



**London**  
Stock Exchange

# London Stock Exchange Group

## Market Data Bandwidth Profiles

Issue 5.0

October 2014



**London**  
Stock Exchange Group



# Contents

---

---

1.0	Bandwidth Projections	5
2.0	Circuit Recommendations	5

---

The London Stock Exchange Group plc (the "Group") has attempted to ensure that the information in this document is accurate, however the information is provided "AS IS" and on an "AS AVAILABLE" basis. The Group does not guarantee the accuracy, timeliness or completeness of this document or any of the information in it. The Group may vary this document from time to time at its discretion and will provide notification of such variations via its Service Announcements.

---

## 1.0 Bandwidth Projections

In order to provide greater transparency and assist our clients in future capacity planning, London Stock Exchange Group has published market data bandwidth figures. The table below includes current indicative bandwidth for each of the service. Bandwidth profiles are reviewed regularly and will be updated according to change in requirements.

These profiles are based on an aggregated model, which analyses data at a **inter-second** and **intra-second** level (Mb/s). The model is based on historical data which identifies peaks across all of the markets currently supported by the Group. Clients subscribing to Turquoise will only be receiving optimised data and clients subscribing to Milan data will only receive standard data delivery.

The key to the bandwidth profile:

- **Inter-second highlighted in black**
- **Intra-second peaks for standard data delivery highlighted in blue**
- **Intra-second peaks for optimized data delivery highlighted in green**

LSE L2/ITCH All Equity	GTP LSE (phase 1)	Milan L2/ITCH	GTP Milan (phase 1)	Oslo + Burgundy L2	Oslo + Burgundy L1	Oslo + Burgundy Total Bandwidth	Turquoise Bandwidth	LSEDM/OSLO Derivatives	SOLA IDEM	All Markets (Excl. Sola Derivatives – TCP based) <sup>1</sup>
34.01		15.57		6.8	3.29	10.1	66.83	10	18	146.05
<b>170.06</b>	<b>100</b>	<b>77.86</b>	<b>100</b>	<b>34.01</b>	<b>16.47</b>	<b>50.48</b>	<b>668.26</b>	<b>100</b>	<b>100</b>	<b>651.27</b>
<b>340.12</b>	<b>100</b>	<b>77.86</b>	<b>100</b>	<b>68.02</b>	<b>16.47</b>	<b>50.48</b>	<b>668.26</b>	<b>100</b>	<b>100</b>	<b>1014.01</b>

---

## 2.0 Circuit Recommendations

Based on the bandwidth projections above, customers subscribing to all markets via our standard data delivery will require a 1Gb circuit. Customers subscribing to all our markets via our optimized data delivery should plan for connectivity in excess of 1Gb.

Connectivity options are available by contacting:

[Connectivity@LSEG.COM](mailto:Connectivity@LSEG.COM)

Tel: +44 (0) 20 7797 3211

---

<sup>1</sup> All Markets do not peak at the same time, and this has been reflected in the All Markets Total Bandwidth calculation.

---

Copyright © October 2014 London Stock Exchange plc. Registered in England and Wales No. 2075721. London Stock Exchange plc has used all reasonable efforts to ensure that the information contained in this publication is correct at the time of going to press, but shall not be liable for decisions made in reliance on it. London Stock Exchange and the coat of arms device are registered trade marks of London Stock Exchange plc.

---

## London Stock Exchange

10 Paternoster Square  
London EC4M 7LS  
T: +44(0) 20 7797 1000

Company Details

---



**London**  
Stock Exchange