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# **BORSA ITALIANA MIGRATION TO OPTIQ – DRESS REHEARSALS GUIDELINES**

Document type or subject

GENERAL OVERVIEW

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## INTRODUCTION

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### DOCUMENT PURPOSE

The purpose of this document is to inform clients about the agenda and activities that will take place during the two Dress Rehearsals organised in the context of the Borsa Italiana migration onto Optiq.

This document aims to provide guidance on prerequisites, timing, scope and a detailed schedule to the clients for them to prepare for the event.

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### TARGET AUDIENCE

The intended audience of this document is any client active on the Euronext and Borsa Italiana Markets (Trading Member Firm, ASP, ESP, ISV, Data Vendor) on the:

- Legacy Euronext markets: already connected to Optiq® and not connected to Borsa Italiana markets
- Italian markets: connected to Borsa Italiana markets and moving to Optiq® and TCS features

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### DOCUMENT HISTORY

DOCUMENT VERSION	DATE	CHANGE DESCRIPTION
1.0	15 February 2023	First version
1.1	24 February 2023	Adjusted version: <ul style="list-style-type: none"><li>- Additional information on schedule</li><li>- New "important information" added</li><li>- Appendix adjusted accordingly with the changes</li></ul>
2.0	8 March 2023	Version adjusted with details specific to Customer Dress Rehearsal 2: <ul style="list-style-type: none"><li>- Additional services available such as Sponsored Access, Request For Quote (ETP) and TCS GUI (ATFund)</li><li>- Addition of the dissemination of the ClearBook message after the HA event in the schedule</li><li>- Adjustment of reference prices to reflect latest closing prices from MIT (excl. TAH)</li></ul> Other general adjustments (Reference Data Price during DR, client's success criteria, ...)

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### ASSOCIATED DOCUMENTS

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

Document	Description
<a href="#">Migration Guidelines - Borsa Italiana Optiq Migration v3.1</a>	Provides clients with information, milestones and timing regarding the migration strategy of the Borsa Italiana markets to Optiq so that they can prepare for a successful migration.
<a href="#">List of instruments available in Production</a>	Provides full list of the instruments that have been created in Production and will be available for testing in Production during the Dress Rehearsals
<a href="#">Euronext Cash and Derivatives Markets Optiq OEG Service - Interface Specification - External - v5.16.1</a>	Provides an overview of all the IP addresses and connectivity details needed to connect to the Optiq Order Entry Gateway.
<a href="#">Euronext Cash and Derivatives Markets – Optiq MDG Production Connectivity - External - v5.18.0</a>	Provides an overview of all the Multicast IP addresses and connectivity details needed to connect to the Optiq Market Data Gateway.
<a href="#">Euronext Optiq Market Data Gateway MDG Lite - Production Connectivity v1.0</a>	Provides an overview of all the Multicast and TCP/IP addresses and connectivity details needed to connect to the Optiq MDG Lite.
<a href="#">Euronext Cash and Derivatives Markets - Optiq OEG SBE Messages - Interface Specification - External - v5.21.0</a>	This document sets out the client messages specifications for Optiq OEG using the SBE format. More specifically, it describes the contents of administrative and application messages and provides detailed field descriptions.
<a href="#">Euronext Cash and Derivatives Markets - Optiq OEG FIX 5.0 Messages - Interface Specification - External - v5.21.0</a>	This document sets out the client messages specifications for Optiq OEG using the FIX format. More specifically, it describes the contents of administrative and application messages and provides detailed field descriptions.
<a href="#">Euronext Cash Markets - Optiq OEG MDG - Kinematics Specification - External - v5.21.0</a>	The purpose of this document is to describe Cash Market Kinematics for Optiq Order Entry Gateway (OEG) and Market Data Gateway (MDG).
<a href="#">Euronext Cash and Derivatives Markets - Optiq Files - Interface Specification - External - v5.20.0</a>	The purpose of this document is to describe all the files required for Trading on Optiq platform.
<a href="#">Euronext Cash and Derivatives Markets - Optiq MDG Messages - Interface Specification - External - v5.20.0</a>	This document describes the Optiq Market Data Gateway.
<a href="#">Euronext Cash and Derivatives Markets - Common File Transfer System - Members User Guide - External - v5.21.0</a>	This document provides general technical information about Euronext Common File Transfer System Services (CFTS).
<a href="#">Euronext Cash Markets - TCS Web Access - User Guide - External - v5.20.0</a>	This document describes how to use the dedicated Web Interface allowing Euronext members to register Off Book but On Exchange trades in the Euronext Trade Confirmation System (TCS).

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## DEFINITIONS

**External Dress Rehearsal or Customer Dress Rehearsal (CDR):** real-condition tests that take place before the Go-Live weekend, for clients to validate their full readiness in the Production environment.

**Roll-back:** Data and applications are reverted back to the situation they were at on Friday evening, before each Dress Rehearsal

**ESP:** Extranet Service Provider; Service Provider providing infrastructure and/or hosting services to clients

**ASP:** Application Service Provider; Service Provider providing hosting services and/or applications to their clients

**ISV:** Independent Software Provider; Service Providers that provide trading and/or market data software to their clients

**Data Vendor:** Provider of Market Data to clients

**SP:** Service Provider

**OEG:** Order Entry Gateway

**MDG:** Market Data Gateway

**TAL:** Trading At Last

**CMC:** Client Managed Connectivity

**EMC:** Euronext Managed Connectivity

**MTA:** Euronext Milan

**EGM:** Euronext Growth Milan

**GEM:** Borsa Italiana Global Equity Market

**MIV:** Euronext MIV Milan

**TAH:** Trading After Hours

**ETP:** Exchange-Traded Products including ETFs, ETCs, ETNs

**TCS:** Trade Confirmation System

**EFS:** Euronext File Services

**CFTS:** Common File Transfer System

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## 1 CUSTOMER DRESS REHEARSAL OVERVIEW

The objective of the Customer Dress Rehearsal is to simulate the migration of Borsa Italiana markets onto Euronext trading system, Optiq, and to validate that all services are fully operational and clients can trade and process data simultaneously on Optiq, Millennium IT and SOLA platform.

Dress Rehearsals are **conducted in the Production environment** with clients and aim at:

- Testing new production set-up and network in the live environment (including physical connectivity);
- Validating clients' configuration (Logical Access set-up, LP config, etc.) and related accesses to services and applications;
- Executing a test under real conditions before the go-live;
- Validating that clients can operate the Optiq, Millennium IT and SOLA platforms in parallel.

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### 1.1 CRITICAL DATES

There are two Customer Dress Rehearsals:

- **1st CDR: 25 February 2023**
- **2nd CDR: 11 March 2023**

It is **mandatory** for trading members, ASPs and Data Vendors connected to Borsa Italiana markets to **participate in both Dress Rehearsals** (even if they already successfully participated to the first one).

Trading Members, ASPs and Data Vendors **shall also join the Saturday before the Go-Live** to perform a final check and **ensure their readiness for Monday's Go-Live** planned on 27 March.

- **Go-Live Weekend: 25 March 2023**

**ESPs** and **ISVs** are expected to support their clients during the Customer Dress Rehearsals and Go-Live weekend.

#### Notes:

- Customer Dress Rehearsals take place on Saturdays to avoid impact on Production services. It supports technical and functional testing on the Production environment.
- Clients are invited to participate actively in the Saturday test by sending orders / quotes to enrich the orderbooks and execute trades.  
To note that on ATFund segment, only orders declaration & pre-match can be made (no

trade during CDR).

- **At the end of the Dress Rehearsal, clients must roll back all data and applications to the situation they were at on the previous Friday evening (at the end of the Trading session).**

## 1.2 CONFIRMATION FORMS

It is mandatory for clients to:

- **Register for both Customer Dress Rehearsals, prior to the first CDR**
- **Confirm their successful participation after each of the CDRs** (within the day of the CDR)

For that purpose, it is **mandatory for clients to fill in the below webforms:**

Document type	Description	Link to the form	Last date for submitting by the clients
<b>Registration to the Dress Rehearsal</b>	Clients must register and indicate their participation for both Dress Rehearsals beforehand.	<a href="#"><u>Customer Dress Rehearsal Registration Form</u></a>	<b>17 February 2023</b>
<b>Result form</b>	After the dress rehearsals, clients need to confirm their successful participation.	<a href="#"><u>Results Form</u></a>	<b>For CDR 1: post DR on 25 February 2023</b> <b>For CDR 2: post DR on 11 March 2023</b>

## 1.3 PRE-REQUISITES

Clients will be authorised to take part in the Dress Rehearsal weekend only if they have validated the following steps:

- ✓ **[Connectivity/Colocation]** Signed agreement and completed and tested configuration (Telnet)
- ✓ **[Order Entry Gateway testing in Next EUA]** Validated conformance test (full, partial or light) or self-certification as well as High Availability test (when applicable)
- ✓ **[Market Data Gateway]** Ordered Production Market Data channels and validated the reception of Production Market Data channels
- ✓ **[Legal documentation]** Executed Membership pack, Regulatory Reporting Solution Registration form, SPA, SPAA, EMDA and MM and LP application form (when applicable)
- ✓ **[Production Access]** Requested Production Logical Accesses (via Initial Set-up Form) and completed CFTS form

- ✓ **[CDR Registration]** Registered for both Dress Rehearsals via dedicated form
- ✓ **[DR Connectivity Testing]** before the CDR, it is mandatory for clients to check TCP connectivity (Telnet) to DR IP:ports

**For more details on the mandatory pre-requisites, please refer to the table in Appendix.**

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## 1.4 DRESS REHEARSAL SUCCESS

Client success to the Dress Rehearsal shall be achieved by performing the following activities during the Dress Rehearsal:

- Logon using all of their **different Firm IDs**
- Connect from all of their **physical connection points**
- Logon to **all of the segments they are a member of**
- Logon using all of their **Logical Accesses**
- **Send orders and execute trades** on all the segments they are a member of (only orders can be pushed on ATFund)
- Validate the **reception of Market Data messages**
- **Connect to the different applications** including TCS and CFTS, and validate the correct processing of data associated with all the applications
- Perform all the **required tests** following the shared schedule
- Complete the **Results Form** after each Dress Rehearsal

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## 1.5 COMMUNICATION DURING DRESS REHEARSALS

During the Dress Rehearsal, customer support will be provided via:

- **Market Status:**  
Euronext will keep clients informed of all activities through the [Market Status Webpage](https://live.euronext.com/market-status): <https://live.euronext.com/market-status>.  
All clients are advised to subscribe to the Market Status alerts, which can be done through My Subscriptions menu on the [Euronext customer connect web portal](#).
- **Customer Support:**  
Support will be provided to clients by the Optiq Migration Team from 10:00 CET to 18:00 CET.  
In case of any issues or questions related to the tests, customers may contact the Optiq Migration Team ahead of the tests and during the Migration weekend by email at [optiqmigration@euronext.com](mailto:optiqmigration@euronext.com) and by phone at:
  - Italy +39 02 4541 1399
  - France +33 1 8514 8585
  - Belgium +32 2620 0585
  - Norway +31 20 721 9585
  - Portugal +351 2 1060 8585
  - Ireland +353 1 6174 289
  - UK +44 207 660 8585
  - Netherlands +31 20 721 9585



## 2 SCOPE OF THE TEST

The scope of the Dress Rehearsals is outlined below for each specific section.

### 2.1 ENVIRONMENT

During the Dress Rehearsals, only the **Production environment** is in scope.

### 2.2 MARKETS

During the Dress Rehearsals, **Technical** (connectivity, logon, etc.) and **Functional Testing** (e.g testing the trading activity and market data reception) will be performed for the Euronext Cash Markets, including the Italian Equity and ETF markets migrating to Optiq & TCS.

Clients can also validate Trading and Market Data Reception for the other Borsa Italiana Cash & Derivatives Markets that remain on the Millennium IT and SOLA platforms (and will move to Optiq in Phases 2 and 3) in order to simulate the set-up that will be in place at the Go-live of Phase 1.

#### 2.1.1 Markets in scope

The following markets will be part of the Dress Rehearsals:

	Optiq	TCS	Millennium	SOLA
<b>Euronext Markets</b>	<ul style="list-style-type: none"> <li>✓ Equity Markets</li> <li>✓ Funds Markets</li> <li>✓ Fixed Income Markets</li> <li>✓ Warrant &amp; Certificates Markets</li> </ul>	<ul style="list-style-type: none"> <li>✓ OBOE</li> <li>✓ Nav trading facility</li> <li>Dutch Funds</li> </ul>	N/A	N/A
<b>Borsa Italiana Markets</b>	<ul style="list-style-type: none"> <li>✓ MTA</li> <li>✓ EGM</li> <li>✓ GEM</li> <li>✓ MIV</li> <li>✓ Trading After Hours</li> <li>✓ ETF (ETF Plus)</li> </ul>	<ul style="list-style-type: none"> <li>✓ ATFund</li> <li>✓ OBOE</li> </ul>	<ul style="list-style-type: none"> <li>✓ Fixed Income Markets (MOT, ExtraMOT, Bond-X)</li> <li>✓ Warrant &amp; Certificates Markets (Sedex, Cert-X)</li> <li>✓ Equity ETLX</li> </ul>	<ul style="list-style-type: none"> <li>✓ Derivatives Markets (IDEM)</li> </ul>

**Note:** clients connecting to ATFund segment, if relevant for them, should perform testing on TCS GUI as a back-up solution.

#### 2.1.2 Markets out of scope

The following markets will **not** be part of the Dress Rehearsals on **Optiq**:

- **Euronext Derivatives Markets on Optiq**

Please note that clients will not be able to log on to these markets. Clients should take this into consideration for applications that perform an automatic logon.

- **All Bourse De Luxembourg (BDL) markets**

*Even though the BDL market will technically be available, Euronext will not open the instruments for trading on this market.*

As a reminder, all cash markets part of the phase 1 migration **will only be made available on Optiq and TCS during the CDR.**

## 2.3 APPLICATIONS AND SERVICES

Please see below the applications and services that are **in scope** for the two Dress Rehearsals.

EURONEXT APPLICATION	SERVICES
<b>Optiq</b>	<ul style="list-style-type: none"> <li>▪ Order Entry Gateways (OEG)</li> <li>▪ Market Data Gateway (MDG)</li> <li>▪ Drop Copy</li> </ul>
<b>MDG Lite</b>	<ul style="list-style-type: none"> <li>▪ MDG Lite Multicast</li> <li>▪ MDG Unicast - the TCP compressed service</li> </ul>
<b>Trade Confirmation System (TCS) Order Entry Gate and Web (GUI)</b>	The Trade Confirmation system for Off-Market trades and ATFund Market, which can be accessed either via Logical Access or via Web (GUI)
<b>Euronext File Services (EFS)</b> for legacy clients	<b>Referential Files</b> <ul style="list-style-type: none"> <li>▪ Standing Data</li> <li>▪ SBE templates</li> <li>▪ Tick Sizes</li> </ul>
<b>Common File Transfer System (CFTS)</b> for Borsa Italiana clients	<b>Referential Files</b> , fully available for testing <ul style="list-style-type: none"> <li>▪ Standing Data</li> <li>▪ SBE templates</li> <li>▪ Tick Sizes</li> </ul> <p>Only the SFTP protocol on CFTS will be made available for Borsa Italiana clients.</p>
<b>Sponsored Access</b> for Borsa Italiana markets	<b>Sponsored Access</b> available for testing for both Sponsored Clients and Sponsoring Firms

### Notes:

- **In order to replicate real conditions, on legacy Borsa Italiana side the below Trading and Market Data services will be made available:**
  - **Trading Applications** (Sola & Millennium IT will be available on markets not migrating on phase 1 – MOT, SeDeX and EuroTLX on MIT, IDEM on SOLA)
  - **GTP** (for all phase 2 and 3 markets – fixed Income, Warrant & Certificates, Derivatives Markets) and **HSVF** (for IDEM only) **Market Data Service**

- **Borsa Italiana Reference Data Files** (MOT305)
- **Request For Quote (RFQ)** on ETP segment
- The full list of functionalities that will be available during the Dress Rehearsals can also be found in the *Guide to Trading System* and the *Migration Guidelines*

To note:

**During the CDR, Euronext OEG and MDG will be on the SBE template version 321. Clients can use any of the earlier versions of SBE as long as their application is backward/forward compatible in accordance with the [Euronext Compatibility Rules](#).**

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## 2.4 OUT OF SCOPE FOR THE DRESS REHEARSALS

The following elements are out of scope and will not be available during Dress Rehearsals:

- **Post-trade systems & Front-To-Back testing:**

Clients should be advised that post-trade systems and front-to-back testing will not be available during the Customer Dress Rehearsals.

**Clients need to connect to the Next EUA environment to test all their post-trade applications and validate their front-to-back systems** (with a strong point of attention related to the reconciliation key used for reconciliation process).

- **Disaster Recovery sites:**

Euronext will not activate the Euronext Disaster Recovery site. Clients must validate connectivity to the Euronext Disaster Recovery site by performing a Telnet test to the Destination IPs of the site, which can be executed 24 hours 7 days a week.

- **Euronext Saturn Application** (ARM, APA, SLC, OBOE, ...)
- **MyEuronext portal**
- **Index Calculation and Dissemination**, as well as the **index Standing Data files:**  
Client to note that no Index standing data file will be available during Dress Rehearsal
- **End of Day** (EOD) file order and trade files
- **All BITA applications & services** not mentioned above as part of the scope

## 3 TEST DETAILS FOR DRESS REHEARSALS

Below is a summary of the tests clients are expected to perform during the Dress Rehearsals.

### 3.1 LOGON FOR OEG

All Trading members are advised to perform:

- 1) A **logon from all the forecasted network sources** (i.e. Colocation, CMC, EMC, connectivity via a Service Provider) that may be used in Production;
- 2) A **successful logon with at least one Logical Access per segment** they trade on, although clients are requested to test using all of their Logical Accesses;
- 3) A **replication of the logon for all Member Codes / FIRM IDs** owned by the Trading Members

#### Optiq OEG IP-Filtering security

The **Optiq OEG IP-Filtering** security will be put in place during the CDR as this is already the case during trading on normal Trading Day.

**Only source IPs already registered for dedicated Firm IDs (Logical Access) will be allowed to receive a logon acknowledgement.**

**!/!** Clients who are not yet connected to Optiq should be aware that **this security will be applicable on the Go-Live** planned for 27 March 2023.

Euronext is following the below principles to ensure clients are properly enabled on Optiq:

For clients <b>not impacted</b> by an infrastructure change	<ul style="list-style-type: none"><li>▪ Euronext has replicated the source IPs set-up from the Borsa Italiana markets onto Optiq.</li></ul>
For clients <b>impacted by an infrastructure change</b>	<ul style="list-style-type: none"><li>▪ <u>For Direct clients</u>: IPs are directly assigned and registered by Euronext.</li><li>▪ <u>For Indirect clients</u> (clients behind Service Providers):<ol style="list-style-type: none"><li>1 IPs are assigned by the Service Provider according to the range assigned to the Service Provider by Euronext.</li><li>2 Then, IPs are registered by Euronext upon request from the Service Providers.</li></ol></li></ul> <p>⇒ Clients are requested to verify that all their source IPs are properly set up either with Euronext directly or with their Service Provider</p>

**Prior to the Dress Rehearsal, clients are requested to test the logon on the Next EUA environment, as Optiq OEG IP-Filtering is already in place on this environment.**

In case of any issues related to Logon, clients are advised to contact the Optiq Migration Team before the Dress Rehearsal in order for it to be fixed for the Customer Dress Rehearsal.

In addition, Euronext can provide clients with the list of source IPs that are already registered. Such list can be obtained upon request to [cas@euronext.com](mailto:cas@euronext.com) (the request must include Firm ID).

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### 3.2 FUNCTIONAL OEG

During the Customer Dress Rehearsals, it is requested that Trading Members simulate their trading behaviour like during a normal trading day. **Clients should send orders and execute trades on all markets they are connected to, with a special focus and attention on the Italian Equity & ETF instruments** that will be migrating on Optiq with the phase 1.

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### 3.3 FUNCTIONAL MDG

Trading Members are requested to validate **the Market Data messages received**.

The Market Data messages received could be both technical and functional.

Clients should be aware that functional messages will be disseminated when clients send orders to the market - this includes standing data, real-time feeds and snapshot.

During the Customer Dress Rehearsal, Clients without trading access can only validate the proper reception of Market Data.

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### 3.4 WEB APPLICATIONS

Trading members are requested to validate their connectivity to the web applications (EFS, Trade Confirmation System, CFTS).

**If a given member is using different connectivity set-ups, clients should test with all its possible connectivity combinations.**

## 4 SCHEDULE

### Optiq Schedule

Please see below the detailed schedule for the two Dress Rehearsals.

**For information, in the case of any changes to the scheduled activities on Dress Rehearsal day, Euronext will keep clients informed through the Market Status Webpage: <https://live.euronext.com/market-status>**

TIME CET	DESCRIPTION OF SCHEDULE ON OPTIQ	EQT	ETP	BLK
11:00	<p><b>Start of Optiq, client's connection and referential files</b></p> <p><b>Starting of Optiq by Euronext.</b> Clients will be informed via Market status when all segments are up. Clients can start connected to Optiq in Production environment.</p> <ul style="list-style-type: none"> <li>Referential File publication on CFTS and EFS: Euronext will publish all Referential files on CFTS and EFS<sup>1</sup>. The complete list of files is provided in <a href="#">paragraph 5</a>. Clients should download and integrate the referential files.</li> </ul>			
	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>The Index file (OptiqMDG_PROD_CashStandingDataFile_Indices_YYYYMMDD.xml) will not be published as index calculation is out of scope. When downloading the Standing Data clients should target the date of next Monday as this date will be part of the filename.</li> <li>During first CDR, static and dynamic prices available in Optiq won't reflect the last closing prices coming from MIT Platform on Friday.</li> <li>The time schedule described below for the Equity segment will be applied to all Borsa Italiana Equity trading groups, including those that in production have a single uncrossing pattern or a different sequencing of phases.</li> </ul>			
11:30	<p><b>Optiq up &amp; running</b></p> <ul style="list-style-type: none"> <li>At this time, clients to be connected and have validated their Logical Access(es) to Optiq in the <b>Production</b> environment hosted in the Aruba Data Centre in Bergamo, Italy.</li> </ul>			
	<p><b>Note:</b> As a reminder, clients should perform functional testing from all the forecasted network sources (i.e. Colocation, CMC, EMC, connectivity via a Service Provider) that may be used in Production.</p>			
12:00	<p><b>Standing Data Broadcast over MDG</b></p> <p>Publication of Market data referential messages over the Euronext Market Data Gateway (MDG).</p> <ul style="list-style-type: none"> <li>Clients to validate the reception of standing data over the Market Data Gateway</li> </ul>	✓	✓	
12:30	<p><b>Call Phase on Equities and ETP</b></p> <ul style="list-style-type: none"> <li>Clients to send orders to the Optiq trading platform.</li> </ul>	✓	✓	
	<p><b>Note:</b> The trading sessions of Trading After Hours market will follow after the close of the normal trading session.</p>			
13:00	<p><b>Uncrossing &amp; Continuous trading on Equities and ETP</b></p> <ul style="list-style-type: none"> <li>Clients to trade on all Euronext Cash Markets including TCS.</li> </ul>	✓	✓	

<sup>1</sup> Client to contact Optiq Migration team in case they cannot retrieve the Referential Data File via its SFTP protocol.

15:00	<p><b>High Availability (HA) Event on Equities segments</b></p> <p>Euronext will simulate a failover on the Optiq Equities segment, Partition 11 – 212.107.95.5</p> <ul style="list-style-type: none"> <li>▪ Clients to check their connection and validate they send orders and trade as expected.</li> </ul>	✓		
	<p><b>Note:</b> In the case of halted HA during continuous phase, and only in this specific case, Euronext will disseminate a Clearbook message. This will be confirmed during the CDR via Market status webpage.</p>			
15:30	<p><b>HA Event on Fund segment</b></p> <p>Euronext will simulate failover on the Optiq Fund segment, Partition 20 – 212.107.95.14</p> <ul style="list-style-type: none"> <li>▪ Client to check their connection and validate their orderbooks are in sync before and after the HA event.</li> </ul>		✓	
	<p><b>Note:</b> After the HA event on Funds, the instruments will have a new call phase before client can resume trading in the continuous phase.</p>			
16:00	<p><b>Call Phase (Closing)</b></p> <ul style="list-style-type: none"> <li>▪ Clients to send orders for the Trading At Last (TAL) phase to the <b>Optiq</b> trading platform.</li> </ul>	✓	✓	
16:05	<p><b>Closing Uncrossing on Equities and ETP &amp; TAL</b></p> <p>Continuous trading of the TAL and Random Uncrossing trading phase.</p> <ul style="list-style-type: none"> <li>▪ Clients to perform functional testing during the TAL and Random Uncrossing.</li> </ul>	✓	✓	
16:10	<p><b>Closed Phase on Equities and ETP &amp; TAL</b></p> <p>Closing of the normal trading session.</p> <ul style="list-style-type: none"> <li>▪ Clients to validate the successful closing of the continuous trading session and the TAL &amp; Random uncrossing.</li> </ul>	✓	✓	
16:15	<p><b>Closed Phase on Equities and ETP</b></p> <p>Closing of the normal trading session.</p> <ul style="list-style-type: none"> <li>▪ Clients to validate the successful dissemination of the Closing Price.</li> </ul>	✓	✓	
16:30 – 17:00	<p><b>Continuous trading on TAH</b></p> <p>Continuous Trading Phase of the TAH Market.</p> <ul style="list-style-type: none"> <li>▪ Clients to perform functional testing on the TAH market.</li> </ul>			✓
	<p><b>Note:</b> TAH Market is on the <b>Block segment</b> (212.107.95.60) of the <b>Optiq</b> trading platform.</p>	✓	✓	
17:00	<p><b>Closed Phase on TAH</b></p> <p>Closing of the TAH market</p> <ul style="list-style-type: none"> <li>▪ Clients can validate the closing of the TAH market.</li> </ul>			✓
17:05	<p><b>Closed Phase on TAH</b></p> <ul style="list-style-type: none"> <li>▪ Clients to validate the correct dissemination of the closing price.</li> </ul>			✓
17:10	<p><b>Dress Rehearsal Client Feedback</b></p> <ul style="list-style-type: none"> <li>▪ Clients to confirm the CDR Test results by filling in the <a href="#">Results webform for Production</a> and send it back <b>within the day</b> to <a href="mailto:Optiqmigration@euronext.com">Optiqmigration@euronext.com</a></li> </ul>	✓	✓	✓
17:15	<p><b>End of Customer Dress Rehearsal Test</b></p> <p>Euronext will stop Optiq and all applications hosted in the Aruba Data Centre in Bergamo, Italy.</p> <ul style="list-style-type: none"> <li>▪ Clients can disconnect from all Euronext applications.</li> </ul>	✓	✓	✓

	<b>Note:</b> It is <b>mandatory</b> that clients roll back their internal systems to be ready for the Trading Session on the following Monday morning.	✓	✓	✓
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Clients should note that, during the Customer Dress Rehearsal, the Millennium IT and SOLA platforms will follow a dedicated schedule on the opened markets.

**Clients are requested to push orders and trades on the Italian markets following the markets schedule mentioned below:**

#### MIT & SOLA detailed schedule

TIME CET	DESCRIPTION OF SCHEDULE ON MIT	SeDeX	MOT	EuroTLX
11:30	Pre Trading	✓	✓	✓
12:30	Opening Auction Call		✓	
12:45	Quoting Period	✓		✓
13:00	Continuous (Regular) Trading	✓	✓	✓
16:00	Closing Auction Call		✓	
16:05	Post Close	✓	✓	✓

TIME CET	DESCRIPTION OF SCHEDULE ON SOLA	IDEM
12:30	Preopening (only for instruments with auction)	✓
13:00	Continuous (Regular) Trading	✓
16:30	Closing for all IDEM markets except extended hours	✓
17:10	Closing of extended hours markets	✓

**Note:** Borsa Italiana markets on OBOE will follow Optiq patterns mentioned above.

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## 5 IMPORTANT INFORMATION

Clients are advised to keep the below reminders in mind before, during and after the Dress Rehearsal.

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### 5.1 REFERENCE DATA PRICES, INSTRUMENTS AVAILABILITY AND RELATED ANIMATION DURING CDR

#### Instruments available in Production

- **All instruments currently tradable on Borsa Italiana (Milan) Equities and ETP Markets are technically created in the Optiq Production environment** and will be available for testing during the Customer Dress Rehearsals.  
Clients should note that for the CDR, some mnemonics will not be available for Borsa Italiana instruments listed in Production and a number of instruments will share the same mnemonic codes across different Market Identifier Codes (MICs).  
*More details are available in the dedicated communication related to instruments listed in Production.*
- **The full list of instruments available in Production can be found on [Connect](#) and is being updated the day before the CDR with latest adjustments.**  
Please note that this document is available to clients only for Customer Dress Rehearsal purposes. Clients will need to use the referential files for Go-Live onwards.

#### Animation of instruments during CDR

- During the CDR, **Euronext will specifically animate some instruments.**  
*Clients will find the detailed list of selected instruments animated in the Appendix of this document.*
- During the CDRs, **Euronext will be pleased to animate (provide order flow on) some specific instruments upon client's request if they would like to see their orders being executed.**  
In order to do so, clients must send an email to [optiqmigration@euronext.com](mailto:optiqmigration@euronext.com) with the details of the instrument, quantity and price for which they would like to see some animations. The requested instruments will be animated within c. 60 minutes following the request.

#### Reference Data Price

- For the second CDR on 11 March, MDG and Standing reference file will be aligned and therefore, **static and dynamic reference prices available during the CDR should reflect the last closing prices coming from MIT Platform on Friday.**
- **For TAH, reference price will reflect Thursday's closing price instead of Friday's**

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### 5.2 TRADING DATA REFERENTIAL FILES

Please see below the complete list of the referential files that will be available during the Customer Dress Rehearsals both on EFS and CFTS for the **Optiq Trading Platform**.

Although the test will be executed on a Saturday, clients should be aware that the date on the filename will reflect the date of Monday, so for example the Block standing data file will be named: OptiqMDG\_Production\_CashStandingDataFile\_Block\_20230313.xml.

This logic is true for all files that are published for the Customer Dress Rehearsal. This will help retrieve the files quicker.

You will see the below Referential Files in the following folders:

**Block:**

- OptiqMDG\_Production\_CashStandingDataFile\_Block\_yyyymmdd.xml
- OptiqMDG\_Production\_TimeTableFile\_Block\_yyyymmdd.xml
- OptiqMDG\_Production\_AuthorizedPriceFluctuationFile\_Block\_yyyymmdd.xml
- OptiqMDG\_Production\_SBETemplate\_Block\_yyyymmdd.xml

**Current:**

- OptiqMDG\_Production\_MemberMappingFile\_ALL\_yyyymmdd.xml
- OptiqMDG\_Production\_CashTickSizeReferentialFile\_ALL\_yyyymmdd.xml
- OptiqMDG\_Production\_RepoSettlementPriceFile\_ALL\_yyyymmdd.xml

**Equities:**

- OptiqMDG\_Production\_CashStandingDataFile\_Equities\_yyyymmdd.xml
- OptiqMDG\_Production\_AuthorizedPriceFluctuationFile\_Equities\_yyyymmdd.xml
- OptiqMDG\_Production\_TimeTableFile\_Equities\_yyyymmdd.xml
- OptiqMDG\_Production\_PrevDayCapAndVolTradFile\_yyyymmdd.xml

**FixedIncome:**

- OptiqMDG\_Production\_CashStandingDataFile\_FixedIncome\_yyyymmdd.xml
- OptiqMDG\_Production\_AuthorizedPriceFluctuationFile\_FixedIncome\_yyyymmdd.xml
- OptiqMDG\_Production\_TimeTableFile\_FixedIncome\_yyyymmdd.xml
- OptiqMDG\_Production\_PrevDayCapAndVolTradFile\_FixedIncome\_yyyymmdd.xml

**Funds:**

- OptiqMDG\_Production\_CashStandingDataFile\_Funds\_yyyymmdd.xml
- OptiqMDG\_Production\_AuthorizedPriceFluctuationFile\_Funds\_yyyymmdd.xml
- OptiqMDG\_Production\_PrevDayCapAndVolTradFile\_Funds\_yyyymmdd.xml
- OptiqMDG\_Production\_TimeTableFile\_Funds\_yyyymmdd.xml

**Warrants And Certificates:**

- OptiqMDG\_Production\_CashStandingDataFile\_WarrantsAndCertificates\_yyyymmdd.xml
- OptiqMDG\_Production\_AuthorizedPriceFluctuationFile\_WarrantsAndCertificates\_yyyymmdd.xml
- OptiqMDG\_Production\_TimeTableFile\_WarrantsAndCertificates\_yyyymmdd.xml
- OptiqMDG\_Production\_PrevDayCapAndVolTradFile\_WarrantsAndCertificates\_yyyymmdd.xml

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### **5.3 ROLL-BACK OF CLIENT APPLICATIONS**

After the Customer Dress Rehearsal test, clients must restore/roll back their internal Production systems to reflect the conditions of Friday evening (day before the Customer Dress Rehearsal), including all corporate events.

It is important that clients do not synchronise their order book with data from the CDR day.

**Clients are responsible for purging all market data and order entry data sent and received during the Saturday Dress Rehearsal test. All client applications should be reverted back to be able to trade on the following Monday morning and ensure their readiness for the next trading day following any Saturday test.**

## APPENDIX

Please see below the technical details needed to connect to the Optiq Trading Platform.

### Order Entry Gateway Production Environment

Optiq Segment Name	Partition ID	IP of Individual Partition
Equities	10	212.107.95.2
	11	212.107.95.5
	12	212.107.95.8
	13	212.107.95.11
Funds (ETFs)	20	212.107.95.14
Fixed Income (Bonds)	30	212.107.95.20
Warrants and Certificates	40	212.107.95.23
	41	212.107.95.47
Block	140	212.107.95.60

Please review the [Euronext Cash and Derivatives Markets Optiq OEG Service - Interface Specification - External - v5.16.1](#) for details on the Unicast IP addresses.

### Market Data Gateway Production Environment

	FEED A	FEED B
<b>Rendez-vous Point (RP) for Colocation</b>	212.107.67.240	212.107.67.241
<b>Rendez-vous Point (RP) for CMC</b>	212.107.67.248	212.107.67.249
<b>Primary IP Address</b>	212.107.93.0/24	212.107.94.0/24
<b>Secondary IP Address</b>	212.107.93.0/24	212.107.94.0/24
<b>Channel ID 1(n)xxx Real-Time</b>	224.0.208.0/24	224.0.209.0/24
<b>Channel ID 2(n)xxx Snapshot</b>	224.0.210.0/24	224.0.211.0/24

Please review the [Euronext Cash and Derivatives Markets – Optiq MDG Production Connectivity - External - v5.18.0](#) for details on the Multicast IP addresses.

### Euronext Applications Production environment

	IP address	DNS
<b>EFS Internet Access</b>	212.107.68.129	<a href="https://efswweb-prod.euronext.com">https://efswweb-prod.euronext.com</a>
<b>EFS on Euronext network</b>	212.107.67.1	<a href="https://efsoptiq-prod.euronext.com">https://efsoptiq-prod.euronext.com</a>
<b>CFTS on Euronext network</b>	212.107.67.2	<a href="https://cftsoptiq-prod.euronext.com">cftsoptiq-prod.euronext.com</a>
<b>CFTS Internet Access</b>	Cloud IP addresses are dynamic	<a href="https://sftp.cfts.prodnr.euronext.cloud">sftp.cfts.prodnr.euronext.cloud</a>
<b>TCS Web</b>	212.107.68.134	<a href="https://tcs-prod.euronext.com">https://tcs-prod.euronext.com</a>

**List of Borsa Italiana instruments animated during the CDR2:**

Segment	Symbol Index	Partition ID	ISIN Code	Trading Group	MIC
EQU	3305371	13	IT0005469330	3P	EXGM
EQU	3305374	12	LU1738384764	5F	MIVX
EQU	3308894	10	IT0000062957	3A	MTAA
EQU	3308896	12	IT0000066123	3A	MTAA
EQU	3308899	11	IT0000072618	3A	MTAA
EQU	3308914	10	IT0001078911	3A	MTAA
EQU	3308918	10	IT0001157020	3A	MTAA
EQU	3308922	10	IT0001233417	3A	MTAA
EQU	3308924	12	IT0001250932	3A	MTAA
EQU	3308925	13	IT0001347308	3A	MTAA
EQU	3308973	10	IT0003128367	3A	MTAA
EQU	3308974	11	IT0003153415	3A	MTAA
EQU	3308983	12	IT0003856405	3A	MTAA
EQU	3308987	12	IT0004056880	3A	MTAA
EQU	3309002	11	IT0005239360	3A	MTAA
EQU	3309004	13	IT0005278236	3A	MTAA
EQU	3309012	13	IT0005495657	3A	MTAA
EQU	3309014	11	LU0156801721	3A	MTAA
EQU	3311417	10	IT0003049605	5B	MIVX
EQU	3311418	11	NL0015435975	3A	MTAA
EQU	3311420	13	NL0000226223	3A	MTAA
EQU	3311429	10	IT0000062072	3A	MTAA
EQU	3316251	12	IT0001031084	3A	MTAA
EQU	3316257	10	IT0000072170	3A	MTAA
EQU	3316278	13	IT0004176001	3A	MTAA
EQU	3316288	11	IT0003796171	3A	MTAA
EQU	3316295	10	IT0003261697	3A	MTAA
EQU	3316296	11	IT0003242622	3A	MTAA
EQU	3316305	12	IT0004965148	3A	MTAA
EQU	3316314	13	IT0004776628	3A	MTAA
EQU	3316342	13	IT0005090300	3A	MTAA
EQU	3316358	13	NL00150001Q9	3A	MTAA
EQU	3316359	10	NL0011585146	3A	MTAA
EQU	3316360	11	NL0010545661	3A	MTAA
EQU	3316379	10	IT0005218380	3A	MTAA
EQU	3316381	12	IT0005211237	3A	MTAA
EQU	3316384	11	IT0003922223	5B	MIVX
EQU	3316417	11	IT0004027071	5B	MIVX
EQU	3325426	12	IT0005374035	3P	EXGM
EQU	3325428	10	IT0005366767	3A	MTAA
EQU	3332706	13	IT0005466195	3P	EXGM
EQU	3332775	10	NL0015000LU4	3A	MTAA
ETF	3309410	20	LU0290356954	5Y	ETFP
ETF	3309413	20	LU0292109005	5Y	ETFP
ETF	3309415	20	LU0290355717	5Y	ETFP
ETF	3309416	20	LU0290356871	5Y	ETFP
ETF	3309420	20	LU0274208692	5Y	ETFP
ETF	3309425	20	LU0322253229	5Y	ETFP
ETF	3309430	20	LU0292095535	5Y	ETFP

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ETF	3309431	20	IE00B1XNHC34	5Y	ETFP
ETF	3309432	20	JE00B3LXVB68	5Z	ETFP
ETF	3309438	20	LU0322253906	5Y	ETFP
ETF	3309442	20	IE00B1FZSB30	5Y	ETFP
ETF	3309446	20	DE000A0D8Q49	5Y	ETFP
ETF	3309449	20	LU0274221281	5Y	ETFP
ETF	3309452	20	DE0002635265	5Y	ETFP
ETF	3309458	20	IE00B1TXK627	5Y	ETFP
ETF	3310817	20	JE00B2NFV134	5Z	ETFP
ETF	3310818	20	LU0292106241	5Y	ETFP
ETF	3310826	20	GB00B15KYC19	5Z	ETFP
ETF	3310836	20	DE0002635299	5Y	ETFP
ETF	3310840	20	GB00B15KXW40	5Z	ETFP
ETF	3310846	20	GB00B15KYJ87	5Z	ETFP
ETF	3316514	20	IE00B7LW6Y90	5Y	ETFP
ETF	3316517	20	JE00B78NPW60	5Z	ETFP
ETF	3316518	20	LU0839027447	5Y	ETFP
ETF	3316519	20	IE00BQZJBX31	5Y	ETFP
ETF	3316522	20	LU0136242590	5Y	ETFP
ETF	3316531	20	IE00B52MJD48	5Y	ETFP
ETF	3316532	20	LU0942970798	5Y	ETFP
ETF	3316542	20	IE00B4L5ZG21	5Y	ETFP
ETF	3316550	20	LU0322252338	5Y	ETFP
ETF	3316554	20	JE00B3R2DZ58	5Z	ETFP
ETF	3316566	20	LU0380865021	5Y	ETFP
ETF	3316575	20	IE00B5MTWD60	5Y	ETFP
ETF	3316587	20	LU0446734369	5Y	ETFP
ETF	3316588	20	IE00B94QLR02	5Z	ETFP
ETF	3316589	20	IE00BKT09032	5Z	ETFP
ETF	3316590	20	XS1073722297	5Z	ETFP
ETF	3316591	20	IE00B76BRD76	5Z	ETFP
ETF	3316593	20	IE00B7XD2195	5Z	ETFP
ETF	3316595	20	IE00B8NB3063	5Z	ETFP
ETF	3316601	20	IE00B7Y34M31	5Z	ETFP
ETF	3316602	20	IE00BD4TYG73	5Y	ETFP
ETF	3316603	20	JE00B8DFY052	5Z	ETFP
ETF	3316605	20	JE00B2NFT427	5Z	ETFP
ETF	3316612	20	LU0925589839	5Y	ETFP
ETF	3316617	20	IE00B3VTMJ91	5Y	ETFP
ETF	3316622	20	IE00B8KD3F05	5Z	ETFP
ETF	3316624	20	JE00B24DLX86	5Z	ETFP
ETF	3316625	20	IE00B58HMN42	5Y	ETFP
ETF	3316626	20	LU0321462953	5Y	ETFP
ETF	3316641	20	JE00B3XPTF07	5Z	ETFP
ETF	3316650	20	IE00B60SWY32	5Y	ETFP
ETF	3316652	20	JE00B78NKK09	5Z	ETFP
ETF	3316656	20	XS2425316473	5Z	ETFP
ETF	3316657	20	LU0489337690	5Y	ETFP
ETF	3316663	20	LU0411078636	5Y	ETFP
ETF	3316670	20	IE00B78JSG98	5Y	ETFP
ETF	3316672	20	JE00B3RQ6R05	5Z	ETFP
ETF	3316674	20	JE00B6SLJ210	5Z	ETFP
ETF	3316676	20	IE00B3VWM098	5Y	ETFP
ETF	3316682	20	IE00BQN1KC32	5Y	ETFP

ETF	3316683	20	JE00B6XL6W59	5Z	ETFP
ETF	3316689	20	IE00B8FHGS14	5Y	ETFP
ETF	3316690	20	JE00B2NFTD12	5Z	ETFP
ETF	3316808	20	IE00BQN1K901	5Y	ETFP
ETF	3316809	20	JE00B3SBYQ91	5Z	ETFP
ETF	3325534	20	IE00BKZGB098	5Y	ETFP
ETF	3325608	20	IE00BYNXNS22	5Z	ETFP
ETF	3325622	20	IE00BF4TW453	5Z	ETFP
ETF	3325646	20	IE00BYTYHN28	5Z	ETFP
ETF	3333029	20	XS2183935274	5Z	ETFP
ETF	3339768	20	JE00B3KNMS14	5Z	ETFP
ETF	3339970	20	XS2305051018	5Z	ETFP
ETF	3340756	20	XS2193973216	5Z	ETFP
ETF	3340955	20	XS2305052172	5Z	ETFP
ETF	3341102	20	GB00B15KY765	5Z	ETFP
ETF	3341537	20	JE00B3T3K772	5Z	ETFP
ETF	3341591	20	XS2305051448	5Z	ETFP
ETF	3341630	20	JE00B588CD74	5Z	ETFP
ETF	3344073	20	XS2425319907	5Z	ETFP

**List of Borsa Italiana instruments with no MNEMONIC during CDR2:**

ISIN	Symbol Index	MIC	Full Product Name
IE00B6SPMN59	3316523	ETFP	ISHARES EDG S&P 500 MIN VO UCITS ETF ACC
IE00BKFB6K94	3333094	ETFP	UBS MSCI CHINA A SF UCITS ETF
IE00BN4Q1675	3333127	ETFP	UBS MSCI EMERG CLIMA PARIS UCITS ETF USD
IT0004105653	3316281	MTAA	CONAFI

**List of Borsa Italiana instruments sharing a MNEMONIC with another instrument:**

Borsa Italiana instrument			Mnemonic shared	Euronext Legacy instrument		
ISIN	Category	Instrument		ISIN	Category	Instrument
IE000HMSHYJ6	ETF	ELECTRIC VEHICLE CHARG INFRASTRUCT UCITS ETF	ELEC	FR0000031023	EQUITY	ELEC.STRASBOURG
IE000V6NHO66	ETF	TABULA EUR HY PARIS CLIMAT UCITS ETF EUR	THEP	FR0013333432	EQUITY	THERMADOR GROUPE
IE00BLSN7P11	ETF	UBS S&P 500 ESG ELITE UCITS ETF USD A	SPEL	FR0000053944	EQUITY	FONCIERE VOLTA
IE00BMGRZP89	ACTIVE ETF	SATURNA SUST ESG HANZERO	SESG	LU0088087324	EQUITY	SES



		ACC UCITS ETF				
IE00BN4GXL63	ETF	TABULA EUR IG BOND PARIS CLIMA UCITS ETF	COOL	BMG2415A1137	EQUITY	COOL COMPANY
IE00BZ048462	ETF	ISHARES \$ FLOATING RATE UCITS ETF USD	FLTR	IE00BWT6H894	EQUITY	FLUTTER ENTERTAIN
IT0003492391	ORDINARY SHARES	DIASORIN	DIA	US78467X1090	ETF	SPDR DJIA TRUST
LU2194447293	ETF	BNPP ECPI GLB ESG BLUE ECONOMY UCITS ETF	OCEAN	NO0010914641	EQUITY	OCEAN GEOLOOP
NL0013995087	ORDINARY SHARES	CEMENTIR HOLDING	CEM	LU1681041544	ETF	AMUNDI ETF EUR MID
JE00B4PDKD43	ETC	WISDOMTRE E COPPER - EUR DAILY HEDGED	ECOP*	NL0011923057	INDEX	EURONEXT COP 50 EW
IE00BYVJRR92	ETF	ISHARES MSCI USA SRI UCITS ETF USD ACC	SUAS	FR0013506862	BOND	SCHNE1%9A PR2027
LU1974695790	ETF	UBS USD EM IG ESG DIV BOND UCITS ETF A	EMIG	BE0002393651	BOND	ESMEEGFRN 25OCT60

**Pre-requisites for Customer Dress Rehearsals**

The below table provides guidance on the pre-requisites that must be validated by clients to be able to participate in the Dress Rehearsals, depending on the type of clients and their set-up.

## Borsa Italiana Optiq Migration – Dress Rehearsal Guidelines

	Activity or Milestone	Via	Applicable to									
			Trading Members		ISVs		ASPs		ESPs		Data Vendors	
			BITA-only	Common	BITA-only	Common	BITA-only	Common	BITA-only	Common	BITA-only	Common
Colocation set-up	<b>Colocation legal documentation</b> (incl. order forms) signed	-	✓ if directly connected	✓ if directly connected and if order new connectivity/equipment and/or depending on client's set-up	N/A	N/A	✓	✓ if order new connectivity/equipment and/or depending on client's set-up	✓	✓ if order new connectivity/equipment and/or depending on client's set-up	✓	✓ if order new connectivity/equipment and/or depending on client's set-up
	<b>Connectivity configuration and tests complete</b> (incl. Telnet)	-	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓
Connectivity set-up	<b>Connectivity legal documentation</b> (incl. order forms) signed	-	✓ if directly connected	✓ if directly connected	N/A	N/A	✓	✓ if directly connected	✓	✓ if directly connected	✓	✓ if directly connected and/or connecting to Italian markets
	<b>Connectivity configuration and tests complete</b> (incl. Telnet)	-	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓
Testing in EUA	<b>Conformance test</b> (full, partial or light) successfully performed and <b>certificate</b> received <b>or Self-certification</b> webform complete for clients who don't need to take a conformance test	With Analyst or webform for confirmation	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A
	<b>High Availability test</b> successfully performed	Webform for confirmation	✓	✓ highly recommended	✓	✓ highly recommended	✓	✓ highly recommended	N/A	N/A	N/A	N/A
	<b>Throttling test</b> successfully performed	Webform for confirmation	Not in scope for CDR	Not in scope for CDR	Not in scope for CDR	Not in scope for CDR	Not in scope for CDR	Not in scope for CDR	N/A	N/A	N/A	N/A
	<b>Front-to-back</b> successfully performed	Webform for confirmation	Not in scope for CDR	Not in scope for CDR	Not in scope for CDR	Not in scope for CDR	Not in scope for CDR	Not in scope for CDR	N/A	N/A	N/A	N/A
	<b>Production Market Data channels</b> ordered and <b>Market Data Gateway (MDG) tests</b> successfully performed and webform complete	Webform for confirmation	✓	✓ if subscribe to new Italian channels	N/A	N/A	✓	✓ if subscribe to new Italian channels	N/A	N/A	✓	✓ if subscribe to new Italian channels
Legal documents for PROD access	<b>Membership pack</b> (Membership Application form and TPAA) completed and signed	-	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	<b>Regulatory Reporting Solution Registration</b> form completed and signed	-	✓	✓ if add new market segments	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	<b>SPA</b> signed	-	N/A	N/A	✓	N/A	✓	N/A	N/A	N/A	N/A	N/A
Legal documents for PROD access	<b>SPAA</b> signed	-	N/A	N/A	N/A	N/A	✓ if directly connected	✓ if directly connected	✓	✓	N/A	N/A
	<b>EMDA</b> contracts completed and signed	-	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓
	<b>TCS and Saturn Clearing Facility Agreement</b> signed (for TCS GUI users only)	-	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	<b>Market Maker and Liquidity Provider</b> Application Form completed (if applicable)	-	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	<b>MyEuronext</b> Terms & Conditions	-	Not in scope for CDR	Not in scope for CDR	Not in scope for CDR	Not in scope for CDR	Not in scope for CDR	Not in scope for CDR	Not in scope for CDR	Not in scope for CDR	Not in scope for CDR	Not in scope for CDR
Requesting PROD access	<b>CFTS</b> form complete	CFTS form	✓	✓ if needed	N/A	N/A	✓	✓ if needed	N/A	N/A	✓	✓ if needed
	<b>PROD logical accesses</b> (incl. Drop Copy, Saturn and TCS) requested	Initial set-up form	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DR registration	<b>Registration</b> for External Dress Rehearsals	Webform	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓

## CONTACTS

Find below the contact details of Euronext’s and partner support teams:

Team	Contact details
<p><b>Optiq Migration Team</b>  <b>Clients’ first point of contact during the Customer Dress Rehearsals.</b> Technical &amp; functional assistance with testing on Optiq. Assistance with conformance tests, timeline and customer readiness checklist.</p>	<ul style="list-style-type: none"> <li>■ Italy +39 02 4541 1399</li> <li>■ France +33 1 8514 8585</li> <li>■ Belgium +32 2620 0585</li> <li>■ Norway +31 20 721 9585</li> <li>■ Portugal +351 2 1060 8585</li> <li>■ Ireland +353 1 6174 289</li> <li>■ UK +44 207 660 8585</li> <li>■ Netherlands +31 20 721 9585</li> <li>■ Email: <a href="mailto:Optiqmigration@euronext.com">Optiqmigration@euronext.com</a></li> </ul>
<p><b>Connectivity</b>            Clients’ point of contact for connectivity matters related to the Borsa Italiana migration onto Optiq.</p>	<ul style="list-style-type: none"> <li>■ Tel: +39 02 72426964</li> <li>■ Borsa Italiana Email: <a href="mailto:BIIt-Membership@euronext.com">BIIt-Membership@euronext.com</a></li> <li>■ Euronext Email: <a href="mailto:EuronextMembership@euronext.com">EuronextMembership@euronext.com</a></li> </ul>
<p><b>Membership</b>            Market participants’ point of contact for the membership contracts and any relevant update to the membership requirements (i.e., update contacts or membership declarations)</p>	<ul style="list-style-type: none"> <li>■ Email: <a href="mailto:market-access@euronext.com">market-access@euronext.com</a></li> </ul>
<p><b>Market Access</b>            Support for market participants’ access and connections to Euronext markets, including Logical Accesses on Optiq (i.e. access and log-in credentials to Optiq OEG).</p>	<ul style="list-style-type: none"> <li>■ Email: <a href="mailto:market-access@euronext.com">market-access@euronext.com</a></li> </ul>