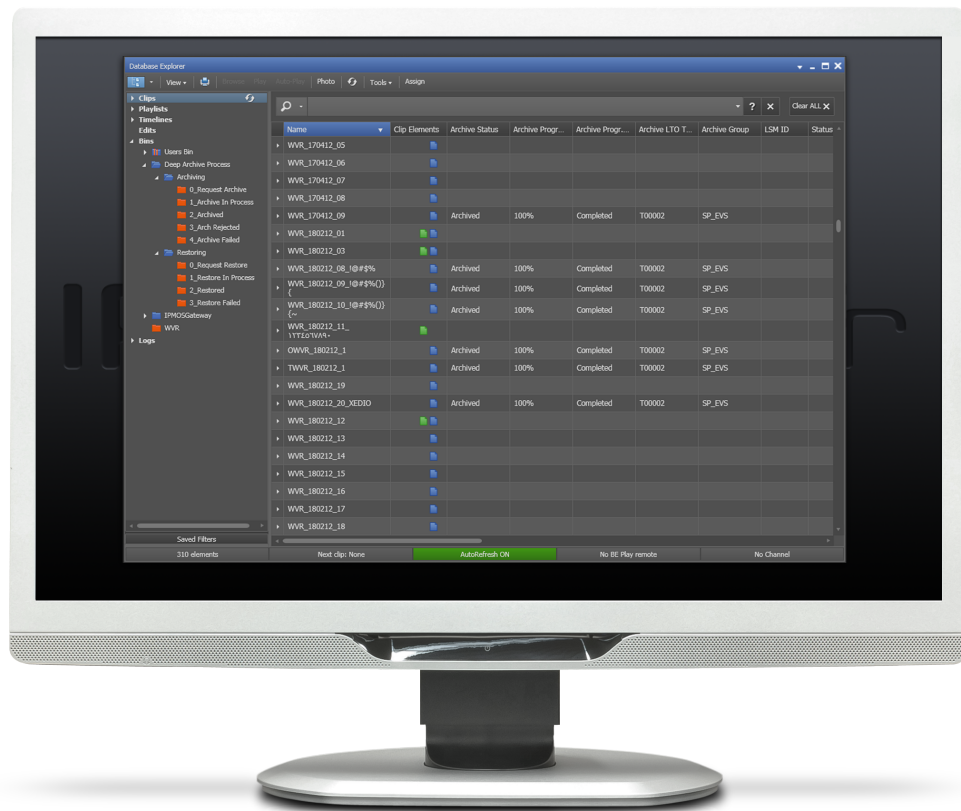


CONFIGURATION MANUAL

LICENSE CONTROLLER

Version 1.0 - June 2014



IP2 Archive



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Improvement Requests

Your comments will help us improve the quality of the user documentation. Do not hesitate to send improvement requests, or report any error or inaccuracy on this user manual by e-mail to doc@evs.com.

Regional Contacts

The address and phone number of the EVS headquarters are usually mentioned in the Help > About menu in the user interface.

You will find the full list of addresses and phone numbers of local offices either at the end of this user manual (for manuals on hardware products) or at the following page on the EVS website: <http://www.evs.com/contacts>.

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1. About the Application

License Controller is an automatic application that checks the status of the IP2Archive licenses in the XSecure database and synchronizes this information with the IP2Archive database.

2. Starting the Application

2.1. After Installation

Double-click the License Controller icon to start the application. You can also start the application by double-clicking the executable file (.exe) in the installation folder. The splash screen appears. The splash screen appears followed by an Oracle Login dialog box.



The application logs into the database. Then, the Settings window appears allowing you to configure the application.

See section "Configuring the Application" on page "8".

2.2. After Configuration

Double-click the License Controller icon to start the application. You can also start the application by double-clicking the executable file (.exe) in the installation folder.

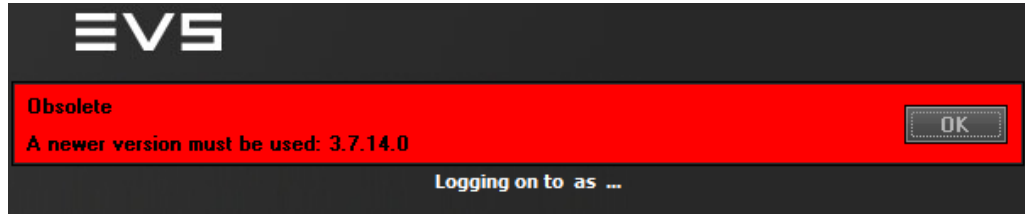
The splash screen appears. The application logs into the database.

2.3. Version Check

Introduction

NEW !

The version of the application will be checked when the application logs into the IP2Archive database at startup. The status of the version that is returned is displayed on the application splash screen.



Version Statuses

The following version and license statuses can be returned:

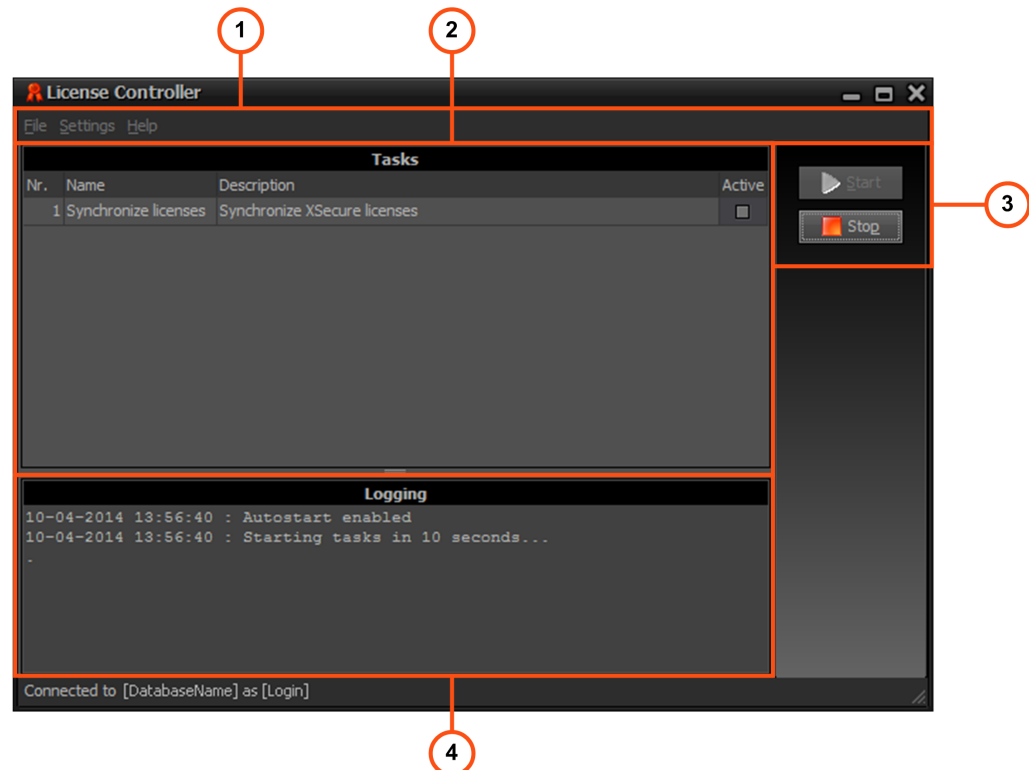
Status	Description	Color	Action Required
Current	The actual version of the application.	no color	No action required. The application starts automatically.
Outdated	A newer version of the application exists, but this version can still be used. The application version that should be installed is displayed.	red	Click OK to start the application at once. By default, the application starts automatically after 10 seconds.
Obsolete	A newer version of the application exists and must be used. This version may not be used anymore. The application version that should be installed is displayed.	red	Click OK to continue. The application shuts down.

Status	Description	Color	Action Required
Undefined	The version of the application is not defined in the MAD database.	black	Click OK to continue. The application shuts down.
Beta	A test version.	blue	Click OK to start the application. By default, the application starts automatically after 10 seconds.

2.4. Main Window Overview

General Description

The main window displays the active and non-active tasks of the application. It allows you to monitor the tasks that are being performed. It also allows you to manually start and stop the application or a particular task.



Area Description

The table below describes the various parts of the main window:

Part	Name	Description
1.	Menu bar	The menu bar contains three menus: File , Settings and Help .

Part	Name	Description
2.	Tasks pane	The Tasks pane contains the name and a brief description of the tasks performed by the application. Only the tasks that were activated by you in the System settings will be performed at start-up. If you want to manually run certain tasks for test purposes, you have to stop the application, select the corresponding check box in the Active column, and then click the Start button. This button only becomes available after you have clicked the Stop button.
3.	Start/Stop buttons	These buttons are used to manually start and stop the application.
4.	Log pane	The Log pane lists application events (= logs) and can be useful. The date and time of each event is displayed. These logs are also saved in the log files.

Menu Bar

File Menu

The **File** menu contains only one command: **Exit**. It is used to exit the application. Click the **File** menu or use the keyboard shortcut keys **ALT + F** or **F10 + F** to open it. Click **Exit** or use the keyboard shortcut key **X** to exit the application.

Settings Menu

The **Settings** menu does not contain any commands. It immediately gives access to the application settings. Click the **Settings** menu or use the keyboard shortcut keys **ALT + S** or **F10 + S** to access the settings.

Help Menu

The **Help** menu contains only one command: **About**. Click the **Help** menu or use the keyboard shortcut keys **ALT + H** or **F10 + H** to open it.

NEW !

With the **About** command the application about box can be opened. The about box displays the application software version, the date until which the application license is valid, the name and version of the database the application is logged on to and the login name used.

Click **About** or use the keyboard shortcut key **A** to open the about box.



2.5. Overview Tasks

The table below gives a brief description of the tasks performed by License Controller.

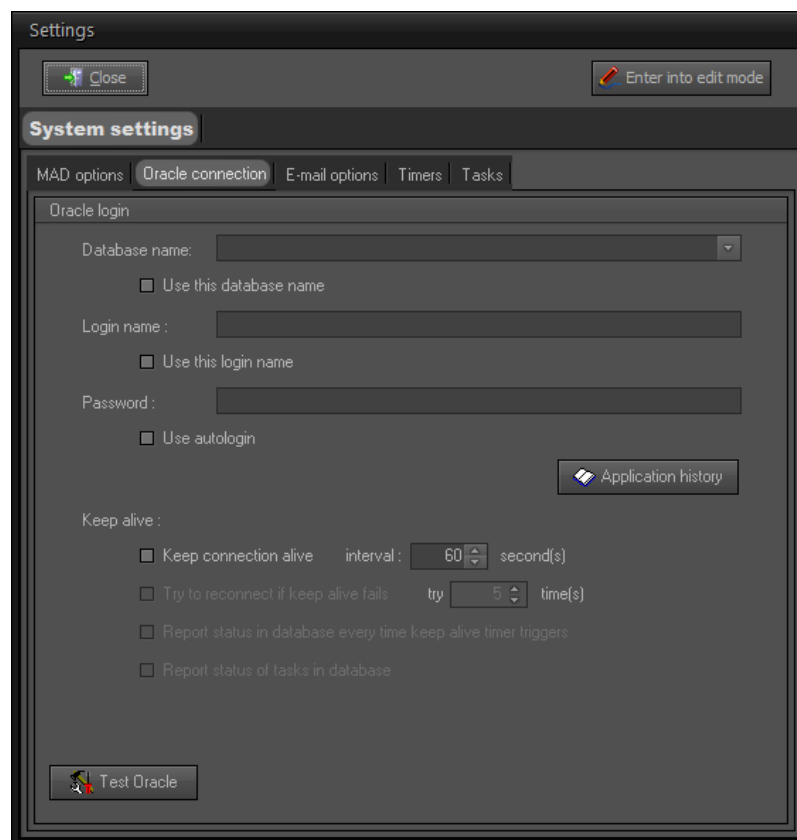
Number	Task	Description
1	Synchronize licenses	License Controller checks the status of the IP2Archive licenses in the XSecure database and synchronizes this information with the IP2Archive database.

3. Configuring the Application

3.1. Settings Window

Opening the Settings Window

The Settings window allows you to configure your application. The first time the application is launched after it has been installed, the Settings window opens automatically.

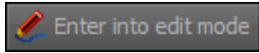


The Settings window can also be accessed through the **Settings** menu in the main window. To make this menu available, click the **Stop** button. The application will stop performing its tasks.

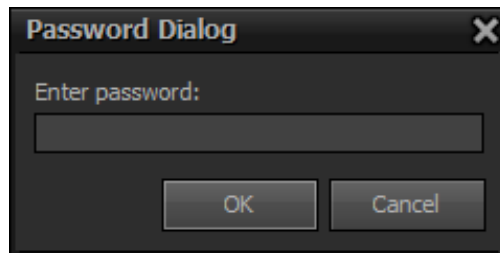
Edit Mode

To be able to edit the Global and/or System settings, you first have to enter a password.

To put the Settings window into Edit Mode, proceed as follows:

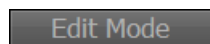
1. Click the **Enter Into Edit Mode** button .

A dialog box appears.



2. Enter the administrator password and then click **OK**.

The Settings window enters into Edit Mode.



3.2. System Settings

3.2.1. Overview System Settings Subcategories

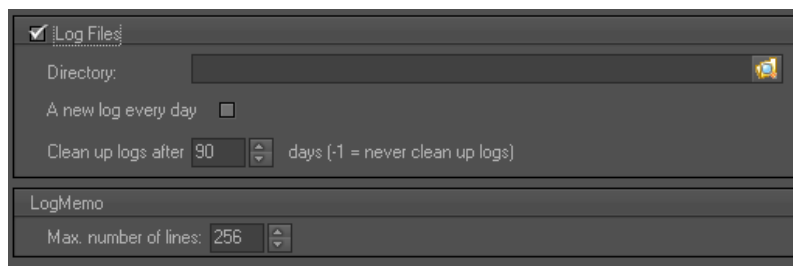
The System settings are divided into the following subcategories:

- MAD Options
- Oracle Connection
- E-Mail Options
- Timers
- Tasks

For each subcategory a tab is provided.

3.2.2. MAD Options Tab

The MAD Options tab allows you to configure the log file management.

The screenshot shows a configuration window for the MAD Options tab. It features a 'Log Files' section with a checked checkbox, a 'Directory' text field with a browse button, an unchecked 'A new log every day' checkbox, and a 'Clean up logs after' spinner set to 90 days. Below this is a 'LogMemo' section with a 'Max. number of lines' spinner set to 256.

Configuring the Log File Management

To be able to configure the log file management, you have to select the **Log Files** check box.

In the **Directory** field you can enter the path of the log storage directory or you can browse for it by clicking . By default, the logs will be saved in the directory: C:\EVSLogs\MAD\[Application name].

If the **A New Log Every Day** check box is selected, a new log file is started every day. By default, this option is not selected.

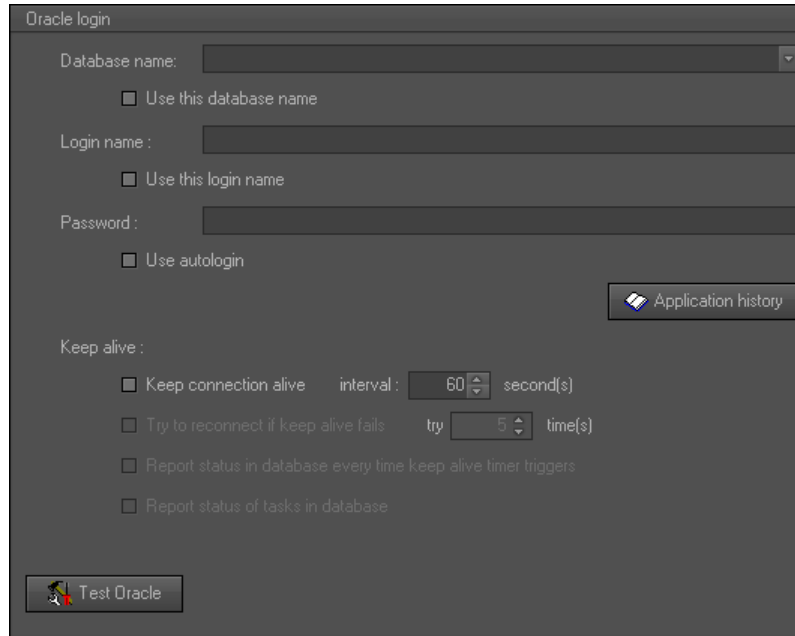
You can also specify a time interval (in days) after which the logs should be removed from the log storage directory. If you enter '-1', the logs are never removed from the storage directory. By default, the logs are cleaned up after 90 days.

Configuring the LogMemo Size

In the LogMemo group box you can specify the maximum number of lines retained by the Log pane. By default, the Log pane displays 256 lines.

3.2.3. Oracle Connection Tab

The Oracle Connection tab allows you to configure the connection with the Oracle database.



The screenshot shows the 'Oracle login' dialog box. It contains the following fields and options:

- Database name:** A text input field with a dropdown arrow.
- ☐ Use this database name
- Login name :** A text input field.
- ☐ Use this login name
- Password :** A text input field.
- ☐ Use autologin
- Application history:** A button with a document icon.
- Keep alive :**
 - ☐ Keep connection alive interval : 60 second(s)
 - ☐ Try to reconnect if keep alive fails try 5 time(s)
 - ☐ Report status in database every time keep alive timer triggers
 - ☐ Report status of tasks in database
- Test Oracle:** A button with a test icon.

Entering the Database Name

In this field you have to enter the name of the database the application has to connect to.

If the **Use This Database Name** check box is selected, the name of the database will automatically appear in the Oracle login dialog box at start-up.

Entering the Login Name

In this field you have to enter a login name. If the **Use This Login Name** check box is selected, the login name will automatically appear in the Oracle login dialog box at start-up.

Entering a Password

In this field you have to enter a password. If the **Use Auto Login** check box is selected, the application automatically logs into the selected database at start-up. The Oracle login dialog box does not appear.

Checking Application History

By clicking the **Application History** button, you can open a chronological list of all software versions of the application. To get more details about each version (creation date, name of programmer, status, additional remarks), you have to click **+** next to the version number.

Activating Keep Alive

If the option **Keep Connection Alive** is selected, a message is sent to the database at regular time intervals to avoid idle connections from being closed by the firewall. These intervals can be set by you.

If the option **Try to Reconnect if Keep Alive Fails** is selected, the application will try a number of times to reconnect with the database.

If the option **Report Status in Database Everytime Keep Alive Timer Triggers** is selected, the status of the connection is reported in the database each time the Keep Alive Timer sends a trigger to send a Keep Connection Alive message.

If the option **Report Status of Tasks** is selected, the status of the tasks (ok or not ok) is reported to the database.

Testing the Oracle Connection

The **Test Oracle** button allows you to check the validity of the database name, login and username you entered.

If these data are valid, then the following message appears next to the **Test Oracle** button: 'OK'.

If the login name or password is invalid, then a message box appears with the following message: 'ORA-01017: invalid username/password; logon denied'.

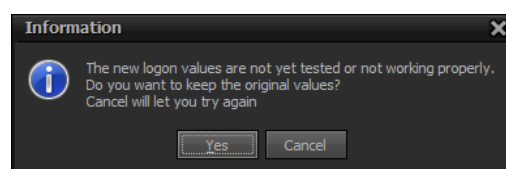
If the database name is invalid, then a message box appears with the following message: 'ORA-12154:TNS: could not resolve the connect identifier specified'.

If you omit the password, then a message box appears with the following message: 'ORA-01005: null password given; logon denied'.

If you do not enter a database name, login and username, then a message box appears with the following message: 'ORA-12560: TNS: protocol adapter error'.

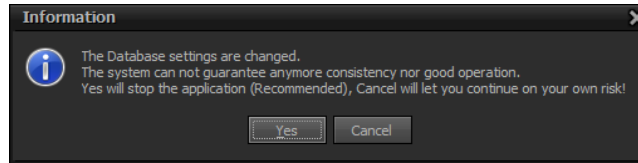
You can also check the software version of the application by clicking the **Test Oracle** button. If the software version is up-to-date, then the following message appears: 'Current– The Current Version'. If the software version is outdated, then the following message appears: 'Unknown Version Application! Please contact the EDP department.'

If you close the Settings window without testing the validity of the database name, login and username you just entered, then a message box appears.



If you click **Yes**, then the Settings window is closed and the original values are restored. If you click **Cancel**, then the Settings window does not close and you can test the values by clicking the **Test Oracle** button.

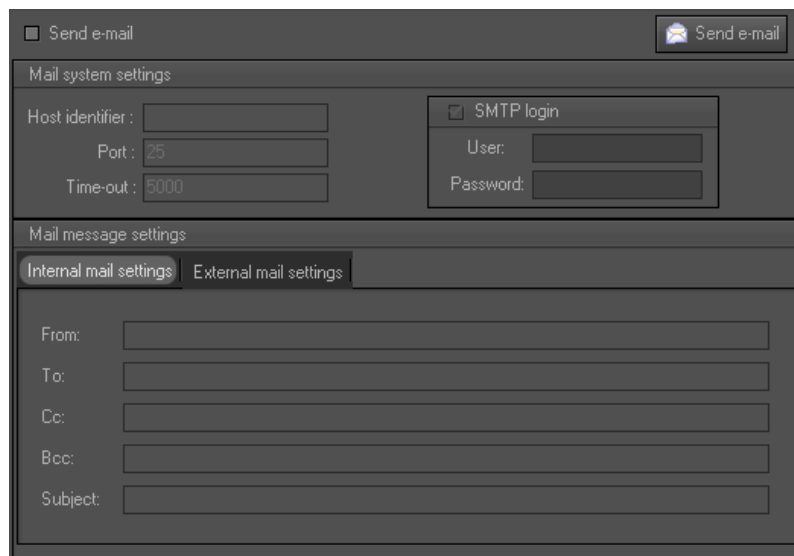
If you change the current database settings, test the connection and then close the Settings window, a message box will appear.



If you click **Yes**, the application is stopped and closed. A manual restart will be required. Click **Cancel** to continue.

3.2.4. E-Mail Options Tab

In case the application is capable of sending e-mail messages, the E-Mail Options tab will allow you to configure an e-mail account, enter the e-mail address of the default sender and recipients, and enter a default e-mail subject. If the application is not capable of sending e-mail messages, the settings in this tab cannot be used.



The "E-Mail Options Tab" configuration window includes a "Send e-mail" checkbox at the top left and a "Send e-mail" button at the top right. Below these are two main sections: "Mail system settings" and "Mail message settings".

Mail system settings:

- Host identifier: [text box]
- Port: 25 [text box]
- Time-out: 5000 [text box]
- ☐ SMTP login
- User: [text box]
- Password: [text box]

Mail message settings:

Internal mail settings | External mail settings

From: [text box]
 To: [text box]
 Cc: [text box]
 Bcc: [text box]
 Subject: [text box]

To be able to configure the e-mail account, you have to select the **Send E-Mail** check box. The fields in the Mail System Settings and Mail Message Settings group box become available.

Configuring an E-Mail Account

In the Mail System Settings group box you have to enter the IP address and port number of the SMTP server and specify a timeout. In the SMTP Login group box you can enter a user name and password.

Configuring a Default E-Mail Message

The Mail Message Settings group box contains two tabs: Internal Mail Settings and External Mail Settings.

The Internal Mail Settings tab can be used to configure a default e-mail message that will be sent to the EVS developers and the customer when an error occurs.

The External Mail Settings tab can be used to configure a default e-mail message that will be sent to the customer to notify him about an error. In each tab you have to enter the sender's email address, the email address of the various recipients and a subject. It should be noted that this tab is not always used.

When you insert multiple e-mail addresses in any of the header fields, make sure you separate them by a comma.

To test the settings and manually send an e-mail message, click the **Send Mail** button.

For the new settings to take effect, close and restart the application. Check the TOM.ini file in the installation folder of the application for the e-mail addresses and subject entered here.

```
[General]
TemporaryFiles.Text=edtTemporaryFilesDir
EmailWanted.Checked=0
Port.Text=25
HostID.Text=
Timeout.Text=5000
SMTPLogin.Checked=1
MailUser.Text=
MailPasswd.Text=y1cwaD8b51hdk17uHq8knw==
MailPasswdUnicode.Text=79CJGqDro/FCD6AsFhtZkw==
MailFrom.Text=
MailTo.Text=
MailCC.Text=
MailBcc.Text=
MailSubject.Text=
ExternMailFrom.Text=
ExternMailTo.Text=
ExternMailCC.Text=
ExternMailBcc.Text=
ExternMailSubject.Text=
cbSaveScreenDumpUnhandledErrors.Checked=1
cbSaveUnforcedErrors.Checked=1
cbSaveScreenDumhandledErrors.Checked=1
cbAutomaticLogin.Checked=0
cbUseknownDatabase.Checked=0
cbUseThisLogin.Checked=0
chkKeepConnectionAlive.Checked=0
chkTryToReconnect.Checked=0
```

3.2.5. Timers Tab

The Timers tab allows you to set time intervals for some automated tasks.

Auto start	
Time before auto start (sec):	10
Perform tasks	
Time between tasks (sec):	30

Configuring Auto-Start

In the Auto Start group box you can specify the time interval after which the application automatically starts performing its tasks. By default, this is set to 10 seconds.

Setting a Time Interval Between Tasks

In the Perform Tasks group box you can specify the length of the time interval (in seconds) between two subsequent tasks. By default, this is set to 30 seconds.

3.2.6. Tasks Tab

The Tasks tab gives an overview of the active tasks.

Select the tasks that should be executed by default				
Number	Name	Description	Active by de	Active
1	Synchronize licenses	Synchronize XSecure licenses	☐	☐

In the **Active by Default** column you can activate the tasks that must be performed by default at start-up by selecting the corresponding check box. The **Active** column displays the tasks that are currently selected in the main window.

The Synchronize Licenses task should be activated

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