

# TECHNICAL REQUIREMENTS FOR INTERNET BANKING OF PPF BANKA A.S.

## Content:

<b>1. General information</b>	<b>1</b>
<b>2. Hardware requirements</b>	<b>1</b>
<b>3. Software requirements</b>	<b>1</b>
<b>4. Communication requirements</b>	<b>2</b>
<b>5. Data volumes processed</b>	<b>2</b>

## **1. General information**

- 1.1** Internet banking („IB“) is provided on the Website at <https://ibs.ppfbanka.cz>.
- 1.2** The current wording of the Technical Requirements and other documents relevant for IB is available at [www.ppfbanka.cz](http://www.ppfbanka.cz).

## **2. Hardware requirements**

- 2.1** To operate IB, a PC with a 32-bit (x86) or 64-bit (x64) processor with 1 GHz frequency is required.
- 2.2** The monitor of the PC must have a resolution of at least 800 x 600 pixels.

## **3. Software requirements**

- 3.1** IB can be operated in the desktop version of the Microsoft Windows operating system supported by the manufacturer:
  - Microsoft Windows 7 SP1 – support ends on January 14, 2020,
  - Microsoft Windows Server 2008 Service Pack 2 – support ends on January 14, 2020,
  - Microsoft Windows Server 2008 R2 Service Pack 1 – support ends on January 14, 2020,
  - Microsoft Windows 8 – support ends on January 10, 2023,
  - Microsoft Windows Server 2012,
  - Microsoft Windows 8.1 SP1,
  - Microsoft Windows Server 2012 R2,
  - Microsoft Windows 10.

**3.2** The Bank supports IB operations on the following web browsers (32-bit and 64-bit editions):

- MS Internet Explorer – versions supported by the manufacturer,
- Mozilla Firefox – supported by the manufacturer.

IB can also be operated on lower versions of MS Internet Explorer and Mozilla Firefox or using some other web browsers (e.g. Chrome, Edge and so on), in such a case the Bank does not guarantee the accurate operation of IB.

**3.3** A pdf file viewer is required to display Account statements.

**3.4** To submit Payment Orders in Batches we also recommend having software to generate the batch file in a format supported by the Bank. Supported formats are listed in the document File Formats.

#### **4. Communication requirements**

**4.1** Internet access is required for IB operation. The speed and quality of this internet connection must be sufficient to allow operations to be performed in IB within the set security time limits specified in the User Guide.

**4.2** Where restrictions are used for access to and communication with the internet (proxy servers, firewalls etc.), access to the website at <https://ibs.ppfbanka.cz/PPFIBS32/> must be allowed.

**4.3** The Bank does not deal with restrictions on the part of the Client.

**4.4** All communication runs in the TLS (Transport Layer Security) protocol. Communication is encrypted using security certificates, and so protected against eavesdropping, falsification and forgery.

#### **5. Data volumes processed**

**5.1** The IB service is mainly intended for small and medium-sized enterprises and for natural persons who do not process a large volume of Payment Transactions.

**5.2** The maximum size of imported batch with the bulk Payment order is 10 MB which approximately corresponds to the number of 20,000 items of Domestic Bulk Order (depending on the extent of details entered).