

Recommendation for information security

The participants of the exchange are recommended to apply the ISO/IEC 27002:2013 Information technology. Security techniques. Codes of practice for information security controls.

1.1 The SPFS participant shall implement information security measures in the following areas:

- ensuring information security in access control;
- ensuring protection of computer networks;
- monitoring the integrity and security of the information infrastructure;
- protecting against malicious code;
- preventing information leaks;
- managing information security incidents;
- protecting the virtualization environment.

1.2. The User shall elaborate documents that define the following:

- the procedure for preparing, processing, transmitting, and storing FMs and protected information in information infrastructure facilities of an SPFS exchange participant;
- the composition and procedure for technological measures of information security used to monitor the integrity and authenticate FMs at the stages of their preparation, reception, input, processing, and transmission;
- the procedure for the use of the CIPT and CIPT key information management;
- the CIPT shall be used to protect information in accordance with the technical documentation for the CIPT;
- the action plan for the continuity and recovery of activities related to the transmitting FMs;
- persons authorized to use the CIPT;
- persons responsible for ensuring the operation and security of the CIPT (users responsible for the CIPT);
- persons with the rights to manage cryptographic keys, including those responsible for generating cryptographic keys and ensuring the security of cryptographic keys.

2. The user shall maintain an archive of incoming and outgoing FMs signed with an electronic signature. Incoming and outgoing FMs shall be stored for no less than five years.

3. In financial messaging between the User and the Bank of Russia, FMs must be protected by using an electronic signature certificate with verification key provided by the Bank of Russia.