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PREFACE

PURPOSE

This document provides the details that will allow customers to perform the mandatory connectivity telnet tests to Optiq Order Entry Gateway (OEG) in Production and Disaster Recovery.

TARGET AUDIENCE

The intended audience of this document is any customer intending to use Optiq order entry for Euronext Markets.

This document is for informational purposes only, and should be consulted alongside its associated documents outlined below.

WHAT'S NEW?

The following lists only the most recent modification made to this revision/version.

REVISION NO./ VERSION NO.	DATE	AUTHOR	CHANGE DESCRIPTION
1.1	23 Oct 2020	Euronext	Second Update – correction of DR IP for W&C
1.2	29 Oct 2021	Euronext	Adding 1 Warrants partition configuration and document update to include Bourse De Luxembourg segment
3.0	November 2021	Euronext	New target specifications of the new Euronext Data Centre in Aruba Bergamo ITALY
5.16.0	Nov 2022	Euronext	Addition of Current EUA IPs

ASSOCIATED DOCUMENTS

The following lists the associated technical documents, which either should be read in conjunction with this document or which provide other relevant information for the user:

- [Euronext Markets – Optiq OEG Connectivity Specifications](#)

CONTACT

Please find below the contact details:

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1. TELNET CONNECTIVITY TESTS

Telnet connectivity testing for the Order Entry Gateway (OEG) is a part of the overall testing for Euronext Markets. This step can be a pre-requisite for participating in Dress Rehearsal weekends or new member onboarding. The purpose of this test is to perform a telnet to validate the route from the customer’s IP address(es) to Euronext Markets’ Optiq OEGs in each environment.

The IP addresses and ports for the OEG connectivity telnet tests are provided in the table below.

Important: The table below indicates the IP addresses. However, clients are strongly advised to obtain the IP addresses of each partition provided in the standing data file on a daily basis.

As a reminder, standing data files are made available on a daily basis via the Euronext File Service (EFS).

See *Euronext Markets – Optiq File Specifications* and *Euronext File Services User Guide* on [IT documentation](#) page for more details.

1.1 IP ADDRESSES FOR CONNECTIVITY TESTING SETUP ON EURONEXT MARKETS

Production and Disaster Recovery (DR) environments

The table below provides the overall list of IP addresses, and ports dedicated for testing, for the Production and Disaster Recovery (DR) environments. This connectivity information will be in use for telnet tests for the Euronext Markets on the Optiq platform.

The table provides the time period during which these telnet tests may be conducted by clients. *The table provides times expressed in CET (Central European Time).*

Cash Markets						
Application	Segment	Partition ID	Environment	When	IP	Port
OEG	Equities	10	PROD	00:05 to 23:50	212.107.95.2	45000
OEG	Equities	11	PROD	00:05 to 23:50	212.107.95.5	45000
OEG	Equities	12	PROD	00:05 to 23:50	212.107.95.8	45000
OEG	Equities	13	PROD	00:05 to 23:50	212.107.95.11	45000
OEG	Funds (ETFs)	20	PROD	00:05 to 23:50	212.107.95.14	45000
OEG	Fixed Income (Bonds)	30	PROD	00:05 to 23:50	212.107.95.20	45000
OEG	Warrants and Certificates	40	PROD	00:05 to 23:50	212.107.95.23	45000
OEG	Warrants and Certificates	41	PROD	00:05 to 23:50	212.107.95.47	45000
OEG	Block	140	PROD	00:05 to 23:50	212.107.95.60	45000
OEG	Bourse De Luxembourg	50	PROD	00:05 to 23:50	212.107.95.17	45000
DropCopy	Drop Copy Gateway 1	990	PROD	00:05 to 23:50	212.107.95.66	45000
DropCopy	Drop Copy Gateway 2	991	PROD	00:05 to 23:50	212.107.95.67	45000

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DropCopy	Drop Copy Gateway 3	992	PROD	00:05 to 23:50	212.107.95.68	45000
DropCopy	Drop Copy Gateway 4	993	PROD	00:05 to 23:50	212.107.95.69	45000

Cash Markets						
Application	Segment	Partition ID	Environment	When	IP	Port
OEG	Equities	10	DR	00:05 to 23:50	212.197.254.1	45000
OEG	Equities	11	DR	00:05 to 23:50	212.197.254.3	45000
OEG	Equities	12	DR	00:05 to 23:50	212.197.254.4	45000
OEG	Equities	13	DR	00:05 to 23:50	212.197.254.5	45000
OEG	Funds (ETFs)	20	DR	00:05 to 23:50	212.197.254.7	45000
OEG	Fixed Income (Bonds)	30	DR	00:05 to 23:50	212.197.254.6	45000
OEG	Warrants and Certificates	40	DR	00:05 to 23:50	212.197.254.9	45000
OEG	Warrants and Certificates	41	DR	00:05 to 23:50	212.197.254.10	45000
OEG	Block	140	DR	00:05 to 23:50	212.197.254.16	45000
OEG	Bourse De Luxembourg	50	DR	00:05 to 23:50	212.197.254.13	45000
DropCopy	Drop Copy Gateway 1	990	DR	00:05 to 23:50	212.197.254.12	45000
DropCopy	Drop Copy Gateway 2	991	DR	00:05 to 23:50	212.197.254.26	45000
DropCopy	Drop Copy Gateway 3	992	DR	00:05 to 23:50	212.197.254.27	45000
DropCopy	Drop Copy Gateway 4	993	DR	00:05 to 23:50	212.197.254.28	45000

Derivatives Markets						
Application	Segment	Partition ID	Environment	When	IP	Port
OEG	Commodities	80	PROD	00:05 to 23:50	212.107.95.29	45000
OEG	Equity Derivatives	120	PROD	00:05 to 23:50	212.107.95.38	45000
OEG	Equity Derivatives	121	PROD	00:05 to 23:50	212.107.95.41	45000
OEG	Equity Derivatives	122	PROD	00:05 to 23:50	212.107.95.35	45000
OEG	Index Derivatives	110	PROD	00:05 to 23:50	212.107.95.32	45000
DropCopy	Drop Copy Gateway 1	980	PROD	00:05 to 23:50	212.107.95.72	45000
DropCopy	Drop Copy Gateway 2	981	PROD	00:05 to 23:50	212.107.95.73	45000
DropCopy	Drop Copy Gateway 3	982	PROD	00:05 to 23:50	212.107.95.74	45000
DropCopy	Drop Copy Gateway 4	983	PROD	00:05 to 23:50	212.107.95.75	45000
OEG	Commodities	80	DR	00:05 to 23:50	212.197.254.25	45000
OEG	Equity Derivatives	120	DR	00:05 to 23:50	212.197.254.20	45000
OEG	Equity Derivatives	121	DR	00:05 to 23:50	212.197.254.21	45000
OEG	Equity Derivatives	122	DR	00:05 to 23:50	212.197.254.22	45000
OEG	Index Derivatives	110	DR	00:05 to 23:50	212.197.254.24	45000
DropCopy	Drop Copy Gateway 1	980	DR	00:05 to 23:50	212.197.254.31	45000
DropCopy	Drop Copy Gateway 2	981	DR	00:05 to 23:50	212.197.254.32	45000
DropCopy	Drop Copy Gateway 3	982	DR	00:05 to 23:50	212.197.254.33	45000
DropCopy	Drop Copy Gateway 4	983	DR	00:05 to 23:50	212.197.254.34	45000

External User Acceptance environments

The table below provides the overall list of IP addresses, and ports dedicated for testing, for the Next Release-EUA (NEXT EUA) and the Current Release-EUA (CURRENT EUA) environments. This connectivity information will be in use for telnet tests for the Euronext Markets on the Optiq platform.

The table provides the time period during which these telnet tests may be conducted by clients. *The table provides times expressed in CET (Central European Time).*

Cash Markets						
Application	Segment	Partition ID	Environment	When	IP	Port
OEG	Equities	10	NEXT EUA	00:05 to 23:50	212.107.92.2	30000
OEG	Equities	11	NEXT EUA	00:05 to 23:50	212.107.92.5	30000
OEG	Equities	12	NEXT EUA	00:05 to 23:50	212.107.92.8	30000
OEG	Equities	13	NEXT EUA	00:05 to 23:50	212.107.92.11	30000
OEG	Funds (ETFs)	20	NEXT EUA	00:05 to 23:50	212.107.92.39	30000
OEG	Fixed Income (Bonds)	30	NEXT EUA	00:05 to 23:50	212.107.92.37	30000
OEG	Warrants and Certificates	40	NEXT EUA	00:05 to 23:50	212.107.92.14	30000
OEG	Warrants and Certificates	41	NEXT EUA	00:05 to 23:50	212.107.92.17	30000
OEG	Block	140	NEXT EUA	00:05 to 23:50	212.107.92.43	30000
OEG	Bourse De Luxembourg	50	NEXT EUA	00:05 to 23:50	212.107.92.40	30000
DropCopy	Drop Copy Gateway 1	990	NEXT EUA	00:05 to 23:50	212.107.92.47	30000
DropCopy	Drop Copy Gateway 2	991	NEXT EUA	00:05 to 23:50	212.107.92.48	30000
DropCopy	Drop Copy Gateway 3	992	NEXT EUA	00:05 to 23:50	212.107.92.49	30000
DropCopy	Drop Copy Gateway 4	993	NEXT EUA	00:05 to 23:50	212.107.92.50	30000

OEG	Equities	10	CURRENT EUA	00:05 to 23:50	212.107.92.135	30000
OEG	Equities	11	CURRENT EUA	00:05 to 23:50	212.107.92.136	30000
OEG	Equities	12	CURRENT EUA	00:05 to 23:50	212.107.92.137	30000
OEG	Equities	13	CURRENT EUA	00:05 to 23:50	212.107.92.138	30000
OEG	Funds (ETFs)	20	CURRENT EUA	00:05 to 23:50	212.107.92.140	30000
OEG	Fixed Income (Bonds)	30	CURRENT EUA	00:05 to 23:50	212.107.92.139	30000
OEG	Warrants and Certificates	40	CURRENT EUA	00:05 to 23:50	212.107.92.142	30000
OEG	Warrants and Certificates	41	CURRENT EUA	00:05 to 23:50	212.107.92.143	30000
OEG	Block	140	CURRENT EUA	00:05 to 23:50	212.107.92.148	30000
OEG	Bourse De Luxembourg	50	CURRENT EUA	00:05 to 23:50	212.107.92.145	30000
DropCopy	Drop Copy Gateway 1	990	CURRENT EUA	00:05 to 23:50	212.107.92.157	30000
DropCopy	Drop Copy Gateway 2	991	CURRENT EUA	00:05 to 23:50	212.107.92.158	30000
DropCopy	Drop Copy Gateway 3	992	CURRENT EUA	00:05 to 23:50	212.107.92.159	30000
DropCopy	Drop Copy Gateway 4	993	CURRENT EUA	00:05 to 23:50	212.107.92.160	30000

Derivatives Markets						
Application	Segment	Partition ID	Environment	When	IP	Port
OEG	Commodities	80	NEXT EUA	00:05 to 23:50	212.107.92.46	30000
OEG	Equity Derivatives	120	NEXT EUA	00:05 to 23:50	212.107.92.23	30000
OEG	Equity Derivatives	121	NEXT EUA	00:05 to 23:50	212.107.92.26	30000
OEG	Equity Derivatives	122	NEXT EUA	00:05 to 23:50	212.107.92.29	30000
OEG	Index Derivatives	110	NEXT EUA	00:05 to 23:50	212.107.92.35	30000
DropCopy	Drop Copy Gateway 1	980	NEXT EUA	00:05 to 23:50	212.107.92.53	30000
DropCopy	Drop Copy Gateway 2	981	NEXT EUA	00:05 to 23:50	212.107.92.54	30000
DropCopy	Drop Copy Gateway 3	982	NEXT EUA	00:05 to 23:50	212.107.92.55	30000
DropCopy	Drop Copy Gateway 4	983	NEXT EUA	00:05 to 23:50	212.107.92.56	30000
OEG	Commodities	80	CURRENT	00:05 to 23:50	212.197.254.25	30000

			EUA			
OEG	Equity Derivatives	120	CURRENT EUA	00:05 to 23:50	212.197.254.20	30000
OEG	Equity Derivatives	121	CURRENT EUA	00:05 to 23:50	212.197.254.21	30000
OEG	Equity Derivatives	122	CURRENT EUA	00:05 to 23:50	212.197.254.22	30000
OEG	Index Derivatives	110	CURRENT EUA	00:05 to 23:50	212.197.254.24	30000
DropCopy	Drop Copy Gateway 1	980	CURRENT EUA	00:05 to 23:50	212.107.92.151	30000
DropCopy	Drop Copy Gateway 2	981	CURRENT EUA	00:05 to 23:50	212.107.92.152	30000
DropCopy	Drop Copy Gateway 3	982	CURRENT EUA	00:05 to 23:50	212.107.92.153	30000
DropCopy	Drop Copy Gateway 4	983	CURRENT EUA	00:05 to 23:50	212.107.92.154	30000

For detailed information on the use of “Partition ID” provided in the **CashStandingDataFile** (9007) or **DerivativesStandingDataFile** (9013) file, the real-time market data **Contract Standing Data** (1013) or **Standing Data** (1007) messages and how it is associated to connectivity, clients should review [Euronext Markets – Optiq OEG Connectivity Specifications](#) document.

1.2 SUPPORT

For any queries concerning the details of the Logical accesses, please contact:

Customer Access Services (CAS):

- Phone: +33 1 85 148 589
- Email: cas@euronext.com

For further information in relation to these User Guidelines, please contact:

Operational Client Services:

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Support Opening hours: Monday – Friday: 08:00 to 19:00 CET