Nordic Growth Market
Boerse Stuttgart Group

Elasticia Connectivity and Technical Service Price List
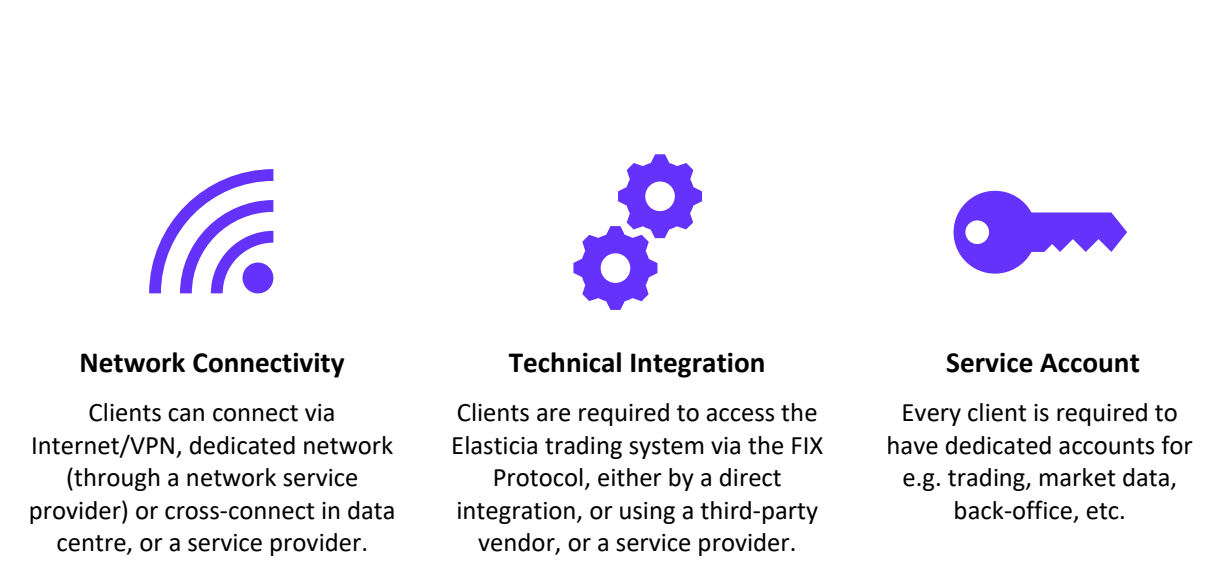
Valid from January 1, 2025.

Overview

This document describes the technical services offered by NGM for the Elasticia trading system. All prices listed in this document are in SEK, excluding VAT.

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1.   Introduction

Nordic Growth Market (NGM) AB offers access to the Elasticia trading system. A client may access the system either directly or by using a third-party access solution (a service provider[1] approved by NGM).

Below picture illustrates how to connect to the system and setup service accounts.

Network Connectivity

Clients can connect via Internet/VPN, dedicated network (through a network service provider) or cross-connect in data centre, or a service provider.

Technical Integration

Clients are required to access the Elasticia trading system via the FIX Protocol, either by a direct integration, or using a third-party vendor, or a service provider.

Service Account

Every client is required to have dedicated accounts for e.g. trading, market data, back-office, etc.

For communication with the Elasticia trading system, the Elasticia FIX Protocol is used. Participants can integrate directly with the Elasticia trading system, or they can utilize products from independent software providers, or using a service provider governing the entire integration (SaaS). All systems that are to access the Elasticia trading system must first have been tested for conformity and approved by NGM.

Clients wishing to connect via a service provider should inquire the service provider about options and fees for network connectivity, technical access, and accounts. For the avoidance of doubt, the service provider covers the network connectivity, technical access, and the service account setup (i.e. on behalf of services).

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[1] Service providers are referred to the "Elasticia Service Provider Price List".

2. Network Connectivity

As a member, service provider, independent software vendor or market data vendor, you have the following options to connect to NGM's trading system Elasticia. Connectivity to NGM's both data centers is required.

Internet/VPN	**Dedicated network**	**Data centre cross-connect**
Clients can use Internet over VPN for both production and testing environments.	Clients can connect using a dedicated network to NGM's infrastructure. NGM works with major network service providers (NSPs) such as BT Radianz, Colt, Option-IT (Fixnetix), Iress (QuantHouse), ICE Data Services, TNS, and Verizon (VFN).	Clients who already have (or would like to order) space in the data centre can cross-connect to NGM directly.
Plain Internet is only available for the Elasticia Trading Client in the production environment.		

The following fees are what NGM will charge, separately from the Network Service Provider.[2]

| Network Connectivity
in production | Installation | Price
(monthly) |
|---|---|---|
| Plain Internet, up to 15 Mbps | 4,500 | 3,100 |
| *Additional capacity (per additional 15 Mbps)* | | 3,100 |
| Internet/VPN, up to 15 Mbps | 9,000 | 4,400 |
| *Additional capacity (per additional 15 Mbps)* | | 4,400 |
| Dedicated network, any bandwidth | 7,500 | 1,700 |
| Data centre cross-connect | 24 000[3] | 6,000 |

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[2] Please refer to the document "Network Connectivity in Elasticia" for information on bandwidth requirements and the different network connectivity options. The costs for dedicated network and cross-connect in data center given above are the costs that NGM will charge, separately from the network service provider.
[3] Installation fee covers test network installation as well.

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3. Trading Accounts

Trading participants can choose from different order entry accounts depending on their specific needs. All trading and quoting accounts include market data and reference data. Trade reporting is included in these accounts, as well as receiving trade confirmations.

The trading accounts are charged by type and inbound throughput (messages per second, msgs/s). Throughput starts at 100 msgs/second.

Account type	Max inbound msgs/s	Price (monthly)
Trading Account	100	7,200
Per additional 100 msgs/s		3,500
Quoting Account[4]	50	8,000
	<= 250	10,800
	<= 500 msgs/s	14,500
Per additional 500 msgs/s		4,800
Trading Account functionality add-on		3,000
Elasticia Trading Client (Trading & Quoting)[5]		2,100
Elasticia Trading Client (Viewer)		1,100
Account change/modification		3,000 / change

Please note:

Clients accessing Elasticia trading system via third-party service provider (i.e. on behalf of execution), are subject to fees as per the "Elasticia Service Provider Price List".

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[4] Quoting Account – Account for market makers with the possibility to use the quote validation functionality.
[5] The Elasticia Trading Client is a product to facilitate easy and cheap access for participants with a limited amount of trading in the market. The trading client offers very basic functionality. Please note that connectivity for the Elasticia Trading Client is only available via plain internet.

4.   Market Data Accounts

Market data is the public data provided by the Elasticia trading system. This includes orders for all levels of the orderbooks as well as instrument data and corporate actions. The same data that is provided to the market data account is included in the trading and quoting accounts.

Market Data Account	Price (monthly)
Market Data Account[6]	5,500
Reference Data Account	5,000

5.   Back-Office Account

Trade confirmations are received through the back-office account.

Back Office Data Account	Price (monthly)
Back-Office Data Account[7]	2,300

Please note:

Clients accessing back-office via third-party service provider (i.e. on behalf of back-office), are subject to fees as per the "Elasticia Service Provider Price List".

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[6] Market Data is the public data provided by the Elasticia trading system. This includes orders for all levels of the orderbooks as well as instrument data and corporate actions. The same data that is provided to the market data account is included in the trading and quoting accounts. A market data account also includes the data provided by a reference data account.

[7] A back-office data provider connects to the trader groups of its customers. Included in the back-office data are the trader groups' private orders and trades. If market or reference data is needed, please see market data accounts.

6. HTTP Market Data API Accounts (MDAPI)

MDAPI is a HTTP interface for fetching of data from Elasticia:

- Instrument detail data
- Level 1 market data
- Closing prices
- Trades

Support for special (not standard) formats of the data provisioned is evaluated on request. Development of custom service is evaluated upon request.

MDAPI	Price (monthly)
Per Standard Service	4,000
Ticker Service for Listed Companies[8]	1,100

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[8] The ticker service is limited to the listed company's own securities and has a maximum polling rate of 5 updates per minute.

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7.   Test Accounts

As a member, service provider, independent software vendor or market data vendor, you have the following options to connect to NGM's test system environment.

The following fees are what NGM will charge, separately from the network service provider (NSP).

Network Connectivity – Test environment	Installation	Price (monthly)
Plain Internet	4,000	2,000
Internet/VPN	7,800	3,000
Dedicated network	6,900	1,000
Data centre cross-connect	0[9]	3,500

A test account enables the user to test trading, quoting and market data in the Elasticia test environment.

Test Account	Price (monthly)
Test Account (bundles of 5 accounts)	1,500[10]
Any of the following account types:	
- Trading Account	
- Quoting Account	
- Market Data Account	
- Back-Office Account	
Elasticia Trading Client	300
MDAPI	1,500

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[9] Test network installation is included in the production network installation.
[10] Per bundle of test accounts. Any combination of trade account, quote account, market data account and back-office account.

8.   Additional Services

Proximity Hosting

NGM offers the possibility to host equipment in the same locations as NGM. Clients can contact the co-location providers themselves and arrange for proximity or contact NGM Support if interested in this option.

Special Services

NGM can help clients with special requests, such as setting up special solutions for provisioning of data. You are welcome to contact us with your requests, and we will see if we are able to provide you with a solution.

Off Hours Support Rates

Basic support during the NGM market opening hours is included in the rates specified for the different services above. NGM can also assist customers outside of business hours, including weekends, but then an hourly fee is charged. Off hours support should always be booked in advance with NGM Technical Support.

Service	Rate
Support service, off hours	2,700 SEK /commenced hour

Unless the service commences immediately after normal support hours, the minimum charge for off hours support is 2 hours.

Contact Information

NGM Technical Support

+46 (0)8 566 390 60

Support Portal:
https://support.ngm.se

support@ngm.se