

# TECHNICAL REQUIREMENTS FOR HOMEBANKING 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. Database and data volumes processed</b> .....	<b>2</b>

## **1. General information**

- 1.1** Homebanking (“HB”) is provided via an application that the Clients install on their computers.
- 1.2** The current wording of the Technical Requirements and other documents relevant for HB is available at [www.ppfbanka.cz](http://www.ppfbanka.cz).

## **2. Hardware requirements**

- 2.1** To operate HB, an IBM PC compatible computer with the following minimum configuration is required:
  - (i) 60 MB of free space on the hard disk for HB installation,
  - (ii) 100 MB to 1GB of free space for the database (the database may require space in the order of gigabytes, depending on the quantity of data stored),
  - (iii) graphics adapter and monitor with Super VGA (800 x 600) resolution.
- 2.2** The monitor of the PC must have a resolution of at least 800 x 600 pixels.

## **3. Software requirements**

- 3.1** HB can be operated in the desktop version of the Microsoft Windows operating system supported by the manufacturer (32-bit and 64-bit editions):
  - Microsoft Windows 7 – 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,
  - Microsoft Windows Server 2012,
  - Microsoft Windows 8.1 SP1,
  - Microsoft Windows Server 2012 R2,
  - Microsoft Windows 10.

**3.2** The following software is also required:

- MS Internet Explorer 11.0,
- Microsoft .NET Framework – version 2.0 as minimum,
- a pdf file viewer in the case that Account statements are sent to HB in the pdf format.

**3.3** 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** The following is required for communicating with the Bank:

- internet access,
- an open TCP 2000 port, outbound,
- allowed http 80 port.

#### **5. Database and data volumes processed**

**5.1** The HB service can process a large volume of data. It is therefore primarily intended for small and medium-sized enterprises and large legal entities.

**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).

**5.3** Clients can select the database type, Microsoft Access or Microsoft SQL. The Bank supports the following versions of the above database applications:

- Microsoft Access 2010,
- Microsoft SQL, versions 2012 Service Pack 4 as minimum.