

ČSOB Business Connector

Installation Guide



Contents

1	Introduction	3
2	Installing the ČSOB Business Connector application	3
3	Obtaining a communication certificate.....	4
3.1	Creating a Business Connector certificate request	4
3.2	Generating a certificate	5
3.3	Uploading the certificate to the Business Connector application.....	6
4	Setting up the service.....	7
4.1	Setting up the service on the ČSOB CEB portal	7
4.2	Setting up the application	10
4.2.1	Certificates	10
4.2.2	Installation owner's identification number	11
4.2.3	Automatic download.....	12
4.2.4	Automatic upload	12
4.2.5	Setting up the application	13
4.3	Application management	14
4.3.1	Settings	14
4.3.2	Manual download	15
4.3.3	Manual upload.....	15
4.3.4	Download history	15
4.4	Installing the application to Windows Server 2012 R2	15

1 Introduction

This Installation Guide contains information for ČSOB CEB Service clients on how to automatically exchange data with ČSOB (statements, advices, exchange rates, batch payment orders) through the ČSOB Business Connector application without having to log in to the service.

In order for automatic download to work, please follow the instructions below:

1. Install the ČSOB Business Connector application (only Czech version available) or prepare your own technical solution that can communicate with the ČSOB web service (see a separate guide).
2. Log in to the ČSOB CEB portal, and then upload your server certificate issued by I.CA or Postsignum. If you don't have a server certificate, you can generate one using a request that you've created in the ČSOB Business Connector application.
3. After uploading the certificate, it is necessary to set up the ČSOB Business Connector application and change the Business Connector service settings via the ČSOB CEB portal.

2 Installing the ČSOB Business Connector application

Go to <https://www.csob.cz/businessconnector> and press the *Install to Windows* button.

You must agree to the License Agreement to download the application.

I am aware that by agreeing to the License Agreement, I express my will to accept it in full.

☒ I agree to all the terms of the License Agreement.

Install to Windows

[Download installation package](#)

You must have .NET Framework 4.5 or later installed



Using the application
Setting up and using Business Connector

[Find out more](#)



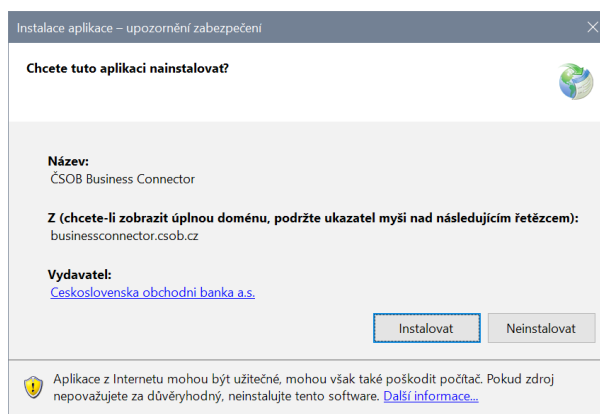
Creating a custom solution
Implementing a custom solution and using web services

[Find out more](#)



About ČSOB CEB
Business Connector is a part of the ČSOB CEB electronic banking

[Find out more](#)



Start the installation by pressing the *Install (Instalovat)* button. Because only Czech version of application is available, all screens are czech.

Once the installation is complete, the application setup window will open automatically.

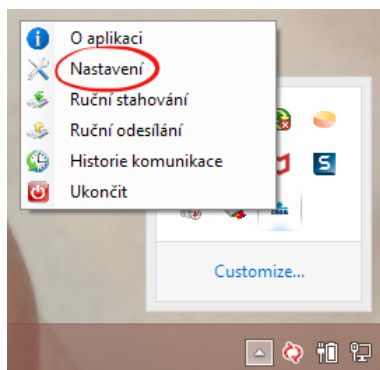
3 Obtaining a communication certificate

The process of obtaining a communication certificate consists of the following steps:

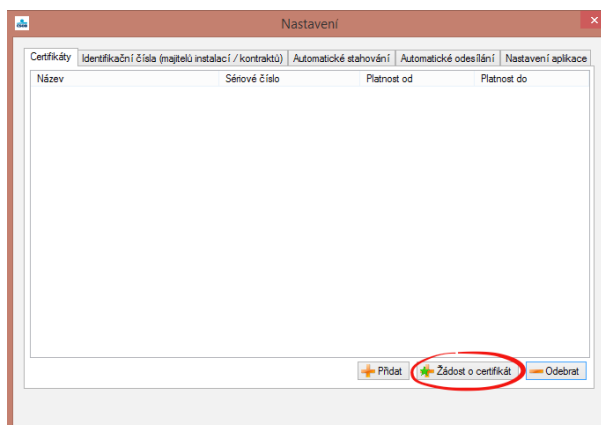
1. Creating a certificate request in the Business Connector application and saving it to a hard drive.
2. Uploading the certificate request to the ČSOB CEB portal.
3. Downloading a new certificate from the ČSOB CEB portal.
4. Uploading the certificate to the Business Connector application.

3.1 Creating a Business Connector certificate request

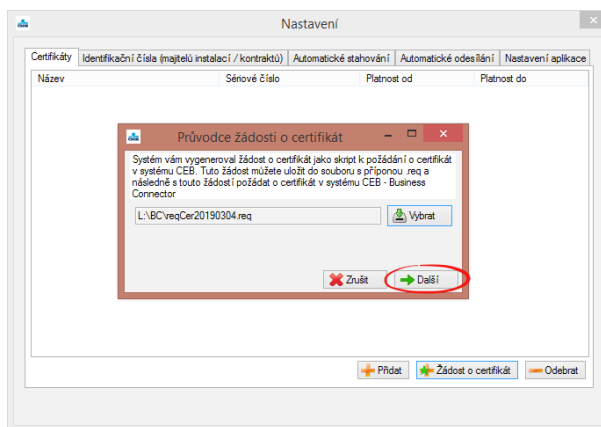
Once the installation is complete, the application settings window will automatically open. You can also launch the application from the Windows taskbar.



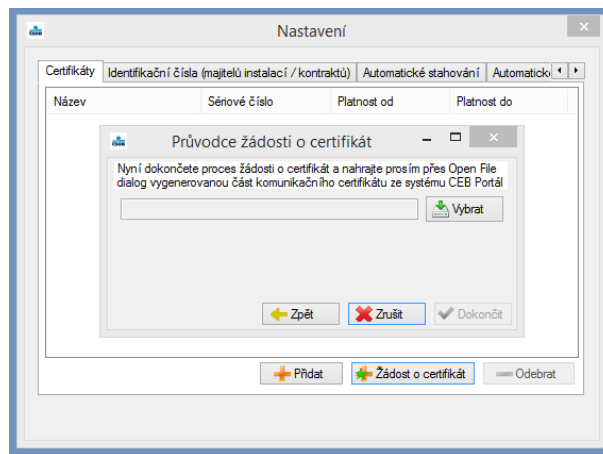
Open the Business Connector settings by right-clicking on the ČSOB icon.



On the *Certificates (Certifikáty)* tab, click on the *Certificate Request (Žádost o certifikát)* button to create a certificate request.

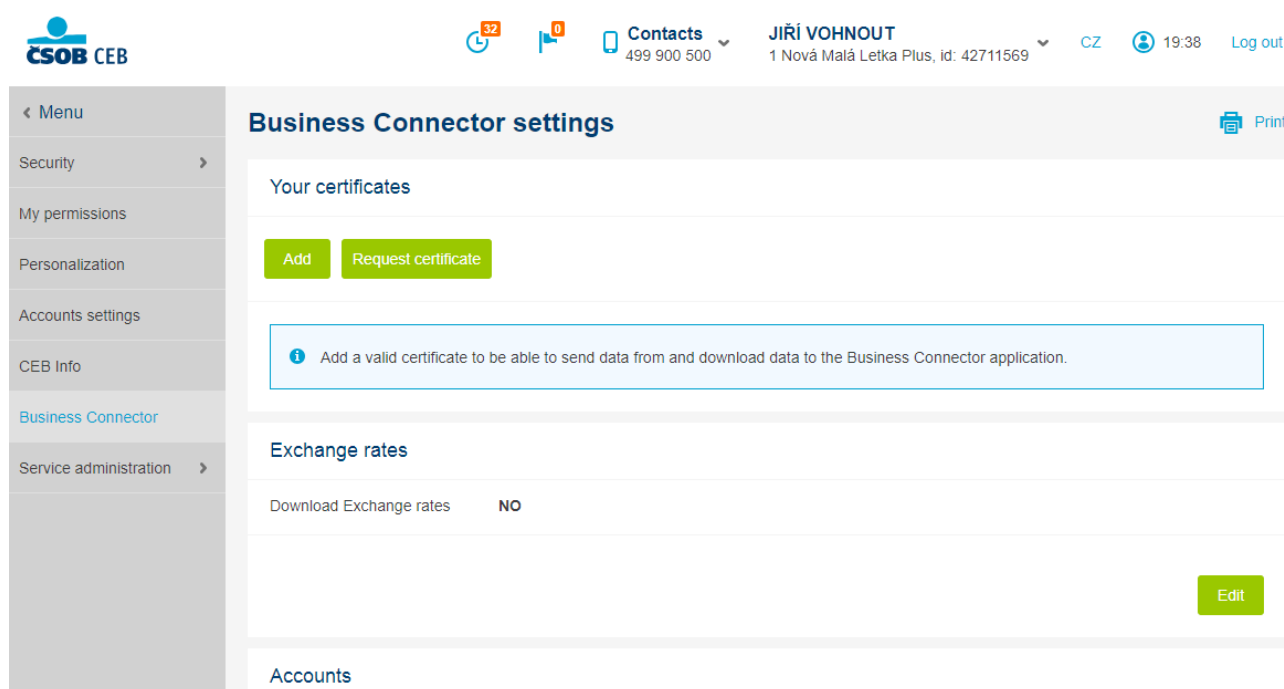


Select the path for saving the certificate request and continue by pressing the *Next (Další)* button.

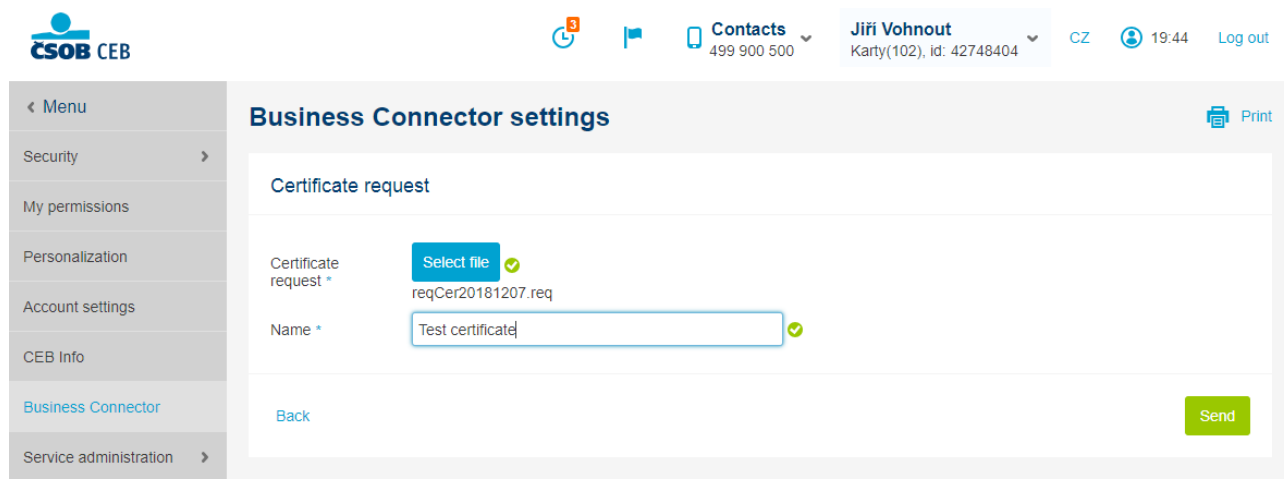


You have now created a certificate request file. Leave the window open and log in to the ČSOB CEB service to create a certificate.

3.2 Generating a certificate



Log in to the ČSOB CEB service and select *Settings > Business Connector*. In the *Your certificates* section, upload your request using the *Request certificate* button.



Press the *Select file* button to select the certificate request file and confirm the selection. Fill in the certificate name, under which the certificate will be displayed on the list of certificates, in the *Name* field. Press the *Send* button.

< Menu

Security >

My permissions

Personalization

Account settings

CEB Info

Business Connector

Service administration >

Business Connector settings Print

✓ The certificate has been successfully generated. You can download the certificate file. [Download certificate](#)

Your certificates

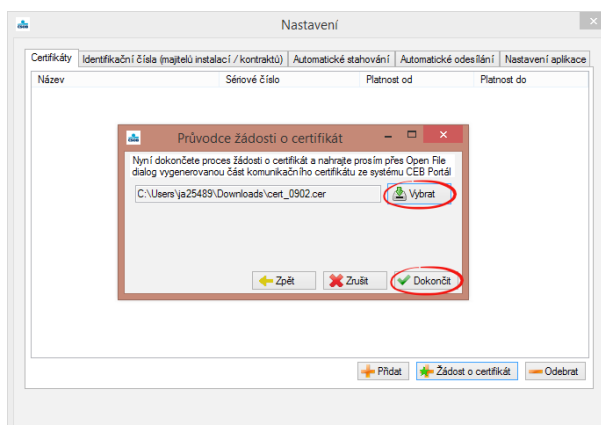
Add
Request certificate

Serial num...	Name	Entity	Issuer	Valid till	Status	Download	...
125d	Test certificate	W2AB00KH	CEB Bus...	06.12.2020 14:01:29	active	Download	

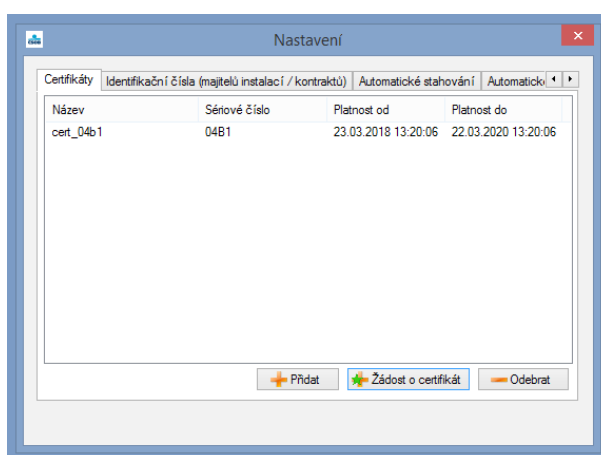
[Scroll to top](#)

Now download the certificate that has been generated to your computer using the *Download certificate* option. The certificate must then be saved to the Business Connector application.

3.3 Uploading the certificate to the Business Connector application



In the Certificate request wizard window, use the *Select (Vybrat)* button to select the certificate file that you've downloaded from the ČSOB CEB portal, and press the *Finish (Dokončit)* button.



Your new certificate including its validity period is now displayed. Don't forget to renew the certificate before it expires.

4 Setting up the service

4.1 Setting up the service on the ČSOB CEB portal

After you have generated and downloaded your communication certificate, it is necessary to set up the Business Connector service on the ČSOB CEB portal. This can be done on the screen that contains the list of your Business Connector certificates. In the *Exchange rates* section, you can set up the download of Exchange rates using the *Edit* button.

Business Connector settings Print

Your certificates

[Add](#) [Request certificate](#)

Serial num...	Name	Entity	Issuer	Valid till	Status	Download	...
62d	CEB cert	W2AB00KH	CEB Bus...	06.06.2020 16:42:11	active	Download	...
1181	TEST CERT	W2AB00KH	CEB Bus...	04.10.2020 11:35:24	active	Download	...
11e5	test ke smazání	W2AB00KH	CEB Bus...	18.10.2020 12:38:06	active	Download	...

[Scroll to top](#)

Exchange rates

Download Exchange rates **NO**

[Edit](#)

Accounts

[Show filter](#) Sort by account number

In the *Accounts* section, the Business Connector service can be set up. The settings can be changed separately for each account by clicking on the selected account, or multiple accounts can be set up at once by using the checkboxes and the *Edit* button.

< Menu

Security >

My permissions

Personalization

Accounts settings

CEB Info

Business Connector

Service administration >

Connection setting

Print

Download of data

- ☒ Advices
- ☒ Statements
- ☐ Statements for viewing ⓘ

ⓘ Neither **advices**, nor **data statements**, nor **statements for viewing** are generated for some accounts. If you want to use advices, data statements or statements for viewing in Business Connector, select them, or select another type of data.

Upload of data

- ☒ Upload
- ☒ Upload with signature ⓘ

ⓘ Import cannot be carried out on some of the selected accounts.

[Back](#)[Save](#)

Accounts

- ⓘ 34190922/0300, CZK, HANISCH s.r.o., eRevolving v CZK
- ⓘ 9632506/0300, CZK, Martin Elger, KK SME - bezúročné období na vše
- ⓘ 9638115/0300, CZK, VOHNOUT JIRI - EB, ČSOB Plus Konto v CZK
- ⓘ 9639951/0300, CZK, VOHNOUT JIRI, ČSOB Aktivní konto v CZK
- ⓘ 9646625/0300, EUR, JIRI VOHNOUT, Běžný devizový účet v EUR
- ⓘ 9648380/0300, CZK, VOHNOUT JIRI, Premium konto

In the *Connection setting* section, the type of data that will be downloaded can be set. You can also allow data to be sent to the bank, i.e. you can enable the upload of batch orders. If signed batch orders, which will be directly processed, are to be sent to the bank, enable the Upload with signature option. Press *Save* to confirm the settings.

If statements and/or advices are not generated for a selected account, the system will notify you and let you proceed to the settings screen by clicking on the number of the account.

< Menu

Security >

My permissions

Personalization

Account settings

CEB Info

Business Connector

Service administration >

Business Connector settings

Print

The download of data statements (advices and statements) has been successfully set and saved.

Your certificates

Add

Request certificate

Serial num...	Name	Entity	Issuer	Valid till	Status	Download	...
4b1	Certifikát pro Busine...	W2AB00KH	CEB Bus...	22.03.2020 13:20:06	active		

[Scroll to top](#)

Exchange rates

Download Exchange rates NO

Edit

Accounts

Show filter

Sort by account name

Account: All accounts

☐ Select all (7)

Cancel connection (0)

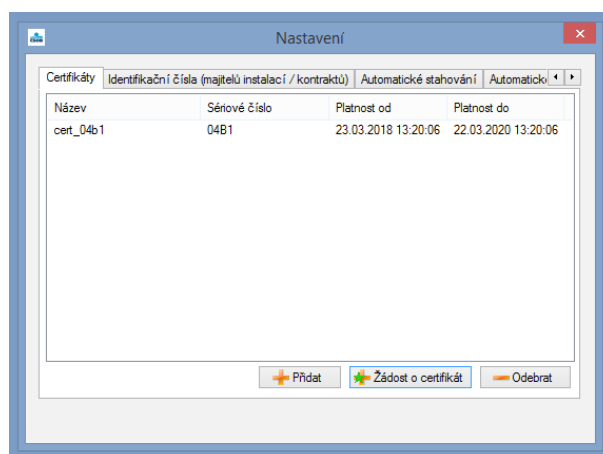
Edit (0)

☐	Current Account - ČSOB Podnikatelské konto v CZK 9722026/0300, CZK, HANISCH s.r.o.	Name HANISCH s.r.o.	Download o... YES	Upload of d... YES	...
☐	Revolving - eRevolving v CZK 34190922/0300, CZK, HANISCH s.r.o.	Name HANISCH s.r.o.	Download o... NO	Upload of d... Not suppo...	...

After you've successfully completed the setup, a confirmation message will be displayed. The Business Connector features that have been set for each account will be displayed on the account list. Now you can set up download in the Business Connector application.

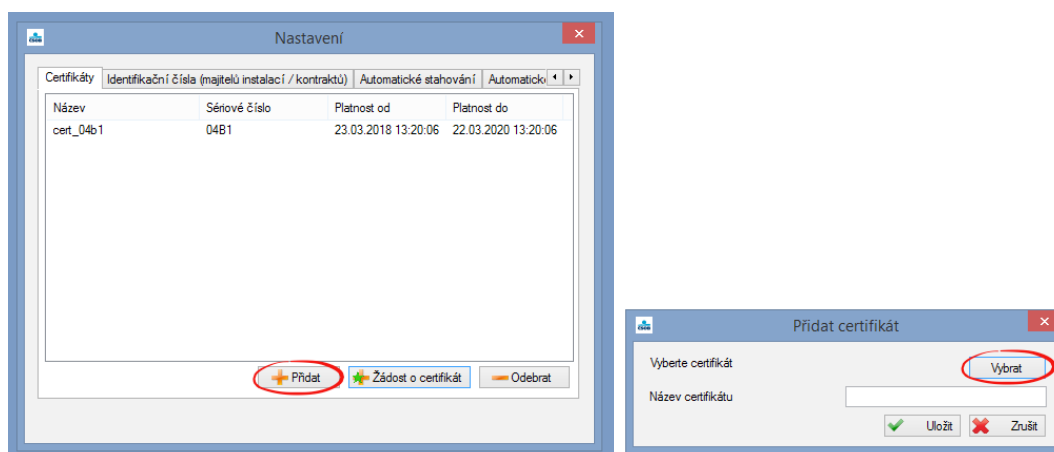
4.2 Setting up the application

4.2.1 Certificates

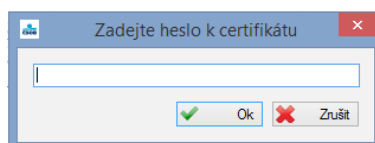


On the *Certificates (Certifikáty)* tab, you can see an overview of uploaded certificates; the procedure of creating a certificate is described in [chapter 3](#).

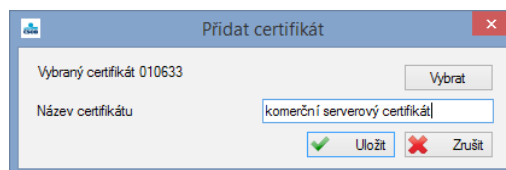
Apart from an internal communication certificate, a commercial server certificate issued by První certifikační autorita www.ica.cz or PostSignum www.postsignum.cz can also be used. You can upload your server certificate using the *Add (Přidat)* button. In the same way you can add the internal communication certificate generated on another computer in the same way. It is required to upload the certificate including private key, which is .pfx file.



After pressing the *Add (Přidat)* button, a certificate import window will appear. Press the *Select (Select)* button to select your server certificate file.

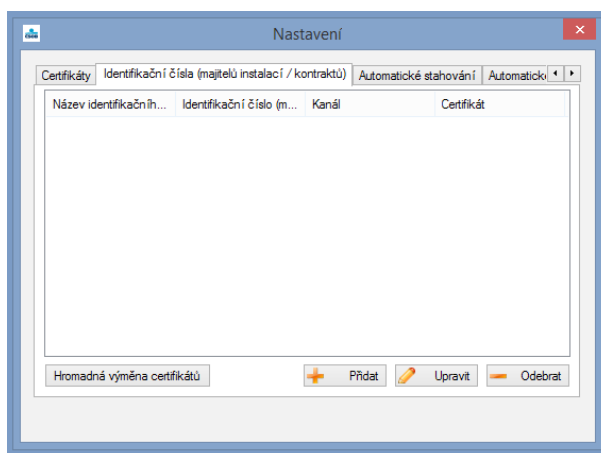


Then enter the server certificate password.

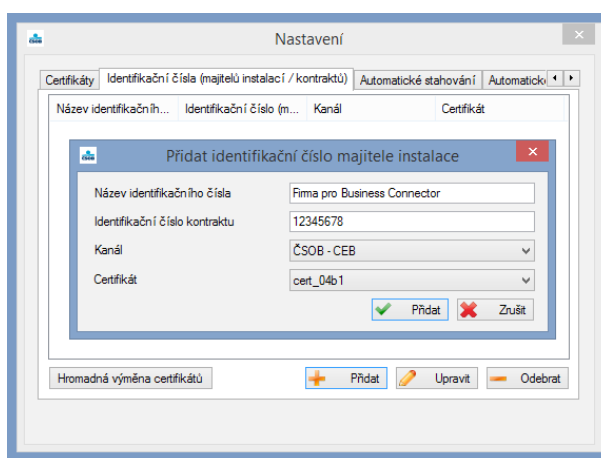


Once you've entered the correct password, you can add the certificate name and save it among other usable communication certificates.

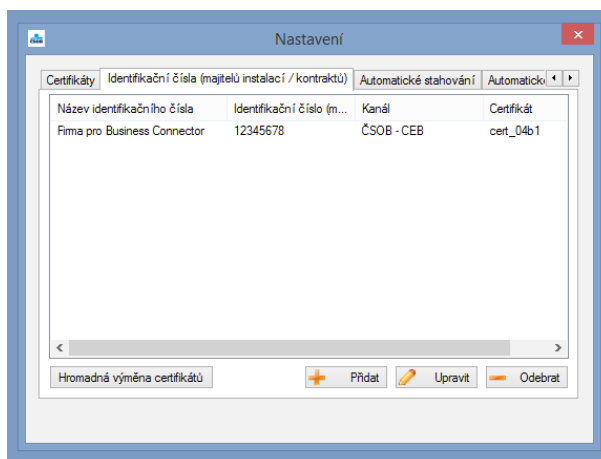
4.2.2 Installation owner's identification number



On the *Identification numbers* tab, use the *Add (Přidat)* button to enter the identification number of your ČSOB CEB Agreement. The identification number can be found in the agreement or, after you log in to the service, in the website header.

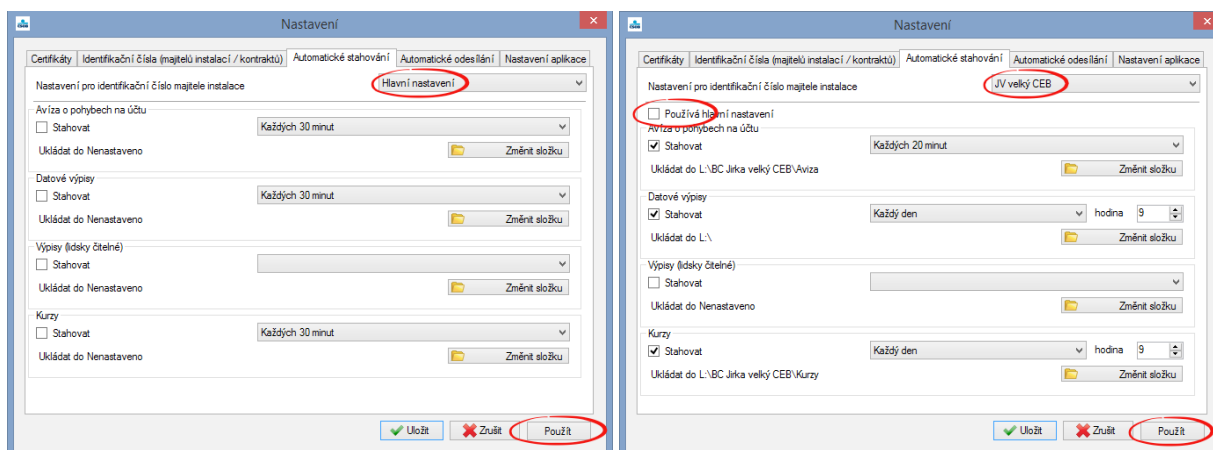


Enter the *Identification number name (Název identifikačního čísla)* and *Identification number of the agreement (Identifikační číslo kontraktu)*, select the *Channel (Kanál)* (in this case ČSOB – CEB) and *Certificate (Certifikát)* (which you added on the *Certificates* tab). Confirm your selection by pressing the *Add (Přidat)* button.



If you have multiple agreement numbers or identification numbers, press the *Add (Přidat)* button to repeat the selection.

4.2.3 Automatic download



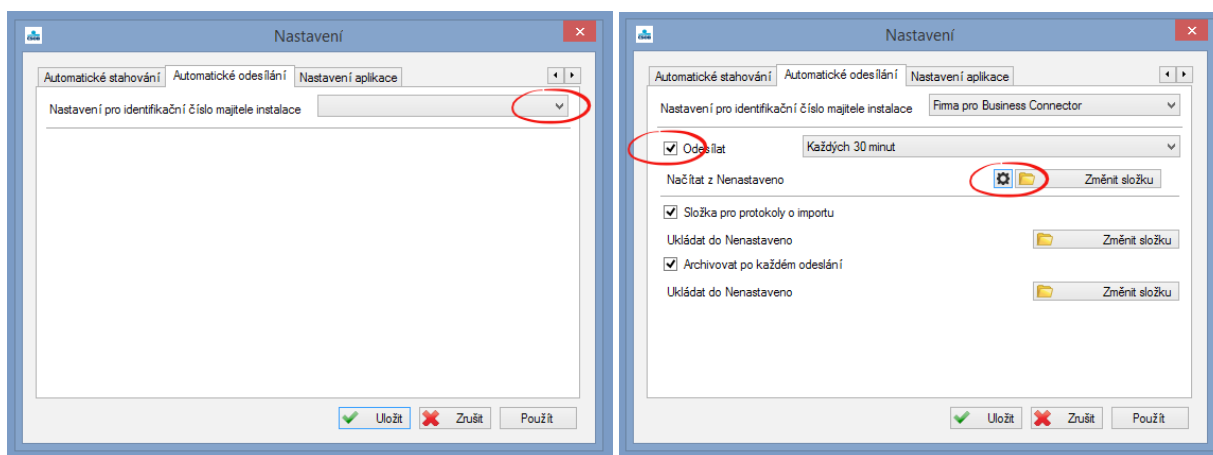
On the *Automatic download (Automatické stahování)* tab, you can set the desired types of data that you want to download, the download frequency, and the target directory. If you have multiple agreement numbers, they can all be set identically (select Default settings), or you can set each agreement separately. In this case, select the agreement name from the drop-down list at the top, uncheck the *Use default settings (Používá hlavní nastavení)* box and set the required parameters.

Press the *Apply (Použít)* or *Save (Uložit)* button to confirm your selection (this will also close the window).

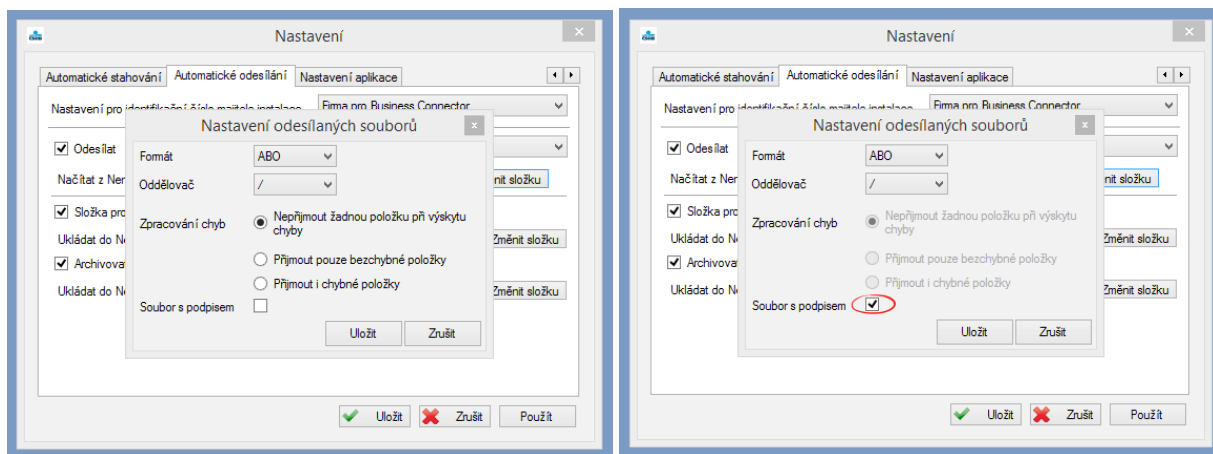
Tip: Account statements are prepared for download every morning for the previous business day. Therefore, you can just set the download frequency to every day. Advices are generated during business days depending on the transactions made on your account, which means you'll get information on your account transactions very quickly.

4.2.4 Automatic upload

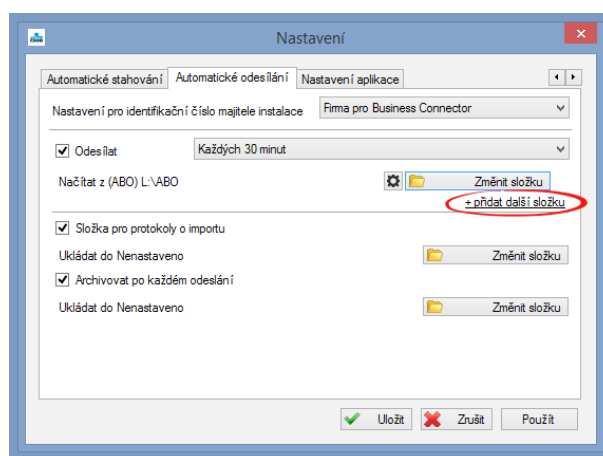
The automatic upload feature enables you to send batch orders to the CEB service. The Business Connector service may be used to upload unsigned files containing orders. These files will be waiting for signing in the ČSOB CEB waiting room. It is also possible to upload signed files. In this case, internal electronic signatures of authorized users of the CEB service in the CADES-BES format must be attached to the files.



On the *Automatic upload (Automatické odesílání)* tab, you can set up the upload of the files containing orders to the CEB service. It is possible to select the folder from which data files will be sent to the bank as well as the frequency of sending these files. Press the gear wheel button or the *Change Folder (Změnit složku)* button to set up upload.



In this dialogue you can select the format (*Formát*) and Separator (*Oddělovač*) of the file containing payments. Setting up the error handling mode by choosing do not accept any import in case of error (*Nepřijmout žádnou položku při výskytu chyby*), Import only error-free records (*Přijmout pouze bezchybné položky*) and Import all (*Přijmout i chybné položky*). If a signed file is to be sent (box *Soubor s podpisem*), only option Do not accept any import in case of error will be automatically selected.

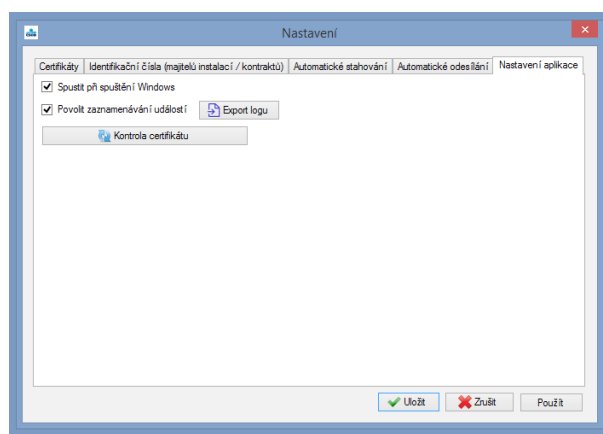


If you want to upload other files in a different format, repeat the setup process by clicking on + *add another folder* (+ *přidat další složku*).

You can enable the download of import protocols (*Složka pro protokoly o importu*) and specify their target folder (*Změnit složku*). Import protocols provide information about the results of the upload of files containing payments. The output protocol is based on the XML PAIN.002 standard, and its description can be found [here](#).

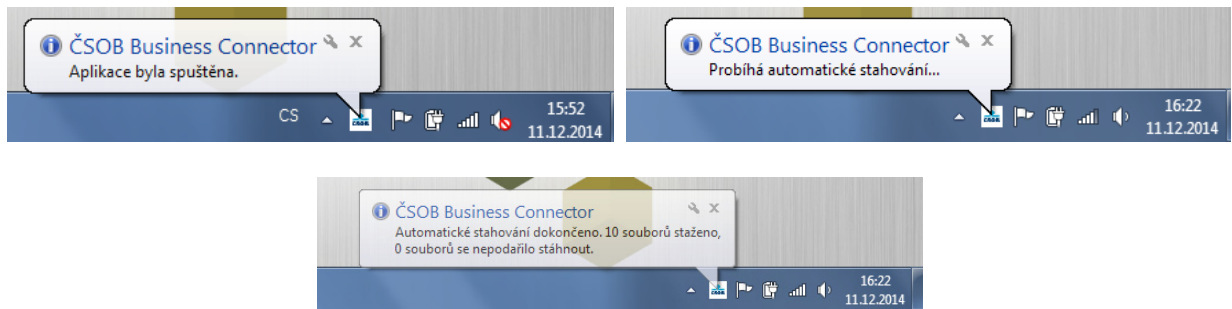
Your uploaded files can be archived by checking the "Archive after each upload" (*Archivovat po každém odeslání*) option and selecting the archive folder (*Změnit složku*). If this option is not enabled, the files will be deleted after sending.

4.2.5 Application settings



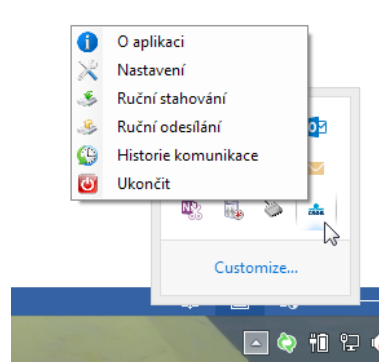
On the *Application settings* (*Nastavení aplikace*) tab, you can choose to automatically launch the application on the operating system startup (*Spustit při spuštění Windows*). The setup is complete now, and the application is prepared for the automatic download of data. Press the Save button to close the settings window.

You can set *Logging of events (Povolit zaznamenávání událostí)* and you can export logs if necessary.
By clicking on button *Certificate control (Kontrola certifikátu)* you can check the validity of all certificates.



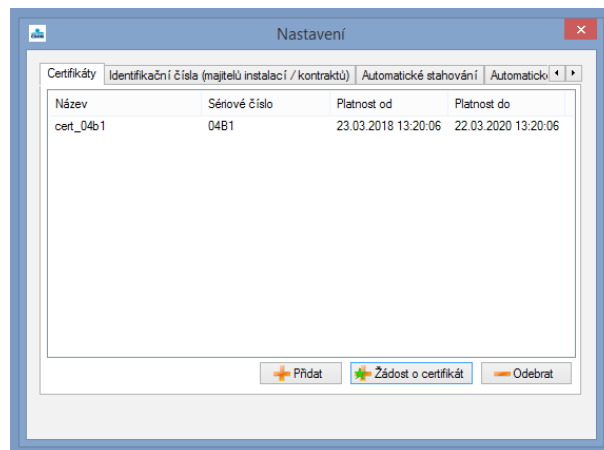
The activity of the application is indicated by an icon in the taskbar, and notifications inform you of the actions being performed.

4.3 Application management



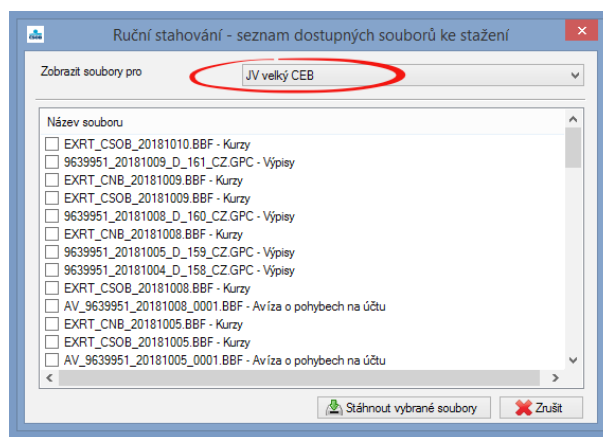
Right-click on the ČSOB Business Connector icon to display the menu.

4.3.1 Settings



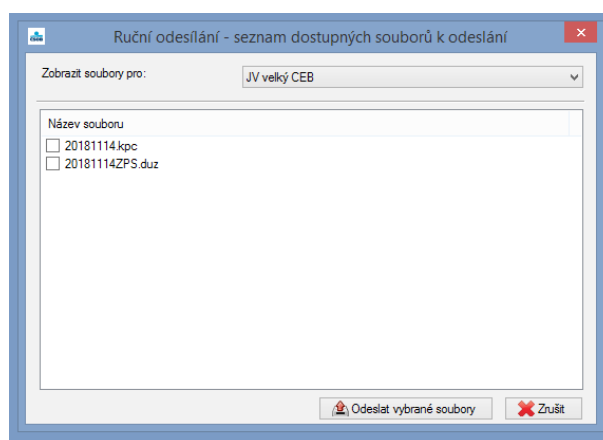
The settings are described above; here you can change certificates, add installation owner numbers, set the frequency of download.

4.3.2 Manual download



All the available files that you can download again are displayed here, if the contract is chosen.

4.3.3 Manual upload



Within manual transfer, after agreement selection, the application will go through all the directories specified for automatic data sending and display the files saved there at the moment. After you confirm the selection to be sent, the transfer towards the bank will begin.

4.3.4 Download history

Datum	Identifikační číslo kontraktu	Soubor	Staženo	Stav
23.03.2018 10:41...	42756159	EXRT_CNB_201...	Automaticky	Staženo
23.03.2018 10:41...	42756159	9638211_201803...	Automaticky	Staženo
23.03.2018 10:41...	42756159	9638318_201803...	Automaticky	Staženo
23.03.2018 10:41...	42756159	9638211_201803...	Automaticky	Staženo
23.03.2018 10:41...	42756159	9638318_201803...	Automaticky	Staženo
23.03.2018 10:41...	42756159	AV_9638211_20...	Automaticky	Staženo
23.03.2018 10:41...	42756159	EXRT_CSOB_20...	Automaticky	Staženo
23.03.2018 10:41...	42756159	AV_9638318_20...	Automaticky	Staženo
23.03.2018 10:41...	42756159	9638211_201803...	Automaticky	Staženo
23.03.2018 10:41...	42756159	EXRT_CNB_201...	Automaticky	Staženo
23.03.2018 10:41...	42756159	9638318_201803...	Automaticky	Staženo
23.03.2018 10:41...	42756159	9638211_201803...	Automaticky	Staženo

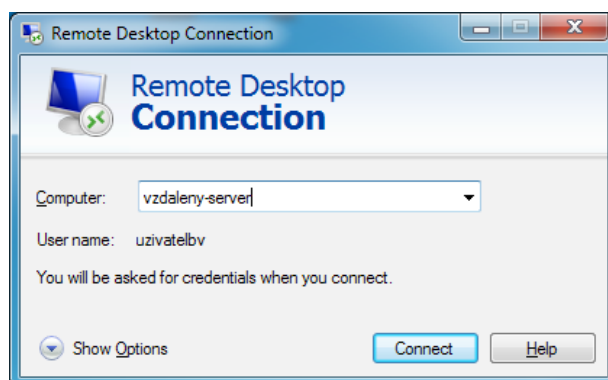
The download records of individual files are displayed here.

4.4 Installing the application to Windows Server 2012 R2

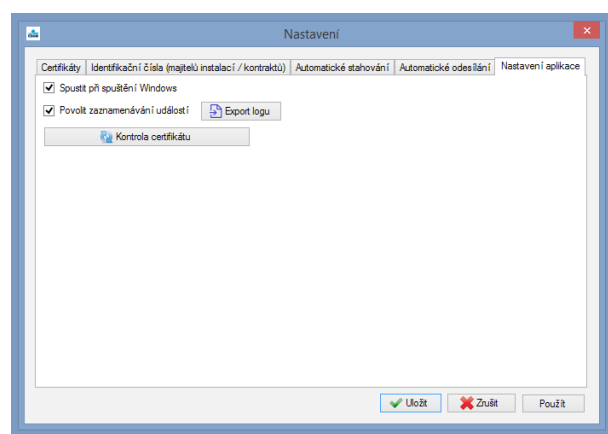
If you want to install ČSOB Business Connector to a server in order that the application could run regardless of a logged user, follow the instructions below.

1. Create or select a user under which the application will be launched.

2. Log in to the server under the selected user.



3. Install the ČSOB Business Connector application.
4. Make sure that the *Launch on Windows startup* box is checked in the application settings.



5. Disconnect from the remote desktop (do not log off from the server).
6. Use the Autologon for Windows utility to set automatic user login for ČSOB Business Connector.
 - a) Log in as a server administrator.
 - b) Download and run the <http://download.sysinternals.com/files/AutoLogon.zip> utility.
 - c) Set automatic user login for the Business Connector user.
 - d) Click the Enable button after entering your username, domain, and password.

