

Optiq

UPDATE | 10 | MAY 2017

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's New Features Spotlight will focus on market data high availability mechanisms, which reduce client impact in the event of system failures on the market data or matching engines.

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



Timeline and milestone status



What's next

To be ready for the migration into Production, customers are required to:

1. Complete **mandatory** connectivity testing to [the Production environment](#) as soon as possible.
2. Participate in at least one of the **mandatory** Phase 1 Saturday Dress Rehearsals (**3, 10 and 17 June** and **8 July 2017**) for Cash and Derivatives.
3. Liaise with the Client Readiness team for SLE consultation.
4. Prepare for the Optiq MDG Cash production implementation
5. Begin connectivity testing on P-EUA for Phase 2 once available.
6. Contact the Optiq support desk with any questions.



Milestones: (recent past + next 30 days)

March 2017:	Phase 1: Updated migration timeline available
	Phase 1: Technical opening of P-EUA for connectivity testing
	Phase 1: Connectivity form available for P-EUA
	Phase 1: MDG specifications update (1.4)
	Phase 2: OEG specifications update (including MiFID 2 requirements)
April 2017:	Phase 1: MDG bundle 4 release on P-EUA
	Phase 1: Production connectivity testing underway
	New Trading Platform Access Agreement (TPAA) available
May 2017:	Phase 1: MDG dress rehearsal details
	Phase 1: MDG updated specifications (to align Bundle 4.2)
	Phase 1: MDG conformance testing period complete
	New SLE fee scheme published
	Updated EFS guidelines published
	Technical note publication (High Availability)
June 2017:	Phase 1: 1 st MDG dress rehearsal (Cash only)
	EFS production available
	Phase 1: Go-Live MDG Cash
	Phase 2: SLE sessions fees consultation begins
	Phase 2: OEG Cash connectivity details available
	Phase 2: OEG Cash EUA connectivity testing begins
	Phase 2: OEG Cash Migration Guidelines published

Migration strategy

We are pleased to provide a reminder of important elements of the **Optiq migration strategy** for the first phase of the project (Market Data Gateway on Euronext Cash and Derivatives markets).

Test Environment

As a reminder, MDG conformance testing began mid-April 2017 on the P-EUA environment, and is a pre-requisite to participate in the Saturday dress rehearsals, which are scheduled for:



The scope of the **3 June 2017** will only include Euronext Cash Markets, and an additional dress rehearsal date has been scheduled for **8 July 2017** which will cover Euronext Derivatives Markets.

The **10 and 17 June Dress Rehearsals are currently scheduled to cover both Cash and Derivatives**, and more details will be provided in due course.

Production

In order to secure a smooth transition onto the new Market Data Gateway and to allow for additional time for client testing, new MDG migration dates were announced on 31 March via [Info Flash](#).

The following table summarizes the aforementioned Phase 1 milestones:

MILESTONE	DATE
Start of conformance testing	mid-April 2017
End of conformance testing	15 May 2017
1st dress rehearsal	03 June 2017
2nd dress rehearsal	10 June 2017
3rd dress rehearsal	17 June 2017
MDG Cash: start of pre-production period	19 June 2017
Go-live of MDG Cash (start of parallel run)	26 June 2017
XDP Cash decommissioning	07 July 2017
4th dress rehearsal ○○	08 July 2017
MDG Derivatives: start of pre-production period	10 July 2017
Go-live of MDG Derivatives (start of parallel run)	24 July 2017
XDP Derivatives decommissioning	28 July 2017

The cash pre-production period will begin on **19 June 2017**:

- During the week of pre-production, the MDG cash feed will be broadcasted but XDP will still be considered the primary Euronext market data feed. MDG Cash will then go live on **26 June 2017** at which point MDG Cash will become the primary feed for our cash markets. This will be followed by a two week dual run period. XDP Cash will no longer be broadcasted after market close on **7 July 2017**.

The derivatives pre-production period will begin on **10 July 2017**:

- The pre-production phase for derivatives markets will last two weeks, during which the MDG derivatives feed will be broadcasted but XDP will still be considered the primary Euronext market data feed for derivatives. MDG Derivatives will then go live on **24 July 2017** at which point MDG will become the primary feed for our derivatives markets. This will be followed by a week-long dual run period and XDP Derivatives will no longer be broadcasted after market close on **28 July 2017**.

Important note: it is mandatory that clients maintain connectivity to the XDP market data feed until Optiq MDG becomes the primary Euronext market data feed, on **26 June** for Cash and **24 July 2017** for Derivatives.

New features spotlight

May 2017: High availability

Optiq has been designed as a multi-market trading platform, providing customers with maximum flexibility, simplified messaging, and high performance and stability. One of the ways continued stability will be ensured is with the high availability (HA) mechanisms integrated within the Optiq Market Data Gateway. A fast, efficient and smooth recovery is crucial in the event of an outage, and the Optiq HA facilities make this possible. The keys to a successful recover are the ability to quickly reconnect without any configuration updates (IP addresses, ports...) and order book recovery via message retransmission.

In the event of a market data failure, customer applications will need to implement necessary recovery measures to detect the failure, manage the recovery sequence and resume real time.

Depending on the type of outage, clients can be expected to integrate "clear book" messages sent over the market data feed, as well as process trade retransmissions, to be sure to have a fully synchronized order book.

Until Optiq has been fully implemented across all Euronext markets and while some elements remain on the UTP infrastructure, the recovery procedure will vary, depending on the current phase of the migration.

More details can be found in the [May Technical Note](#), available for download on the Optiq section of the Euronext website.

NEWS

1. The MDG conformance testing period is now complete.
2. Connectivity testing to the MDG Production environment is currently available, and customers can now test their network connectivity provisioning, managed either by SFTI or their Extranet Service Provider (ESP).
3. New fee scheme for Phase 2 Order Entry Gateway (Cash) has been published, which outlines the new Order Entry Session (OES) fees which will be implemented when Cash markets migrate to Optiq.

Previous editions

FEBRUARY 2017



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CONTACT DETAILS

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

Veronica Taylor

Tel: +44 (0) 20 7076 0931
vtaylor@euronext.com

Jack Cohecha

Tel: +33 (1) 70 48 25 40
jcohecha@euronext.com

Optiq Support Desk

Tel: +33 (1) 70 48 25 55
optiq@euronext.com

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