SAP BUSINESS ONE · AB1A ADD-ON

eInvoicing Segment

User Guide

ADD-ON	AB1A – eInvoicing (eFaktúra) segment
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Already installed using the Installation Guide?

Chapters 2 and 3 describe the installation and configuration of the segment, which are also covered in detail in the **AB1A eInvoicing – Installation Guide**. If you have already completed them during the installation according to the Installation Guide, you can skip them and **continue with chapter 4 – Working with the eInvoicing Segment**.

About the screenshots

The screenshots show the Slovak user interface of SAP Business One and the AB1A add-on. Labels in the text are given in English, followed by the Slovak label shown in the screenshot in brackets, e.g. **Update** (Aktualizácia).

1 Introduction

From 1 January 2027, taxable entities in Slovakia are required to receive and send invoices in the PEPPOL BIS 3 electronic format. Receiving electronic invoices will be mandatory for all legal entities and entrepreneurs who are taxable persons under Slovak law.

To send electronic invoices, three conditions must be met:

- the company is a VAT payer,
- the customer is a domestic VAT payer or a legal entity that is not a VAT payer,
- the transaction concerns a domestic supply.

From 2027, this obligation applies only to the domestic environment (B2B and B2G). Cross-border sending of eInvoices – the exchange of invoices between suppliers and customers from different EU member states – is planned for a later phase, in line with the European ViDA initiative (VAT in the Digital Age), from 1 July 2030.

Peppol (Pan-European Public Procurement Online) is a European network for the secure electronic exchange of business documents between companies (B2B) and public institutions (B2G). The Peppol authority of the Slovak Republic is the Financial Directorate of the Slovak Republic. It has delegated powers from the Peppol coordinating authority and is responsible for supervision in the Slovak jurisdiction.

All transfers take place through digital postmen (access points).

More information about electronic invoicing in Slovakia is available on the website of the Slovak Financial Administration: `https://www.financnasprava.sk/sk/podnikatelia/dane/dan-z-pridanej-hodnoty/e-faktura`

2 Installing and Activating the eInvoicing Segment

> **Already installed using the Installation Guide?**
>
> Chapters 2 and 3 describe the installation and configuration of the segment, which are also covered in detail in the **AB1A eInvoicing – Installation Guide**. If you have already completed them during the installation according to the Installation Guide, you can skip them and **continue with chapter 4 – Working with the eInvoicing Segment**.

1. Download the correct version of the AB1A add-on (for your SAP Business One version) from **www.sap.dflex.sk**.

2. Install the add-on and start it in the SAP Business One client. We recommend doing this outside working hours, when nobody is running the AB1A add-on and ideally not even the SAP client. The installation procedure is described in the **AB1A eInvoicing – Installation Guide**.

3. After the add-on starts, a message about the new version and the need to upgrade the database structure is displayed automatically.

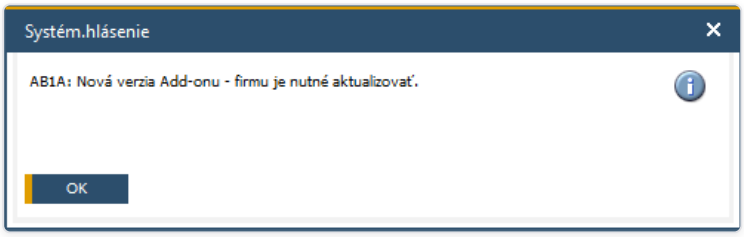

Figure 1 – Database structure upgrade message

4. Upgrade the database for all segments you use (status *Active*). Also select **Upgrade?** (Aktualizovať?) for the new eInvoicing segment, which is still *Inactive*. Click **Upgrade** (Aktualizácia) and wait until all segments are upgraded.

> **Note**
>
> If a segment has an outdated database version and is *Active*, be sure to select **Upgrade?** (Aktualizovať?) for it. The AB1A add-on version always contains all segments.

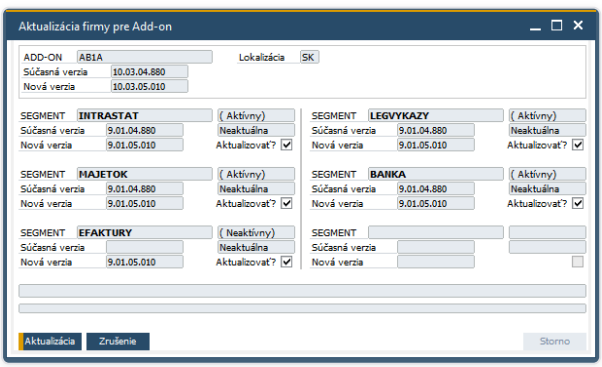

Figure 2 – Upgrading the database structure for the required segments

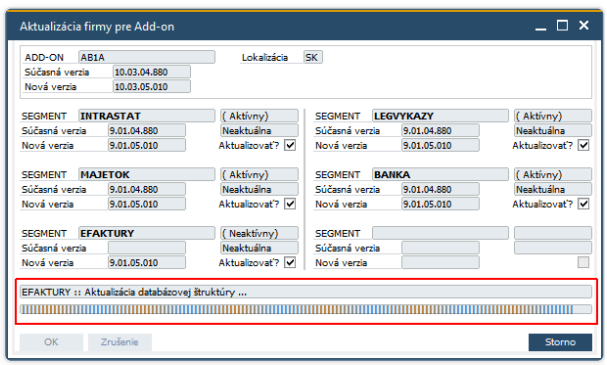

Figure 3 – Database structure upgrade in progress

5 When the upgrade is finished, the add-on closes and the SAP Business One client must be restarted.



Figure 4 – Add-on closes after the upgrade

6 After restarting, open **Administration → Add-Ons → AB1A → Upgrade / License → Segment Activation** (Administrácia → Doplnky → AB1A → Aktualizácia / Licencia → Aktivácia segmentov). For the **EFAKTURY** segment, select **Activate?** (Aktivovať?) and click **Update** (Aktualizácia).

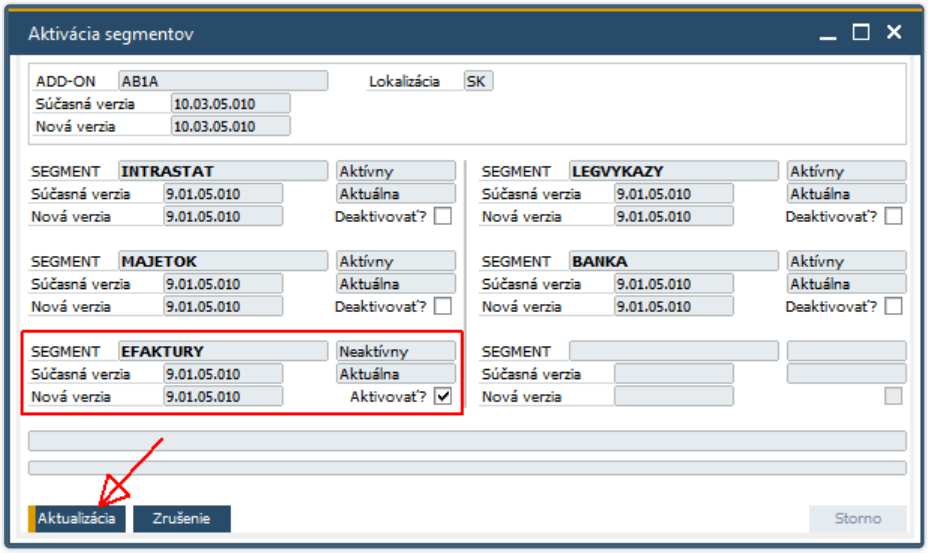

Figure 5 – Activating the eInvoicing segment

7 Request a license for the eInvoicing segment via **Administration → Add-Ons → AB1A → Upgrade / License → Segment Licenses** (Administrácia → Doplnky → AB1A → Aktualizácia / Licencia → Licencie pre segmenty).

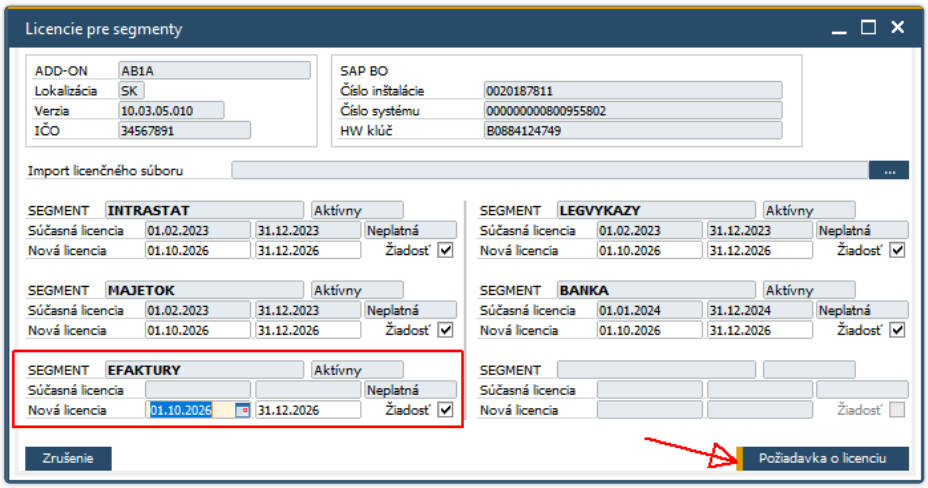

Figure 6 – Requesting a license for the eInvoicing segment

8 In the license request, select the required modules. Modules that are not yet registered (**Reg.**) can be added to the request by selecting them.

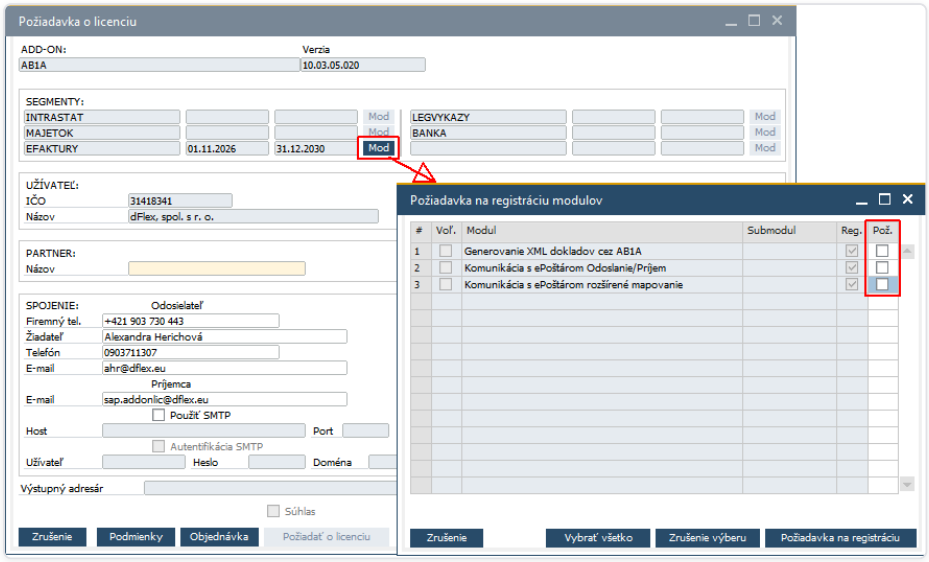

Figure 7 – Selecting modules for the license request

Module	Purpose
Basic module (not in the list, available automatically)	Generating the XML file via EDS (Electronic Document Service) and saving it to the folder structure.
Generating XML documents via AB1A (Generovanie XML dokladov cez AB1A)	Creating XML documents outside EDS, directly via the AB1A add-on.
Communication with ePostman – Send/Receive (Komunikácia s ePoštárom – Odoslanie/Príjem)	API communication with the selected digital postman.
Communication with ePostman – extended mapping (Komunikácia s ePoštárom – rozšírené mapovanie)	Adjusting the XML file if you want to send additional data beyond what is mapped to the PEPPOL BIS 3 format by default.

9 After agreeing to the order terms, click **Request License** (Požiadať o licenciu).

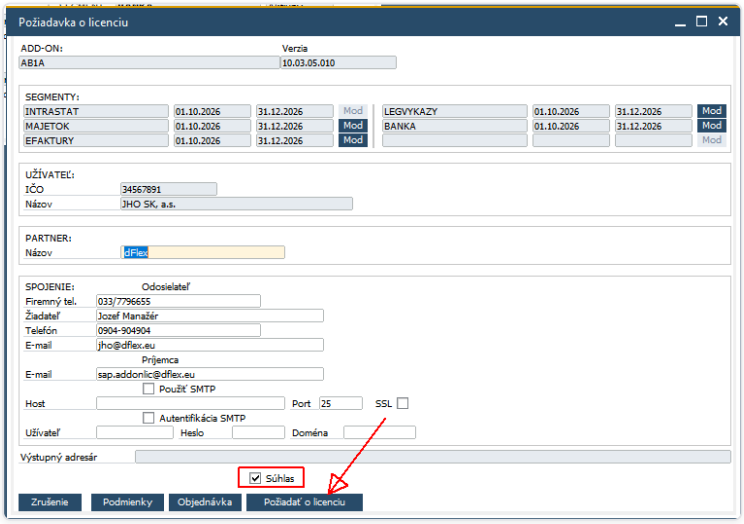

Figure 8 – License request

10 When you receive the license file, import it in the same window **Administration → Add-Ons → AB1A → Upgrade / License → Segment Licenses** (Administrácia → Doplnky → AB1A → Aktualizácia / Licencia → Licencie pre segmenty): click the **...** button, select the license file (`*.dfl`) and click **Import** for the required segments.

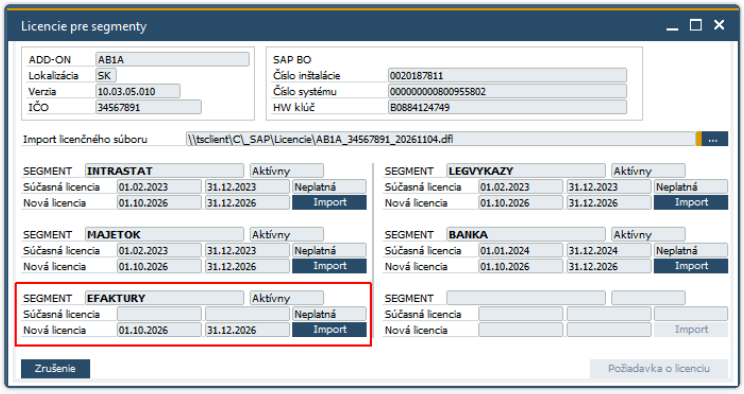

Figure 9 – Importing the license for the eInvoicing segment

11 If everything was done correctly, the system displays a message with the license number and automatically registers the modules you requested.

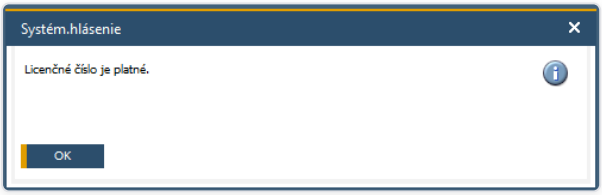

Figure 10 – Valid license number

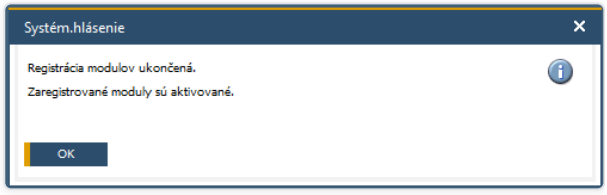

Figure 11 – Module registration

The eInvoicing segment is now ready to use.

3 Basic Settings of the eInvoicing Segment

> **Already installed using the Installation Guide?**
>
> Chapters 2 and 3 describe the installation and configuration of the segment, which are also covered in detail in the **AB1A eInvoicing – Installation Guide**. If you have already completed them during the installation according to the Installation Guide, you can skip them and **continue with chapter 4 – Working with the eInvoicing Segment**.

The basic settings of the eInvoicing segment are made via **Administration → Add-Ons → AB1A → Settings → eInvoices** (Administrácia → Doplnky → AB1A → Nastavenia → eFaktúry).

3.1 Initialize / Update ePostmen

The procedure is described in the **AB1A eInvoicing – Installation Guide**, chapter 7.

3.2 General Tab

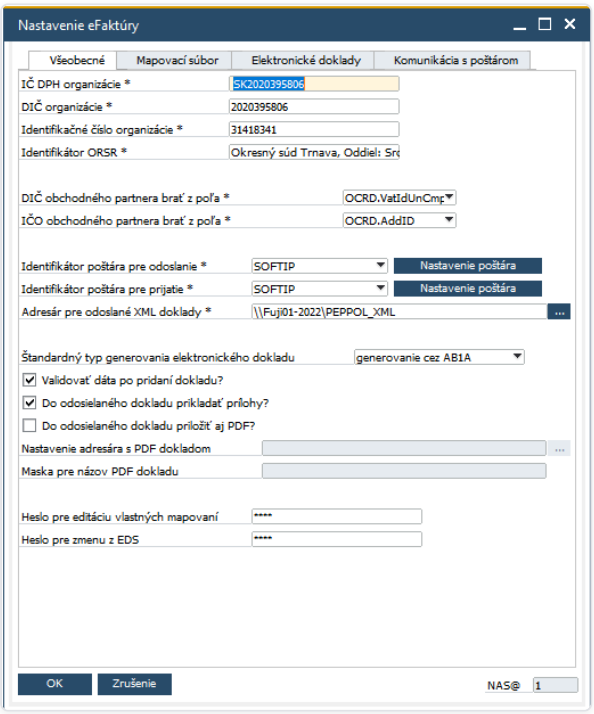

Figure 12 – General settings

Fields marked with an asterisk are mandatory.

- **VAT ID** (IČ DPH), **Tax ID** (DIČ), **Company ID** (IČO) and **Business Register ID** (Identifikátor ORSR) are filled in automatically from the company settings. If they were not set correctly, correct or complete them.
- **Take BP tax ID from field** (DIČ obchodného partnera brať z poľa) and **Take BP company ID from field** (IČO obchodného partnera brať z poľa) are preset to the fields where this data is usually stored.
- **Postman ID for sending** (Identifikátor poštára pre odoslanie) and **Postman ID for receiving** (Identifikátor poštára pre prijatie) – select the digital postman you have a contract with.

- **Folder for sent XML documents** (Adresár pre odoslané XML doklady) – network path to the folder where the XML files of documents will be saved. Always use a network path, e.g. `\\<server-name>\peppol_xml`. With a local path, users working with SAP outside the application server would not have access to the folder. More information is in the **AB1A eInvoicing – Installation Guide**.
- **Default electronic document generation type** (Štandardný typ generovania elektronického dokladu) – there are three options:
  - **generation via EDS** (generovanie cez EDS) – via the SAP Electronic Document Service; available for SAP Business One 10 FP 2502 and later,
  - **generation via AB1A** (generovanie cez AB1A) – via the dFeFaktura service; available for SAP Business One 9 and 10. **We recommend this method.**
  - **Not relevant** (Nerelevantné) – no XML file is generated.
- **Validate data after adding a document?** (Validovať dáta po pridaní dokladu?) – before a document is saved, the data required for the eInvoice is checked. If any data is incorrect, the document is not saved in SAP. The list of checks and messages is in the document **AB1A eInvoicing – List of Validation Errors**.
- **Attach attachments to the sent document?** (Do odosielaného dokladu prikladať prílohy?) – attachments are sent if **Copy to Target Document** (Kopírovať do cieľového dokladu) is selected for them on the **Attachments** (Prílohy) tab of the document. Allowed attachments: pdf, png, jpeg, csv, xlsx, ods. txt and docx attachments are automatically converted to PDF by the AB1A add-on (from patch x.yy.05.02_HF1). Not allowed: doc, xls, zip, xml, tif.
- **Attach PDF to the sent document?** (Do odosielaného dokladu priložiť aj PDF?) – do not use yet, the function will be available in the next version.

3.3 Mapping File Tab

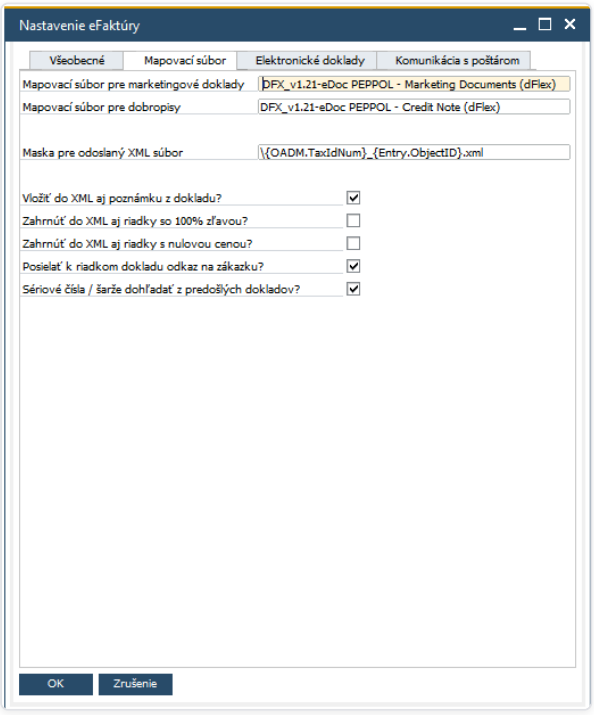

Figure 13 – Mapping file

This tab defines the settings for generating the XML file. It shows the names of the mapping files for electronic documents and the name mask of the sent XML file (tax ID + document type + document number).

> **Mapping files v1.22**
> From patch x.yy.05.02_HF2, use the mapping files
> `DFX_v1.22-eDoc PEPPOL – Marketing Documents (dFlex)`
> `DFX_v1.22-eDoc PEPPOL – Credit Note (dFlex)`
> The procedure for changing them is in the HF2 patch guide.

Select the options as needed:

- **Include the document remarks in the XML?** (Vložiť do XML aj poznámku z dokladu?)
- **Include lines with 100% discount in the XML?** (Zahrnúť do XML aj riadky so 100 % zľavou?)
- **Include lines with zero price in the XML?** (Zahrnúť do XML aj riadky s nulovou cenou?)
- **Send a reference to the project/order with the document lines?** (Posielať k riadkom dokladu odkaz na zákazku?)
- **Look up serial numbers / batches from previous documents (delivery note)?** (Sériové čísla / šarže dohľadať z predošlých dokladov (dodací list)?)

3.4 Electronic Documents Tab



Figure 14 – Electronic documents

- **Mapping files** (Mapovacie súbory) and **Document mapping determination** (Určenie mapovania dokladov) only need to be set if you selected **generation via EDS** (generovanie cez EDS) on the **General** (Všeobecné) tab.
- **Document settings** (Nastavenia dokladu) (PEPPOL protocol activation and processing target settings) are required for generation via EDS as well as via AB1A. The procedure is in the **AB1A eInvoicing – Installation Guide**, chapter 10.4.
- **Import definition** (Definícia importu) is not used yet.

Digital series settings (Nastavenie digitálnych sérií) opens the SAP document numbering form. For each type of sent document, select one or more numbering series for eInvoices. Sending documents is controlled not only by the digital series but also by the rules for mandatory sending from 1 January 2027 – the customer is a Slovak VAT payer, or is not a VAT payer and the country of delivery is Slovakia.

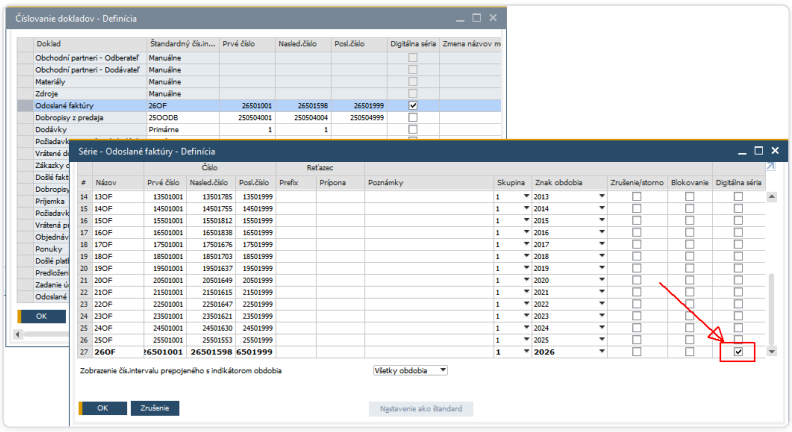

Figure 15 – Digital series settings

The digital series must be set for these document types:

- A/R invoices,
- A/R down payment invoices – we recommend a separate numbering series, different from the series for down payment requests,
- A/R credit memos,
- A/R correction invoices,
- A/R correction invoice reversals.

Category for tax groups (Kategória k daňovým skupinám) opens the SAP tax group settings form. Two columns were added:

- **PEPPOL VAT category** (Kategória DPH v PEPPOL) – data required for eInvoices. All tax groups are automatically set to the *Standard* category. Change it to the correct one – *Exempt* or *Reverse charge*.
- **VAT exemption reason** (Dôvod pre oslobodenie od DPH) – the *Exempt* and *Reverse charge* categories require an exemption / reverse charge reason.

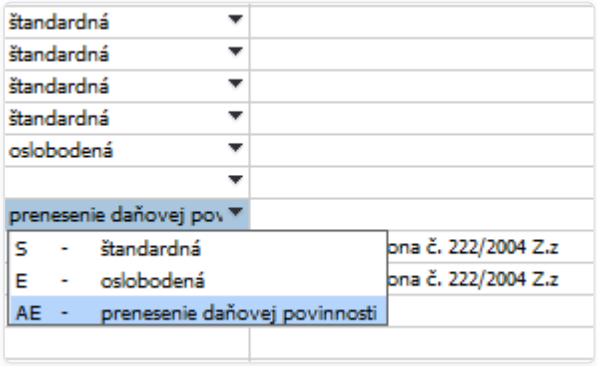

Figure 16 – PEPPOL VAT category settings

3.5 Postman Communication Tab

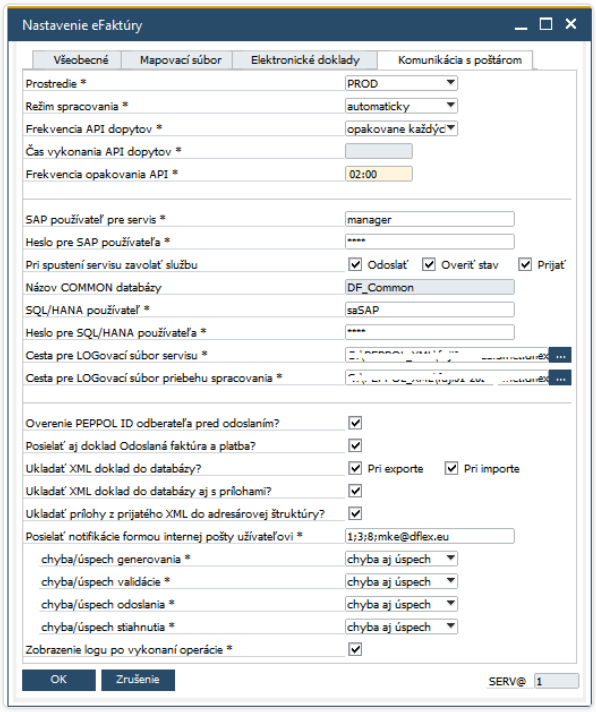

Figure 17 – Postman communication settings

Field	Setting
Environment (Prostredie)	**PROD** – production environment. **TEST** is for testing only and is not used in normal operation.
Processing mode (Režim spracovania)	**Manual** – each document must be sent to the postman individually with **ePostman – send** (ePoštár – odoslať) from the context menu (right mouse button) of the document form. **Automatic** – documents are processed by the service running in the background according to the fields below. All documents dated from the installation of the AB1A add-on and the dFeFaktura service are processed.
API query frequency (Frekvencia API dopytov)	**Once a day at a set time** – also fill in **API query time** (Čas vykonania API dopytov). **Repeatedly every HH:MM** – fill in **API repeat frequency** (Frekvencia opakovania API).
SAP user for the service + password (SAP používateľ pre servis + heslo)	The user under which the service writes to SAP. Requires an **Indirect Access** or **Professional** license.
Call service on service start (Pri spustení servisu zavolať službu)	Send / Check status / Receive – as needed.
COMMON database name (Názov COMMON databázy)	The common database from chapter 7 of the **AB1A eInvoicing – Installation Guide**.
SQL/HANA user + password (SQL/HANA používateľ + heslo)	The operating account from chapter 7 of the **AB1A eInvoicing – Installation Guide**.

Path for the service and processing LOG files (Cesta pre LOG súbor servisu a priebehu spracovania)	We recommend the same path prefix as in *Folder for sent XML documents* (e.g. `\\<server-name>\peppol_xml`), followed by `\<DATABASE>\PEPPOL_SERVIS` for the service logs and `\<DATABASE>\PEPPOL_APILOG` for the processing log.
Save XML document to the database? (Ukladať XML doklad do databázy?)	On export / on import – the XML is saved to the database in addition to the folder (increases the database size). Not needed if you archive the folder.
Save XML document to the database with attachments? (Ukladať XML doklad do databázy aj s prílohami?)	As needed.
Save attachments from received XML to the folder structure? (Ukladať prílohy z prijatého XML do adresárovej štruktúry?)	Attachments are saved to the attachments folder set in SAP.
Send notifications by internal mail (Posielať notifikácie formou internej pošty)	User IDs separated by semicolons. For generation, validation, sending and downloading, choose: errors only / errors and success / do not send.
Show log after operation (Zobrazenie logu po vykonaní operácie)	Applies to manual processing. With automatic processing, the log is available in the folders.

3.6 Service Initialization

The procedure is described in the **AB1A eInvoicing – Installation Guide**, chapter 11.

3.7 Settings Check

You can check that the data for business partners, tax groups and digital series is filled in correctly at any time, from the settings or via **AB1A → eInvoices → Settings Check** (AB1A → eFaktúry → Kontrola nastavení).



Figure 18 – Settings check

Check and correct the business partner settings so that the records gradually disappear from the list. You can check other areas in the same way:



Figure 19 – Other settings check options

- **Business partners** – BPs with missing or incorrectly set data,
- **Our data** – basic company data sent in the eInvoice,
- **Tax groups** – rate type of tax groups, including the reason for exempt and reverse charge groups,
- **Service status** – status of the services for validation, sending and status checking,
- **Document volumes** – number of documents relevant for eInvoicing from 1 January 2027,
- **Attempt register** – failed attempts to validate, send or check status,
- **Documents for XML generation** – documents relevant for eInvoicing without generated XML,
- **Documents to send** – documents that should have been sent but have not been sent yet,
- **Documents for status check** – sent documents whose status has not been checked yet.

4 Working with the eInvoicing Segment

4.1 Validating, Sending Documents and Checking Status

If you set **Processing mode** (Režim spracovania) = **automatic** in the settings (chapter 3.5), there is no need to validate, send or check status – the installed service does everything according to the settings.

If you set **Processing mode** (Režim spracovania) = **manual**, you can validate, send or check the status of each document by right-clicking the document and choosing the action from the context menu.

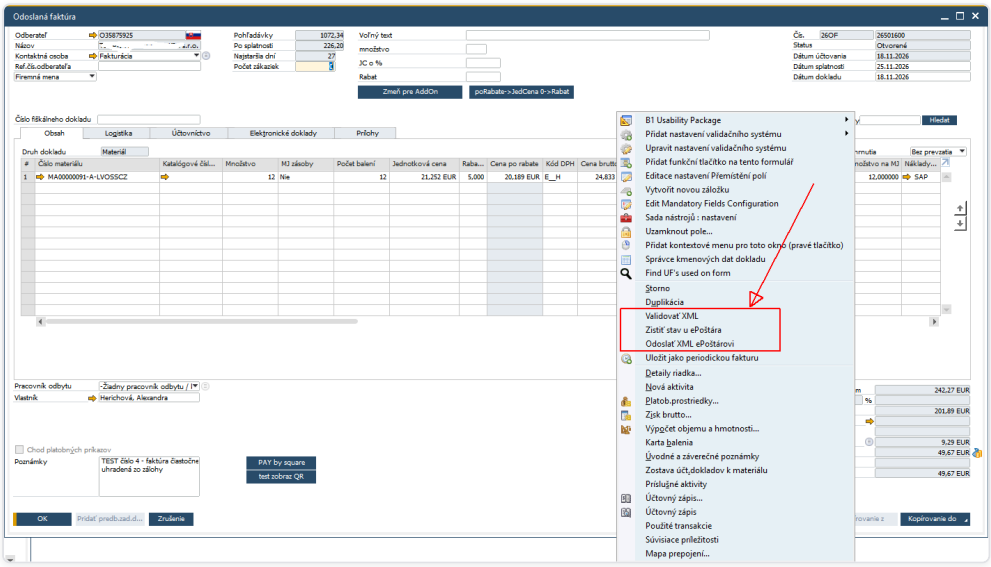

Figure 20 – Manually running postman communication actions

> **Note**
>
> Document validation is provided only by the SOFTIP and Flowis ePostmen. The Editel ePostman does not provide a validation service.

After you choose an action, a log about its success or problem is displayed. The log is displayed only if **Show log after operation** (Zobrazenie logu po vykonaní operácie) is selected in the settings (chapter 3.5).

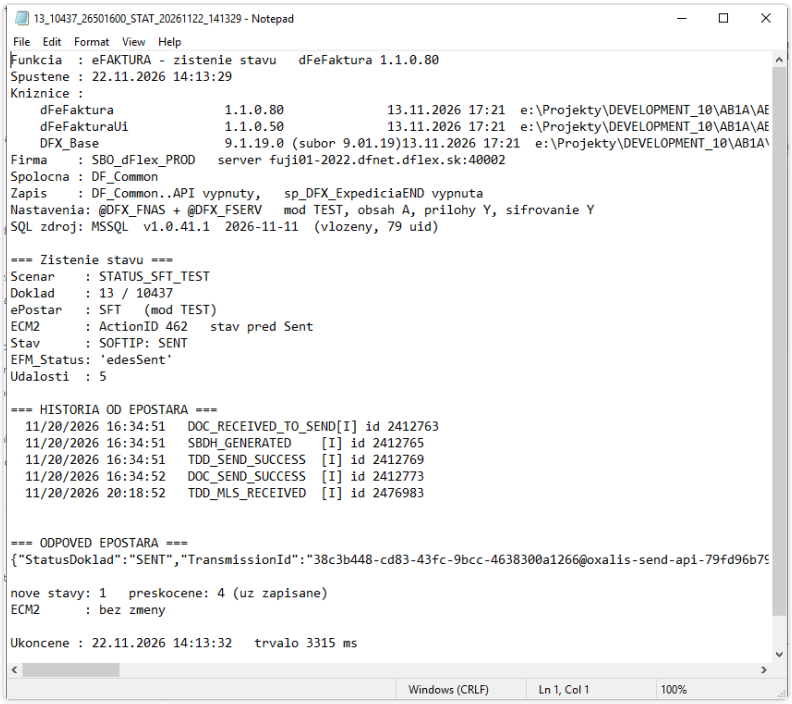

Figure 21 – Log after running an action

If you have entered a user for notifications and the type *errors and success* is set for the action, you also receive an internal message about the action.



Figure 22 – Alerts overview after an action

> **Note**
>
> If **Show log after operation** (Zobrazenie logu po vykonaní operácie) is not set, the log of the action is in the folder set in **Path for the processing LOG file** (Cesta pre LOG súbor priebehu spracovania).

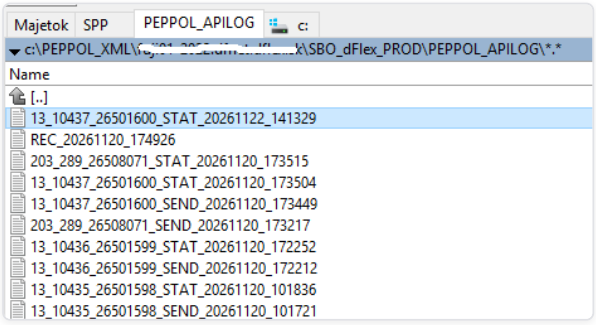

Figure 23 – Processing log files

4.2 Settings Check

The function is described in chapter 3.7. It is available via **Administration → Add-Ons → AB1A → Settings → eInvoices → Settings Check** (Administrácia → Doplnky → AB1A → Nastavenia → eFaktúry → Kontrola nastavení) and via **AB1A → eInvoices → Settings Check** (AB1A → eFaktúry → Kontrola nastavení).

4.3 Receiving Mail

The function **AB1A → eInvoices → Receive Mail** (AB1A → eFaktúry → Príjem pošty) downloads received documents to the folder structure when **Processing mode** (Režim spracovania) is set to **manual**. In automatic mode, documents are received every time the service runs (depending on **Call service on service start** (Pri spustení servisu zavolať službu)).

4.4 Electronic Document Import Wizard

This is an SAP function that can be used to import received documents from the ePostman into SAP. It is available via **AB1A → eInvoices → Electronic Document Import Wizard** (AB1A → eFaktúry → Pomocník pri importe elektronických dokladov). In this version of the AB1A add-on, mapping files for importing marketing documents and credit memos are not available, and the import itself is not implemented in the add-on.

4.5 Communication Overview

The function is used to monitor communication with the ePostman. It is available via **AB1A → eInvoices → Communication Overview** (AB1A → eFaktúry → Prehľad komunikácie).

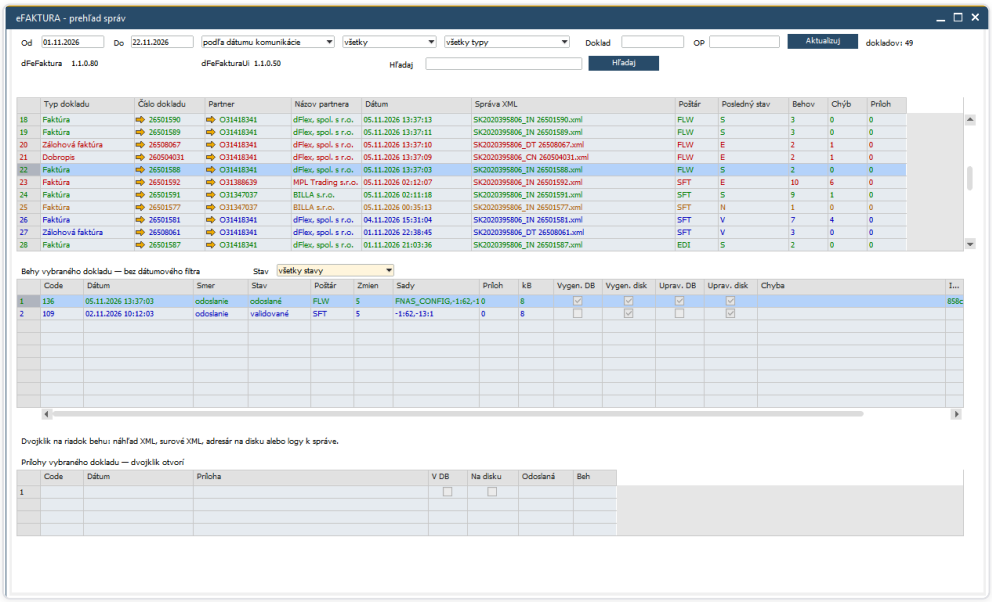

Figure 24 – Communication overview with the ePostman

The form contains records of documents and the actions performed on them. In the upper table, the document records are color-coded:

Color	Status
Green	**S** – sent successfully

Blue	**V** – validated successfully
Red	**E** – problem with validation, sending or status check
Brown	**N** – new, usually for received documents

- The second table contains all statuses of the document selected in the upper table, sorted from the newest.
- The third table contains the attachments of the selected document.
- Use the filter in the form header to display the documents you need.

Received documents (downloaded from the ePostman) can be displayed in a readable form. Select a received document and in the second table double-click the checkbox in the **Gen. on disk** (Vygen.disk) column. A window with options opens:

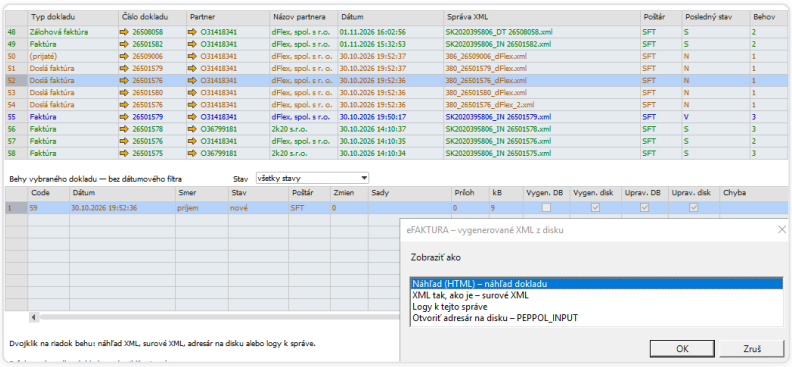

Figure 25 – Document display options

To preview the document, choose the first option – the document is displayed in the browser as HTML. You can also display the document as XML, show its log or open the folder where the XML is saved.

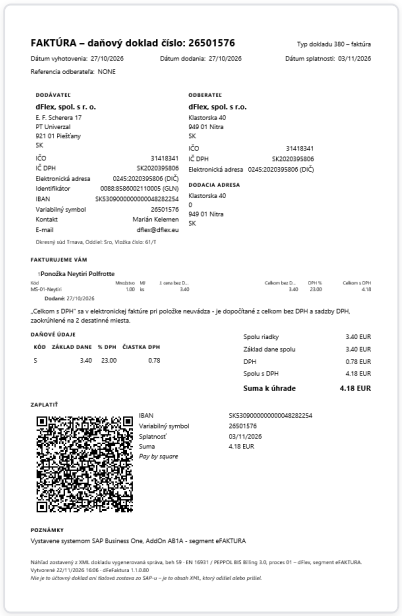

Figure 26 – Preview of a received invoice

You can display document attachments in the same way. Double-clicking the checkbox in the **On disk** (Na disku) column opens the attachment in the application associated with its file type (PDF, TXT…).

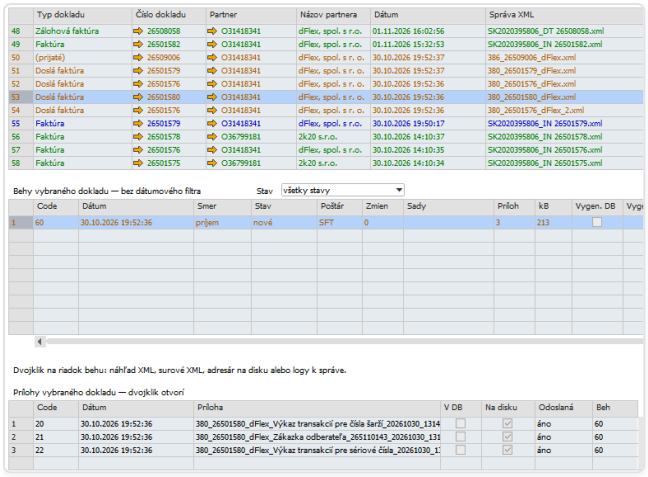

Figure 27 – Opening attachments

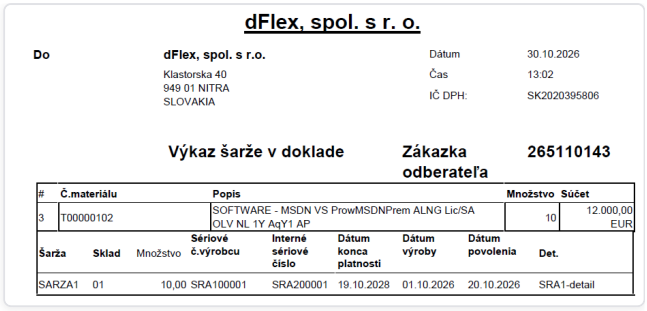

Figure 28 – PDF attachment – batch report

4.6 Electronic Document Monitor

A similar SAP function to the Communication Overview is the Electronic Document Monitor, available via **AB1A → eInvoices → Electronic Document Monitor** (AB1A → eFaktúry → Monitor elektronického dokladu). It gives a quick overview of the communication and status of individual documents.

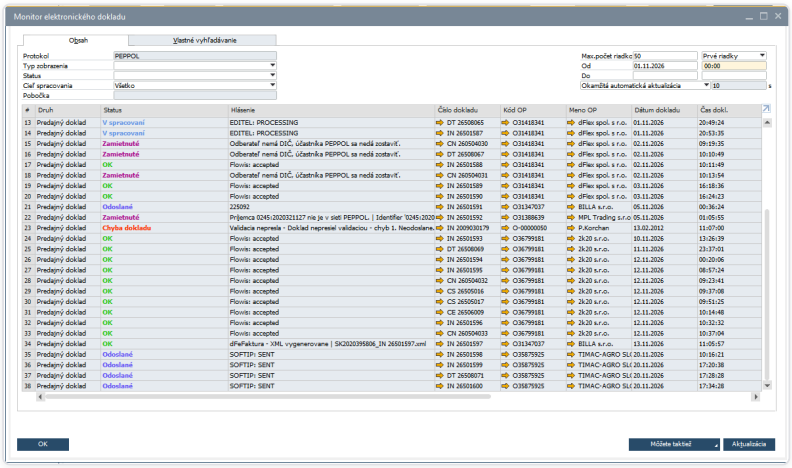

Figure 29 – Electronic document monitor

Double-click any record to see the history of the document.

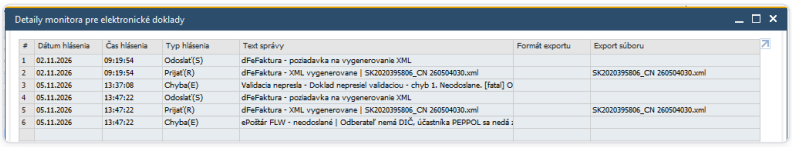

Figure 30 – Electronic document monitor details

Note

You can reach the same details directly from the document form – click the yellow arrow on the **Electronic Documents** (Elektronické doklady) tab.

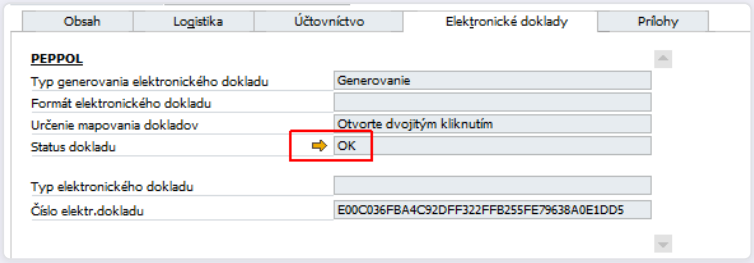

Figure 31 – Link to the monitor from the document

4.7 Mapper

The function is available with the separate eMapper module via **AB1A → eInvoices → Mapper** (AB1A → eFaktúry → Mapper). It allows standard SAP fields to be "remapped" to PEPPOL XML in a different way. It is intended for companies that need to send additional data not included in the extended PEPPOL format.

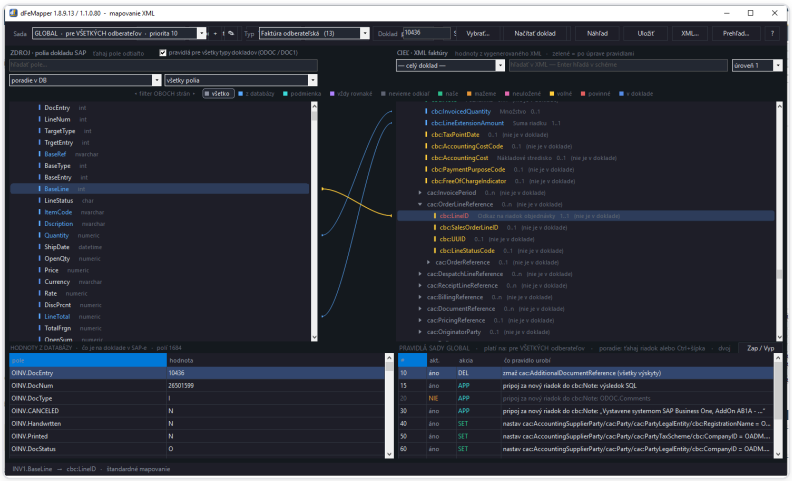

Figure 32 – Mapper

The Mapper runs as a separate application (outside the SAP client). The left part contains the SAP fields, the right part the PEPPOL XML structure. For a specific customer, you can change an existing mapping of an SAP field to an XML field or add a new mapping.