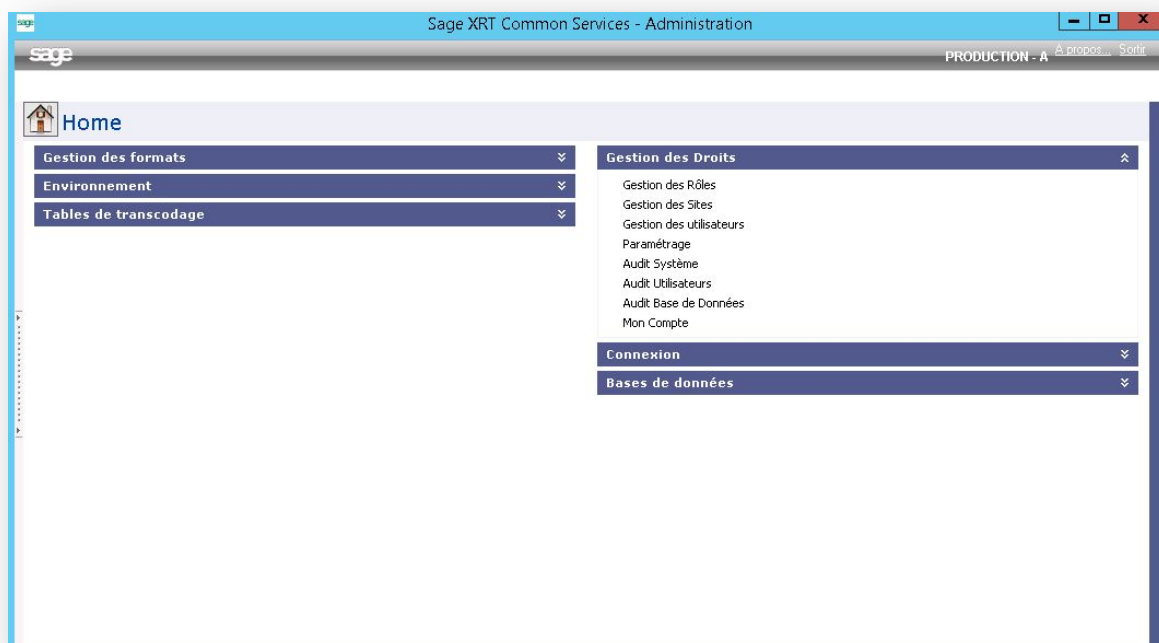
- **Trusted Authentication:** entering the password is not necessary.
- **Strong authentication:** the user needs to enter his/her password to enter the **Administration Console**. This operating mode secures the access to an application available on a station which has not been locked.

▪ Manage Workgroups

This operating mode is designed for the System Administrators who manage Workgroups. This mode provides the following services:

- Creating/Deleting Workgroups
- Adding Users to Workgroups
- Deleting Users from Workgroups
- Modifying Settings for the connection string
- Updating Workgroup Databases

Managing Roles



1. Select the **Manage Roles** menu and the **Create Role** action.
Roles group users with the same rights. Rights define users' access to product functions.
2. Enter **admin** as a code to identify the role (no space).

Créer un Rôle

Code: admin*

Type de Rôle:

- ☐ Groupe NT
- ☐ Groupe LDAP
- ☒ Rôle Générique

Description:

Utilisateurs associés:

- ☐ A
- ☐ B

OK Annuler

3. Fill in the **Description** field if necessary.
4. Select the **Generic Role** default option.



In order to provide the best integration of *Sage* applications within companies infrastructures, it is possible to rely on NT or LDAP-type groups.

The creation of an LDAP group is linked to the configuration of the access of the company directory.

ADMIN role is now created:

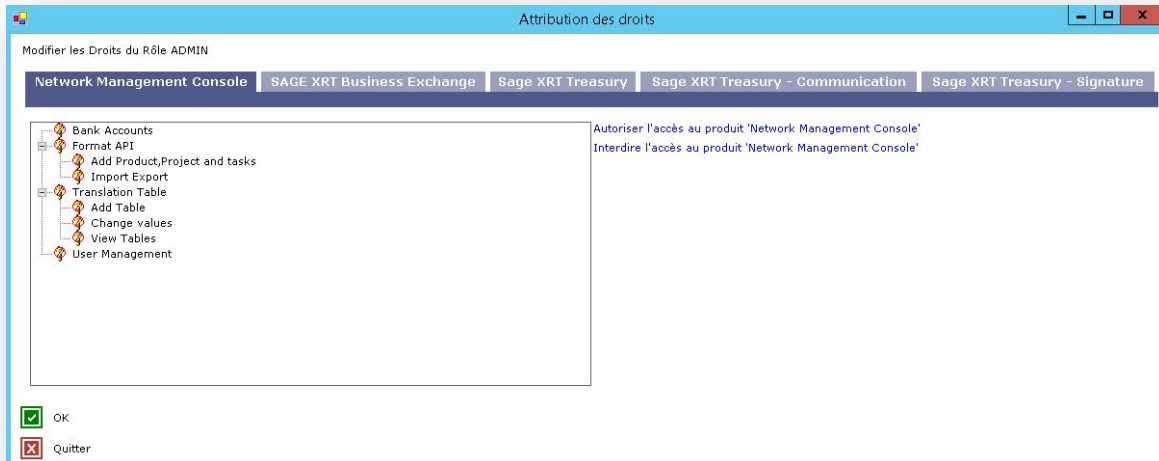


Managing Role's Rights

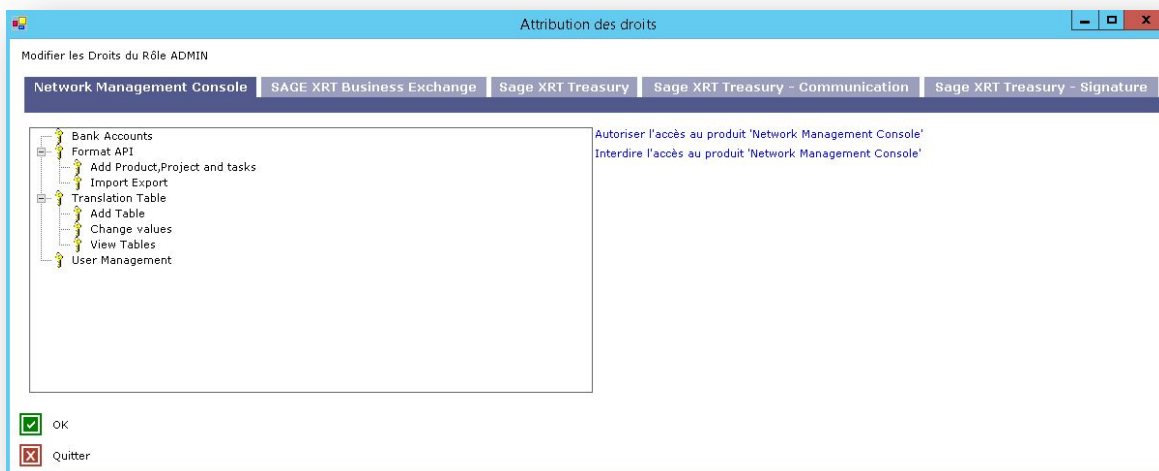


1. Select **Manage Role's Rights** to set up rights for the Role.

The **Grant Rights** page is displayed. It enables the management of access rights to the various Sage products installed on your server.

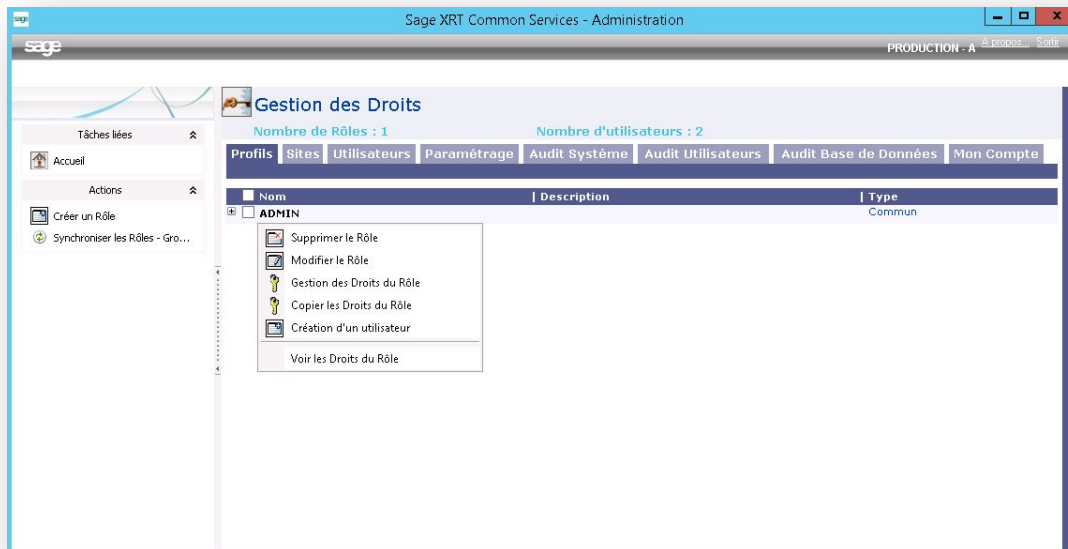


2. Select **Authorize Access to 'Network Management Console' Product** to grant all rights to the **Administration Console**.



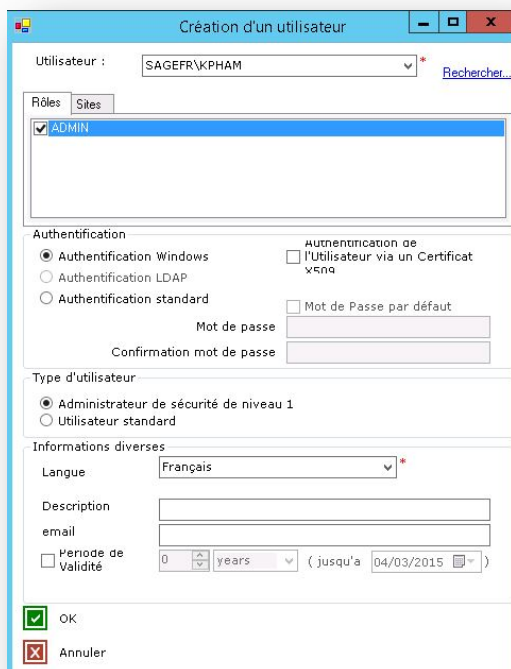
3. Depending on the needs, define the rights in **Sage XRT Business Exchange** and **Sage XRT Treasury**, **Sage XRT Treasury – Communication** and **Sage XRT Treasury - Signature**.

Creating Users



1. Select the **Create a user** menu.

The following window is displayed:



2. Select the authentication mode and enter the user name.

- The **Windows Authentication** mode offers two addition methods for NT users:

Adding a user by selecting a person from the list in the dialog box relies on the workgroup management. This mode implies the previous definition of the database access for each user.

It is also possible to add a person by searching a user through the company directory. In that case, the user gains access to the **XRTUsers**-type database.

- **Authentication via X509 Certificate:** if strong authentication is required for SBE.
- **LDAP authentication:** use the **Search...** link to select users within the directory set up in the LDAP authentication configuration.
- **Standard authentication:** enter a unique identifier for the user.

3. Choose the type of user to be created.

- **Level-1 security administrator:** he/she administrates access permissions of the workgroup's users.
- **Standard user:** user with no authorization.

4. Fill in the **Miscellaneous** group box, then click **OK** and **Cancel** to close the dialog box and go back to the Roles treeview.