



## Resolution No. 383/2019 Chief Executive Officer of the Budapest Stock Exchange Ltd.

Budapest, November 14, 2019

The Chief Executive Officer of the Budapest Stock Exchange Ltd upon the authorization set out in Section 3.3. of Book Three of the “Regulations on the Technical Connection to the Exchange Trading Systems” (hereinafter: Regulations), specifies the methods of connecting to the Exchange Trading Systems, and defines the applicable network and other IT devices and systems as follows:

For the BSE trading systems the following technical connection methods are available:

- Members using the Xetra trading system have the option to connect to a Xetra Access Point directly or can connect to the system via an “Authorized Service Provider” (ASP)
- The following connections are required to connect to Xetra trading system via BSE or MMTS2 trading system:

Provider	BSE site	Line type
Invitel T-Systems	Primary Budapest Szabadság tér 7. computer room (Bank Center)	Layer2 (L2)
	Secondary Budapest Mártonffy utca 25-27. (Giro data-park)	Layer3 (L3), or DSL

- For connecting to the MMTS2 trading system, Members outside Hungary can also use VPN connection.
- If Members use CEE Trader and/or Webtrader frontend software exclusively via the Internet, then they don't need to maintain the above communication lines. (The Internet connection cost is transferred to the Member.)
- Recommended router models are: CISCO 4321, 4331
- Recommended bandwidth/session for each interface:

Interface	Bandwidth / session (kbps)
WebTrader	64 kbit/s
CEESEG FIX	Market data=128 kbit/s Trading (Trading data+Market data) = 192 kbit/s Quotation=64 kbit/s Combined= 256 kbit/s
CEE Trader	64 kbit/s
ETI	64 kbit/s
MDI	64 kbit/s
MMTS I Trader Workplace	64 kbit/s
MMTS II Trader Workplace	64 kbit/s
Derivatives market K2 (MMTS II)	64 kbit/s

This resolution shall come into force on 2 December 2019 and repeals resolution no. 223/2015.

Important notice:

All information contained within this material is for information purposes only and shall not be considered an official translation of the CEO Resolution referred to herein. This document does not include the integral wording of the CEO Resolution referred to herein. The original Hungarian language version of the CEO Resolution referred to herein remains the sole legally binding material in the subject matter.