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Interfaces to Euroclear Finland's systems, Data Communications and Participant Systems

Decision by the CEO

To: Depository Participants
Settlement Members
Issuer Agents

Reference to Euroclear Finland Rules:	2.1.21
Entry into force:	7 May 2018
Supersedes:	The Decision on Interfaces to Euroclear Finland's systems, Data Communications and Party's systems in force as of 2 February 2015

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1 Scope of Application

This Decision shall apply to organisations applying for the status of a Settlement Member, Depository Participant or Issuer Agent and to organisations that have been granted said status. This Decision shall apply to Infinity and the systems connected thereto.

2 Purpose and Aims

This Decision shall determine the interfaces and data communication channels to be used by Participant systems, the main principles of exchanging electronic data and the system descriptions required from Participants. The purpose of this Decision is to safeguard the functional security, dependability and smooth operations of the Book-Entry System and to specify the descriptions and documentation each Participant is required to provide for the data systems connected to Euroclear Finland's systems.

MQ shall refer to the message-based transmission product which Euroclear Finland has selected for exchanging data across the software interfaces of its systems.

Software interface shall refer to the electronic interface of an application program belonging to Euroclear Finland's data system. Software interfaces allow participants to connect their own data systems to Euroclear Finland's systems for exchanging data with the relevant application in accordance with the associated interface description.

File transfer interface shall refer to an interface belonging to an application program provided by Euroclear Finland. The interface allows participants to deliver and receive information in accordance with the associated interface description.

3 Contents of the Decision

3.1 Data Exchange and Interfaces to Euroclear Finland's Systems

The principles to be complied with shall be such as they do not put different Participants in an unequal position in the exchange of data nor jeopardise the principle of competition neutrality.

Participants shall obtain an NCSD Network or SWIFTNet interface for connecting to Euroclear Finland's systems.

Application-specific interfaces shall be used for connecting Participant systems to Euroclear Finland's systems. Depending on the application, the interface can be either a file transfer interface used by an application provided by Euroclear Finland or a software interface.

Each Participant shall be responsible for the content and integrity of the data transmitted from its systems to the interfaces provided by Euroclear Finland. Each Participant shall also be responsible for the transmission of data until Euroclear Finland has successfully received it in accordance with the specifications of the relevant interface.

Each Participant shall connect to Euroclear Finland's systems across the applicable software interface using currently-valid message types and data communications channels.

3.2   Descriptions of Euroclear Finland's Interfaces

Euroclear Finland shall create descriptions of its data system interfaces. Each description comprises a brief functional description and descriptions of records or messages associated with the operation of the interface. Descriptions shall be delivered, in the English language, to Participants that have been approved as system users.

Each Participant shall keep the interface descriptions of Euroclear Finland's data systems with care and in accordance with the principles of data security.

3.3   Principles of Change Implementation in Euroclear Finland's Interfaces

Whenever a change will be made in Euroclear Finland's data system interfaces, a written notification thereof shall be delivered to application program users one (1) month in advance.

If there will be a major change in Euroclear Finland's data system interfaces, the written notification shall be delivered to application program users three (3) months in advance. If the change is minor and does not have an impact on message structuring, the change notification shall be delivered one (1) month in advance.

The operating principles of Euroclear Finland's systems may be changed on short notice only if the change does not affect data communications between a Participant and Euroclear Finland or if all Participants agree to a faster change implementation schedule.

3.4   Secure Data Exchange

Data exchange shall not expose Euroclear Finland's systems to fraudulent use or interruptions. Each Participant's Data System Owner shall be responsible for continuous monitoring of connections to ensure that technical failures, errors and unauthorised access attempts are detected as soon as possible.

The principles and requirements for secure data exchange are defined in further detail in a separate data security rules document.

3.5   Dependability of Data Exchange

Sufficient safeguards shall be incorporated in the data exchange process to ensure that the availability of the main functions of Euroclear Finland's systems will not be jeopardised due to a faulty or damaged piece of hardware, communications channel or other component participating in data exchange.

Particular attention shall be given to the backup arrangements of local cable connections, routers and other equipment used for connecting the relevant Participant's LAN to the telecom operator's service network.

If a Participant system connected to Euroclear Finland's systems consists of several interconnected subsystems and the software in these subsystems is changed, the relevant Participant shall take special care to ensure the integrity of data communications between these subsystems. The communications between these systems shall be compliant with the principles provided herein and in a separate data security rules document.

3.6 Functional Description of a Participant Data System

Each Participant shall furnish Euroclear Finland with a functional description of its data system.

This description shall provide an account of the main functional logic underlying the system, including its subsystems and their tasks as well as the system's connections to other data processing functions employed by the Participant. The description shall also indicate the system's service hours and the services utilised in the system across the provided interface, as well as each system's Data System Owner.

Additionally, each Participant shall provide an up-to-date description of its data security solutions and continuity plans.

3.7 Technical Overview of a Participant's Data System Solution

When connecting their systems to Euroclear Finland's software interface, each Participant shall provide a technical overview of the system solutions that will be directly linked to Euroclear Finland's systems. A description is not required for systems that are connected solely through a file transfer interface belonging to the application software provided by Euroclear Finland.

3.8 Maintenance Plans

Each Participant shall provide an account of their practical service and maintenance arrangements for both hardware and application software. The description shall provide a basic overview of the maintenance principles used, the organisation of the employees responsible for maintenance as well as the responsibilities of third parties involved in service and maintenance.

3.9 Maintaining Descriptions

In the event of significant changes in a Participant's data systems or solutions, the Participant shall update the descriptions that have been delivered to Euroclear Finland pursuant to this Decision. The Participant shall notify Euroclear Finland of any material changes in advance, provided that the changes will have an effect on the data connections or services used by the Participant.

3.10 Participants Acting Solely on their Own Behalf

The CEO of Euroclear Finland may grant a Participant acting solely on its own behalf permission to act in derogation of the requirements set forth in this Decision where this is possible without jeopardising the reliability of the entire Book-Entry System.

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