

Instructions for verifying software checksums (hash) for a Internet banking system

The software designed for money transfers using the Internet banking system is provided to customers of JSC «Denizbank Moscow» in two versions:

- as a web application available in the client's web browser using the downloadable BIFIT Signer application (versions for Windows x64/x86, Linux 64-bit, Mac OS) from the official BIFIT iBank2.ru web page;

- as PC-Banking software installed on the client's workstation, which is issued to the client on a CD-ROM directly at JSC «Denizbank Moscow» under the agreement between the client and JSC «Denizbank Moscow».

Before installing the downloadable BIFIT Signer web application and the installed PC-Banking software, in order to protect information, it is necessary to check the distribution checksum (hash) and compare it with the reference.

The distribution checksum can be checked using any checksum verification utility, for example, you can use the free File Checksum Integrity Verifier (FCIV) utility, which can be downloaded from the official Microsoft website. You can download it from the official Microsoft web page at: <https://support.microsoft.com/en-us/kb/841290>, which also describes the commands for managing the utility on the command line.

When using the FCIV utility to obtain a checksum as an MD5 hash type, you must enter the following command at a command line:

```
<path of utility>\fciv.exe -md5 < distribution path >
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Example: C:\FCIV\fciv.exe -md5 C:\Download\PC-Banking.exe

The results obtained must be compared with the reference values.

Software Checksum Reference Values:

For bifit_signer_host_8.6.exe (Windows x86/x64):

- MD5: 72bd79a727f8439982012e605e004did

For bifit_signer_host_8.6.pkg (Mac OS):

- MD5: cd827c65b52c5aa2a7526f3821c8e01a

For bifit_signer_host_8.6.run (Linux 64-bit):

- MD5: 81f198a2b230239fb9548645eb9bdfc

For PC-Banking.exe:

- MD5: 0c782012056d9d0dedade5e7136ee524

Reference checksums of distributions are also indicated on the official website of JSC «Denizbank Moscow» in the Security Notice section.

If the checksums do not match the reference, the client is prohibited from installing software. The fact of the mismatch of the checksum must be reported to the Information Security Service of JSC «Denizbank Moscow» by phone number: 8-(495)-725-10-20.