

Optiq

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Editorial note

Euronext announced the launch of its new generation technology programme in May 2016, which will deliver improved customer experience through the migration from its current technology platform Euronext UTP to its new leading edge platform: **Optiq**.

This monthly newsletter will be sent to provide key updates and information on the progress of the programme, communicate important programme announcements, showcase new functionalities delivered by the new platform, and provide updates on the migration timeline and key milestone status.

This month, the **New Features Spotlight** will focus on Euronext's publication of the Phase 1 **Market Data Gateway Migration guidelines**, which will provide a detailed overview of the migration strategy and approach for Phase 1 of the Optiq programme (Euronext Cash and Derivatives Market Data Gateway), communicate major dates, migration milestones, and testing details and conformance requirements, and **will be available early November 2016**.

An update of recent announcements will also be provided, such as the confirmation of **important Phase 1 EUA and Production environment implementation dates**, including confirmation of the **migration dual-run period** for Phase 1 of the Optiq programme.

Details will be communicated on the **Phase 2** (Euronext Cash Order Entry Gateway) **technical documentation** which is also now available, and will allow clients to begin Phase 2 development.

Keep reading for details on these important announcements, as well as an overview of current and future program milestones.

Timeline and milestone status

Migration approach: The market data infrastructure will be migrated first, followed by the migration of cash to the new Order Entry Gateway (OEG) and Matching Engine (ME) modules, which include all mandatory MiFID II requirements. The first two phases of the migration are planned for 2017 followed by the derivatives order entry and Matching Engine migration in 2018.



Milestones: (recent past + next 30 days)

September 2016:	Optiq Market Data Gateway Feed Configuration (IP addresses) made available in PDF format
	Publication of standing data file example and specifications ¹
	MDG sample files (including timetable, full trade info, tick size) made available ¹
	Publication of Simple Binary Encoding (SBE) Technical Note
October 2016:	Phase 2: Cash Order Entry Gateway (OEG) specifications release
November 2016:	Virtual EUA (V-EUA) Order Entry Configuration made available
	Virtual EUA (V-EUA) XDP Cash and Derivatives Feed Configuration made available
	Phase 1: MDG Detailed Migration Guidelines available
	Phase 1: MDG conformance test script publication
	Technical Note #2 publication
	Market Data Gateway V-EUA technical platform opening (Cash and Derivatives) for connectivity testing

Note 1: sample files do not contain real IP addresses and are purely used as samples for file structure.

What's next

To remain up-to-date with the migration, customers should:

1. Register dedicated Optiq contacts on the dedicated web [form](#)
2. Review the Phase 1 (MDG) Migration Guidelines published early November 2016
3. Begin review of the Phase 2 (Cash Order Entry Gateway) documentation
4. Continue MDG technical configuration and on-boarding
5. Liaise with Optiq client readiness teams and SFTI to complete connectivity order forms
6. Contact the Optiq support desk with any questions

We are pleased to communicate some important elements of the **Optiq migration strategy** for the first phase of the project (Market Data Gateway, Cash and Derivatives).

Test Environment

Two EUA environments will be made available to facilitate the on-boarding process during the Optiq migration. MDG testing will begin on a new virtual EUA (V-EUA) on 29 November 2016, followed by the physical EUA (P-EUA) environment in February 2017 for conformance testing.

The first deliveries of MDG in V-EUA will contain many of the functionalities to be delivered in Production, and high availability and failover testing will be available in early Q1 2017. New functionality releases and bug fixes will be implemented on a fixed schedule so as to guarantee uninterrupted access to the test environment. The final release of Optiq MDG in P-EUA will be in February 2017, at which point the conformance testing validation will commence.

Clients are strongly encouraged to perform testing in V-EUA, in order to be fully prepared to validate conformance testing which will begin in February 2017 on P-EUA.

Production Environment

Customers have expressed their wish to benefit from a dual run period (i.e a period during which both XDP and MDG flows will be available) to be able to test their feedhandler. Euronext will offer both an external pre-production period and a dual run period for each migration:

- The cash external pre-production will start on 22 April 2017; during the following week MDG cash flow will be broadcasted but with no guarantee on the service. MDG Cash will then go live on 1 May 2017 followed by a 2 week dual run period where MDG will be the primary flow for our cash markets. XDP Cash will no longer be broadcasted after 12 May 2017.
- The derivatives external pre-production will start on 14 May 2017; during the following week MDG derivatives flow will be broadcasted but with no guarantee on the service. MDG Derivatives will then go live on 22 May 2017 followed by a 2 week dual run period where MDG will be the primary flow for our derivatives markets. XDP Derivatives will no longer be broadcasted as of 2 June 2017.

For more details, please refer to the Phase 1: MDG Migration Guidelines available early November 2016.



New features spotlight

October 2016: Phase 1 Market Data Gateway Migration Guidelines

Euronext is pleased to announce that the Optiq Phase 1: Market Data Gateway Migration Guidelines will be published early November 2016. Client focus is at the heart of the Optiq migration programme, and the guidelines document will provide clients with crucial migration details in a clear and comprehensive manner.

These guidelines provide a detailed overview of the migration strategy and approach for Phase 1 of the Optiq programme (Euronext Cash and Derivatives Market Data Gateway), communicate major dates, migration milestones, and testing details and validation requirements. Some of the topics covered include:

1. Detailed Migration approach
2. Functional changes explained
3. Market Data Gateway testing and validation requirements
4. Important timeline details, deadlines, and required weekend testing dates

The Migration Guidelines will serve as a major reference point for key information, such as mandatory dress rehearsal dates, conformance test requirements, and connectivity on-boarding details. The production migration strategy will also be confirmed in the guidelines, and will include important information on the dual-run production launch strategy.

All clients implementing the new Market Data Gateway should carefully review this document.

News

The Phase 1, Market Data Gateway migration guidelines will be available early November 2016. This document provides a detailed overview of the migration strategy and approach for Phase 1 of the Optiq programme (Euronext Cash and Derivatives Market Data Gateway), communicates major dates, migration milestones, testing details and validation requirements. **All clients implementing the new Market Data Gateway should carefully review this document.**

A new EUA connectivity form will be available mid-November, and clients should use it to confirm their network connectivity access to the MDG channels on the V-EUA environment by **15 December 2016**.

The technical documentation for Phase 2 (Order Entry Gateway for Euronext Cash markets) is now available, and provides specific technical information and will allow clients to begin Phase 2 development and **should be reviewed carefully.**

Customer focus

The migration onto the new Optiq platform has been designed with customers in mind. Technical relationship managers from the Euronext Client Readiness team will be available to meet with clients to review the technical specifications, facilitate impact assessment, hold development workshops, and provide regular updates on the migration timeline and status.

CONTACT DETAILS

For additional information, please reach out to your Optiq Programme client readiness team

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