

---

## **Implementation Regulations of Eurex Deutschland and Eurex Zürich Concerning Technical Equipment**

### **1 Definitions**

(...)

#### **1.3 Connection Alternatives**

Exchange Participants may choose to be connected to the Eurex system either via dedicated lines with data channels of a bandwidth of ~~64-256~~ kbps or via ~~the~~ Internet (or by using a connection combining dedicated lines and Internet). If the Exchange Participant is connected to the Eurex system via the Internet, the data throughput of such connection shall be restricted to ~~64-256~~ kbps. ~~A connection to the Eurex system via a dedicated line may also be a Multi-Channel Connection. A Multi-Channel Connection consists of four individual data lines, each such individual line having a bandwidth of 64 kbps.~~

Exchange Participants with the clearing status of a Direct Clearing Member (DCM) and General Clearing Member (GCM) must be connected to the Eurex system via at least one connection based on a dedicated line and one backup connection.

(...)

### **7 Transmission Alternatives for Telecommunication**

#### **7.1 Dedicated Lines**

##### **7.1.1 Control of Dedicated Lines**

The Eurex Exchanges shall control the dedicated lines for the entire physical Network of the Eurex Exchanges. Installation and operation of the dedicated lines for telecommunications which are necessary for the connection between the Participant Front End Installation and the Eurex Exchanges shall be carried out by the Eurex Exchanges or may be contracted out by the Eurex Exchanges.

##### **7.1.2 Range of Dedicated Lines**

The Eurex Exchanges shall make available a connection to the location of the Exchange Participant. The precondition for this is that the transmission paths and types of connection supported by the Eurex Exchanges are available for an Exchange Participant and, under normal conditions and adequate expense, able to be established and operated while ensuring that the security and quality standards set forth by the Eurex Exchanges are attained.

---

### 7.1.3 Integration into Network of the Eurex Exchanges

The Eurex Exchanges decide to which access point a dedicated line shall be connected.

### 7.1.4 Security Against Failure

In order to improve security against failure, locations connected to the Eurex system via a dedicated line must have at least one backup connection via an additional dedicated line or via the Internet. ~~Locations connected to the Eurex system via a dedicated line with the configuration of a Multi-Channel Connection must also have one backup connection via an additional dedicated line with the configuration of a Multi-Channel Connection.~~

### 7.1.5 Number of Dedicated Lines

Differing from the above regulations, the Boards of Management of the Eurex Exchanges can set a minimum and maximum number in respect of the dedicated lines which an Exchange Participant has applied for to have its Participant Front End Installation connected to the system of the Eurex Exchanges, to the extent that such action is necessary for reasons relating to system performance or for other reasons. ~~No more than one Multi-Channel Connection plus one backup connection may be installed at each Exchange Participant's location.~~

(...)

## 9 Emergency Plan

### 9.1 Responsibility

Each Exchange Participant is responsible for taking appropriate measures for emergency planning and management.

### 9.2 Emergency Computer Center

It is optional for the Exchange Participant to establish an inactive emergency computer center (computer failure center) and, if necessary, to connect this center with an ~~inactive~~ line to an access point. The costs incurred by the Eurex Exchanges shall in such case be charged to the Exchange Participant.

### 9.3 Connection Between Two Locations

If an Exchange Participant operates at two or more locations, it may equip any two locations with a connection in order to ensure breakdown protection in the event of a disruption of the connection between one location and an access point.

(...)

---