

TRADELOGIQ MARKETS INC.

Omega ATS and Lynx ATS (“Lynx Periodic Match”)

Connectivity Guide

v. 1.0.1

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1. REVISION HISTORY

Date	Revision	Description of Change
August 1, 2025	1.0.0	Initial Version
March 25, 2026	1.0.1	Updated 4. Bandwidth Requirements

2. PURPOSE

The Tradelogiq Markets Inc. (“TMI”) Connectivity Guide provides technical information on how to connect to our Production and GTE environments, including information regarding relevant agreements, key contacts, location details and other specifics that may be required to provision communication lines.

Both the Production and GTE environments are located within Equinix’s TR1 and TR2 data centers in Toronto.

TMI supports FIX 4.2 order entry and offers a multicast market data feed. Clients can select their preferred method of Production connectivity and access arrangements for order entry, drop copies and market data gateways.

TMI is the operator of two alternative trading systems (ATSs), Omega ATS and Lynx ATS, which is also referred to as Lynx Periodic Match. Both ATSs trade all Canadian listed securities (TSX, TSXV, CSE and Cboe Canada).

2.1 Services Offered

- **Order Entry:** Order entry access is available to TMI subscribers, which are all CIRO dealer members. This service provides subscribers with the ability to submit and execute trades within TMI’s trading engine.
- **Multicast Market Data Feeds:** A real-time broadcast feed service that includes all trades, bid/offer information, and all committed orders for securities traded on Omega ATS and Lynx Periodic Match.
- **FIX Drop Copy:** A FIX drop copy feed is available to subscribers and third parties permissioned by subscribers to stream a copy of public and private portions of messages on a specified FIX session. This service can also be used to feed downstream applications such as risk systems and to support back-office activities.

3. PRODUCTION CONNECTIVITY

3.1 Connection Details

TMI offers access to its services from its Toronto data centre locations. Single Mode Fiber (1 and 10 Gigabyte) connectivity is offered at each of the following hosting facilities:

Primary	Secondary
TR2 Equinix 45 Parliament Street Toronto, Ontario M5A 2Y5	TR1 Equinix 151 Front Street Toronto, Ontario M5J 2N1

TMI supports the following Production connectivity methods:

- **Cross-Connects:** Subscribers and access vendors at the Equinix data centres may request cross-connects from their Point of Presence (PoP) to TMI.
- **Extranet Providers:** TMI supports a number of extranet providers, which are listed on the TMI website [Connectivity page](#). Please reach out to the provider directly to arrange connectivity to TMI.

3.2 Production Hours of Operation

Omega	
Session/Message	Time
System Startup	04:50
Stock Directory Messages	05:00
Open	08:00
Close	17:00
System Shutdown	20:00

Lynx Periodic Match	
Session/Message	Time
System Startup	04:50
Stock Directory Messages	05:00
Open	09:30
Close	16:00
System Shutdown	20:00

4. GTE CONNECTIVITY

4.1 Connection Details

The TMI GTE is available for testing purposes. Production clients can request access through the above hosting facilities. Clients can also connect via the internet using our public address by providing the Operations team the public IP address from which their traffic will be sourced. Users should also identify which services they wish to access by providing a technical contact and completing the applicable GTE sections for GTE access in the [Connectivity Services and Market Data Access Request / Change Form](#) accessible on the TMI website.

4.2 GTE Hours of Operation

For client convenience both Omega and Lynx Periodic Match open and close at the same time in GTE.

Omega/Lynx Periodic Match	
Session/Message	Time
System Startup	05:00
Stock Directory Messages	05:05
Open	07:00
Close	21:30
System Shutdown	22:15

5. BANDWIDTH REQUIREMENTS

The table below provides the current bandwidth guidelines for our Production Multicast Market Data Feed.

Multicast Market Data Feed	Bandwidth Guidelines <i>as of March 25, 2026</i>
Omega	70 Mb/s
Lynx	40 Mb/s

Bandwidth requirement for order entry depends on the order flow submitted to TMI. In general, ~400 messages per second equate to 1 Mb/s.

6. TECHNICAL SPECIFICATIONS

The following technical documents are available on our website on the [Market Data](#) and [Connectivity](#) pages. Please email operations@tradelogiq.com if you have any questions.

- **Order Entry** – Tradelogiq FIX Specifications
- **Multicast Market Data Feed**
 - Tradelogiq Level 2 Market Data ITCH 5.0 Specification
 - Tradelogiq QTP Specification
 - Tradelogiq Soup Specification
 - Tradelogiq Snapshot Recovery Specification

7. AGREEMENTS AND FORMS

To access TMI trading and market data services, subscribers, vendors and market data clients must submit the appropriate TMI agreements and forms for the requested access methods and intended usages.

Agreements and forms can be accessed through the website on the [Subscriber](#), [Connectivity](#) and [Market Data](#) pages.

8. PRODUCTION BUNDLES

Production bundles (sign-on credentials for dedicated sessions) will be assigned by the TMI Operations team following the completion of the required tasks below.

- Certification of the FIX gateway
- Testing of connectivity to the Production system
- Completion/execution of all appropriate TMI forms and agreements

8.1 Order Entry and Drop Copy

8.1.1 Production Order Entry and Drop Copy

Production: TR2 Equinix	Production: TR1 Equinix
Order Entry 176.67.248.59 Port(s): 8989, 8990	Order Entry 176.67.248.35 Port(s): 8989, 8990
Drop Copy 176.67.248.57 Port 8999	Drop Copy 176.67.248.33 Port 8999

8.1.2 GTE Order Entry and Drop Copy

GTE: TR2 Equinix	GTE: TR1 Equinix	GTE: Via Internet
Order Entry 176.67.248.61 Port(s): 8989, 8990	Order Entry 176.67.248.37 Port(s): 8989, 8990	Order Entry 76.74.140.227 Port(s): 8989, 8990
Drop Copy 176.67.248.61 Port 8999	Drop Copy 176.67.248.37 Port 8999	Drop Copy 76.74.140.227 Port 8999

8.2 Production Multicast Feeds

8.2.1 Production Multicast – Omega ATS

Production: TR2 Equinix	Production: TR1 Equinix
Multicast Side A 233.223.59.100 Port 3550	Multicast Side A 233.223.59.100 Port 3550
Multicast Side B 233.223.59.101 Port 3551	Multicast Side B 233.223.59.101 Port 3551
RP Side A 176.67.248.81/32 RP Side B 176.67.248.89/32	RP Side A 176.67.248.81/32 RP Side B 176.67.248.89/32
Source IP Side A 176.67.248.2/29 Source IP Side B 176.67.248.10/29	Source IP Side A 176.67.248.2/29 Source IP Side B 176.67.248.10/29
Recovery IP 176.67.248.58/32	Recovery IP 176.67.248.83/32
UDP Retransmission Port 55811/UDP Target Port 55812/UDP Response	UDP Retransmission Port 55811/UDP Target Port 55812/UDP Response
Snapshot TCP Port 55813/TCP	Snapshot TCP Port 55813/TCP

8.2.2 Production Multicast – Lynx Periodic Match

Production: TR2 Equinix	Production: TR1 Equinix
Multicast Side A 233.223.59.102 Port 3552	Multicast Side A 233.223.59.102 Port 3552
Multicast Side B 233.223.59.103 Port 3553	Multicast Side B 233.223.59.103 Port 3553
RP Side A 176.67.248.81/32 RP Side B 176.67.248.89/32	RP Side A 176.67.248.81/32 RP Side B 176.67.248.89/32
Source IP Side A 176.67.248.2/29 Source IP Side B 176.67.248.10/29	Source IP Side A 176.67.248.2/29 Source IP Side B 176.67.248.10/29
Recovery IP 176.67.248.58/32	Recovery IP 176.67.248.83/32
UDP Retransmission Port 55821/UDP Target Port 55822/UDP Response	UDP Retransmission Port 55821/UDP Target Port 55822/UDP Response
Snapshot TCP Port 55823/TCP	Snapshot TCP Port 55823/TCP

8.3 GTE Multicast Feeds

The GTE IP and Ports details are provided below.

8.3.1 GTE Multicast – Omega ATS

GTE: TR2 Equinix	GTE: TR1 Equinix
Multicast Side A 233.223.59.210 Port 3120	Multicast Side A 233.223.59.210 Port 3120
Multicast Side B 233.223.59.211 Port 3121	Multicast Side B 233.223.59.211 Port 3121
RP Side A 176.67.248.81/32 RP Side B 176.67.248.89/32	RP Side A 176.67.248.81/32 RP Side B 176.67.248.89/32
Source IP Side A 176.67.248.3/29 Source IP Side B 176.67.248.11/29	Source IP Side A 176.67.248.3/29 Source IP Side B 176.67.248.11/29
Recovery IP 176.67.248.60/32	Recovery IP 176.67.248.84/32
UDP Retransmission Port 55611/UDP Target Port 55612/UDP Response	UDP Retransmission Port 55611/UDP Target Port 55612/UDP Response
Snapshot TCP Port 55613/TCP	Snapshot TCP Port 55613/TCP

8.3.2 GTE Multicast – Lynx Periodic Match

GTE: TR2 Equinix	GTE: TR1 Equinix
Multicast Side A 233.223.59.212 Port 3122	Multicast Side A 233.223.59.212 Port 3122
Multicast Side B 233.223.59.213 Port 3123	Multicast Side B 233.223.59.213 Port 3123
RP Side A 176.67.248.81/32 RP Side B 176.67.248.89/32	RP Side A 176.67.248.81/32 RP Side B 176.67.248.89/32
Source IP Side A 176.67.248.3/29 Source IP Side B 176.67.248.11/29	Source IP Side A 176.67.248.3/29 Source IP Side B 176.67.248.11/29
Recovery IP 176.67.248.60/32	Recovery IP 176.67.248.84/32
UDP Retransmission Port 55621/UDP Target Port 55622/UDP Response	UDP Retransmission Port 55621/UDP Target Port 55622/UDP Response
Snapshot TCP Port 55623/TCP	Snapshot TCP Port 55623/TCP

9. CONTACTS

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