

Document title

EURONEXT CASH MARKETS – OPTIQ : SBE TEMPLATE VERSION 116 - SATURDAY DRESS REHEARSAL

Document type or subject

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EXECUTIVE SUMMARY

Customers are invited to validate their migration over the Euronext Optiq® SBE template version 116 for Order Entry Gateway (OEG) and Market Data Gateway (MDG) on All Cash Market Segments during the migration week-end organised in the Production environment on Saturday 7 September 2019 between 11:00 and 14:00 Central European Summer Time (CEST).

This migration week-end will allow customers to validate the target Production implementation of Order Entry Gateway (OEG) and Market Data on Cash Markets in advance.

Markets will close on the evening of Friday 6 September 2019. On Monday 9 September 2019, markets will open with all segments on Optiq with SBE 116, i.e. Warrants and Certificates, Funds, Equities and Luxembourg Stock Exchange, Euronext Block.

The Optiq segment: Fixed Income has already been upgraded to SBE version 116 as from Monday 2 September 2019.

Start on Monday as usual, without taking the activity of Saturday 7 September 2019 into account. Customers are responsible for purging all market data and order entry data sent and received during any Saturday test.

PREFACE

PURPOSE

The purpose of this document is to provide customers with a detailed description of the Euronext Optiq® SBE TEMPLATE VERSION 116 Migration week-end on Saturday 7 September 2019.

ASSOCIATED DOCUMENTS

This document should be read in conjunction with the following documents.

TITLE	DESCRIPTION
Notice - Optiq Cash SBE Tempalte version 116 available on Next EUA and Saturday DR	SBE template upgrade
Euronext Cash and Derivatives Markets – Optiq Files Specifications	Describe all the file specifications on Optiq
SBE template introduction and compatibility rules	Provide general technical information about SBE and specify the SBE implementation on Optiq
SBE Template Version 116 - New features	The list of exhaustive changes introduced by the implementation of the SBE Template 116 (versus SBE template version 109)

DOCUMENT HISTORY

The following table provides a description of all changes to this document.

VERSION NO.	DATE	CHANGE DESCRIPTION
1.0	September 2019	First Version of migration Week-end Guidelines for Euronext Optiq® SBE template version 116

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1. SCOPE OF THE TEST

1.1 TEST OVERVIEW

Customers are expected to conduct the following tests:

- Connect to the Production environment
- Inject orders
- Purge the book at the end of the day and restore the order book to Friday night

1.2 ACCESS TO SERVICES & APPLICATIONS

Euronext services and applications will be set up as follows for the rehearsal:

- Optiq Order Entry and MDG for All Cash Market Segments.

1.3 DETAILS

Below please find details relevant to the Optiq SBE template 116 migration week-end tests for Cash Segments on Saturday 7 September 2019.

Between 11:00 and 14:00 CEST, customers are required to:

- Connect to the Production environment:
 - Test and validate the new Optiq SBE 116 on Order Entry and Market Data on Cash market segment.
 - Retrieve required files from Euronext Files Services (EFS).
 - OEG connectivity for: Equities, Funds, Euronext Block, Structured Products (Warrants, Certificates and Structured Notes) and Luxembourg Stock Exchange (Fixed Income being already on Production from one week).
 - Check the market data broadcast via multicast by connecting their application/feed handler to Real time and Snapshot.
- Inject orders
 - For example
 - Any segment order through OEG.
 - Customers can verify the publication of market data through the expected MDG channels.

SBE Template file: as of this rehearsal Optiq will use SBE templates for both OEG and MDG with schema version number 116, which are made available on the EFS.

- Purge the book at the end of the day and restore the order book to Friday night
 - This applies to orders sent through OEG and any internal data stored on the client side.

2. OUT OF SCOPE

The following services / markets are out of scope for this rehearsal:

- Tests with LCH
- End of day files
- Functional high availability
- Derivatives market
- Saturn
- Indices

3. CUSTOMER SUPPORT

Customer support is provided as follows:

- On Saturday 7 September, support will be provided by Euronext Market Services (EMS) from 11:00 to 14:15 CEST;
 - In the case of questions related to the tests, customers may contact the **EMS** ahead of the tests and during the migration week-end by email at clientsupport@euronext.com by phone at +33 1 8514 8585.
- Real-time events will be posted on the Market Status website during the migration weekend at: www.euronext.com/market-status

4. MAIN PRINCIPLES OF THE TEST

Customers will be notified to connect to the platform via the [Market Status webpage](#).

Upon confirmation of start of test customers should be able to connect to the Euronext OEGs and MDGs for the market segments below:

- Equities
- Fixed Income
- Funds
- Warrants and Certificates
- Euronext Block
- Luxembourg Stock Exchange

The sequence for market opening is the following:

- Euronext will start a pre-opening trading session
- As soon as Euronext considers that Cash markets are ready to be fully operational, a continuous trading session will be set up on Optiq. Customers are invited to make sure that their internal systems and access means are correctly synchronised with Euronext Optiq.

Euronext would like to make this test as realistic as possible in order to draw the most relevant and useful conclusions, and therefore encourages customers to participate actively by sending orders.

5. TRADING DATES DETAILS

The trading date used for the purposes of the test will be Saturday 7 September 2019. The order book situations will be those of Monday 9 September 2019 before the start of the pre-opening session, i.e. after the corporate events of the evening of Friday 6 September 2019, including:

Euronext invites customers to enter orders as they do in the Production environment.

MDG Standing data files for Cash markets will be made available on Saturday 7 September 2019 with the business date of Monday 9 September 2019. Please make sure you do not have any security in place that would prevent to process them.

6. MIGRATION WEEK-END VALIDATION SCHEDULE

Note: All timings are approximate and are stated in CEST

Timeline	Action	Cash	Derivatives
11:00	<ul style="list-style-type: none"> Beginning of the test Referential Files are made available: Cash Standing Data File will be provided on the Euronext File Server for Equities, Funds, Euronext Block, Warrants and Certificates and Luxembourg Stock Exchange Segments. (Indices will not be made available) <ul style="list-style-type: none"> New OEG and MDG SBE template file for each individual Cash segment listed above will be provided on Euronext File Server (version 116) 	✓	No
11:30	<ul style="list-style-type: none"> Participants are invited to check the status and timeline on the Market Status web page Market Data: Optiq MDG Cash Technical “Start Of Day” messages should be broadcasted over Cash MDG Production multicast channels Order Entry: Customers can validate their systems and connect their applications to the Euronext Production central systems. 	✓	No
11:45	<ul style="list-style-type: none"> Euronext Optiq MDG Cash real-time Standing Data messages will be provided over MDG Production multicast channels 	✓	No
12:45	<ul style="list-style-type: none"> Start of pre-opening phase (Call) in Production for Equities, Funds, Euronext Block, Warrants and Certificates and Luxembourg Stock Exchange Segments. Customers can connect and send orders to the Optiq OEG on these Cash segments. 	✓ ✓	No No
13:00	<ul style="list-style-type: none"> Opening and Continuous Trading Session for the Cash segments available. Customers can inject orders and perform trades on the Cash segments available. 	✓ ✓	No No
14:00	<ul style="list-style-type: none"> End of customer tests Customers can disconnect from Euronext central systems A Market Status message is sent confirming the end of the Migration week-end 	✓ ✓ ✓	No No No

7. IMPORTANT REMINDERS

During the test, Euronext will not be able to broadcast the real-time Cash Standing data messages over Optiq Market Data twice. Customers who have missed the broadcast of the referential data are requested to use the Optiq Cash Standing Data files made available on the [EFS](#).

8. ROLL-BACK FOR CUSTOMERS' INTERNAL SYSTEMS

Upon completion of the migration week-end, customers must restore/rollback their internal Production systems to the functional state of Friday 6 September 2019 evening after the end of the trading session. But It is very important that customers do NOT synchronise their order book with the data from the **tests** performed on Saturday 7 September 2019.

The Saturday 7 September 2019 session will not be taken into account in the Live/Production environment which will start on Monday 9 September 2019 as usual. Customers are requested to ensure their readiness for the next trading day's activities following any Saturday test.

Customers are responsible for purging all market data and order entry data sent and received during any Saturday test.

9. CONTACTS

- On Saturday 7 September 2019, Euronext Market Services (EMS) Client Support will manage the support:
 - **Euronext Market Services**
 - clientsupport@euronext.com
 - Tel: +33 1 85 14 85 85