



APS Key.ReaderService

Web Module for APS Administrator with APS Key system

Data synchronization between the DB and APS Key.Reader program

Installation and User's Guide



techfass

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2 Product description

The *APS Key.ReaderService* is a web service, which is used for data synchronization between the *APS Key.Reader* program and the *APS Administrator* database.

The minimal required *APS Administrator* database version is 60.

2.1 License terms and conditions

No special licenses are required for running this web service.

3 Installation of the application, supporting functions and services

The manual for installation of the application and the web server is located in a separate document [Step by step manual for webserver installation](#), which is available on the *Techfass* portal.

4 Basic settings

For running the application, it is necessary to set the *ConnectionString* in the *Web.config* file correctly. The file is located in *aps.key.readerservice* folder. Open the configuration file and change the following record:

```
<add name = "APSCConnectionString" connectionString = "server = (LOCAL); Database = APS400nAdministrator; Trusted_connection = false; User Id = sa; Password = Password;" providerName = "System.Data.SqlClient" />
```

You have to change the setting due to the type of *SQL server* installation. If the installation was made according to the [Step by step manual for SQL server installation](#) then it is sufficient to change the value of the *Password* attribute to the actual password for the *sa* (system administrator) account, which was set during the SQL Server installation. Mentioned facts are only valid, if you run the database server on the same computer as the web application.

If the SQL Server was installed in another fashion than recommended, set the connection string due to the actual server setting.

Do not forget that in the default SQL Server Express Edition installation the Named Instance is installed. In that case you need to set a value in format **COMPUTER_NAME\INSTANCE_NAME** for the **Server** attribute. The **COMPUTER_NAME** is the computer which runs the SQL server and the **INSTANCE_NAME** is the name of the instance, which is **SQLEXPRESS** by default.

5 Testing the application

The Web App begins to run when the HTTP server receives a properly formulated request from a client (in this case his web browser). Run a web browser at the server and enter a request in the **Address** line in following format:

```
http://COMPUTER_NAME/aps.key.readerservice/Default.aspx
```

COMPUTER_NAME is Windows name of your computer or IP address of the computer.

Used address is valid only if a standard installation on default port (80) is used and the application is located in the **aps.key.readerservice** folder.

If everything is configured correctly, a page with login form will appear. In the other case a page with an error message will appear and it is necessary to change the configuration.

The most frequent mistakes are:

- Incorrect **SQL server** name
- Incorrect password for the **sa** account in the ConnectionString configuration

6 Link to the service

The data synchronization between the **APS Key.Reader** program and the **APS Administrator** database is secured by a WCF service, which is available at:

```
http://COMPUTER_NAME/aps.key.readerservice/APSKeyReaderService.svc
```

The link to the service is also available at the initial webpage mentioned in the previous chapter. The address of the service is one of the primary parameters of the **APS Key.Reader** program setting.