

Document title

## **EURONEXT DERIVATIVES MARKET DATA SERVICES (XDP)**

### **PRODUCTION ENVIRONMENT**

Document type or subject

FEED CONFIGURATION DOCUMENT

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## PREFACE

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### DOCUMENT HISTORY

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

VERSION NO.	DATE	CHANGE DESCRIPTION
2.0	16 Jun 2014	New version of the XDP Production feed configuration details for the upgraded XDP infrastructure.
2.1	2 Jul 2014	Updated the feed configuration details for the upgraded XDP infrastructure with new Source IP Addresses, (same Multicast Groups) new Multicast Ports, new RTS and RFS IP Addresses and new RFS Port.
2.1.1	12 Sep 2014	Removal of all details related to the DR Secondary Source IP Addresses.
2.1.2	30 Mar 2015	Addition of AtomX – Service IDs 715 for real-time and 815 for refresh.
2.1.3	24 Nov 2015	Removal of the IP address 156.48.250.40 of standing data FTP servers following the DR move.

### REFERENCE MATERIAL

Once clients have passed conformance testing, production IP Addresses will be provided by Technology Partnerships.

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

- [Euronext Derivatives XDP Client Specification](#)

### CONTACT INFORMATION

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### FURTHER INFORMATION

For additional product information, visit: <https://www.euronext.com/en/market-data>

For updated capacity figures, visit our capacity pages at:

[https://www.euronext.com/sites/www.euronext.com/files/euronext\\_capacity\\_page\\_2015.xlsx](https://www.euronext.com/sites/www.euronext.com/files/euronext_capacity_page_2015.xlsx)

For a full glossary, visit: <https://www.euronext.com/en/market-data/products-by-type>

## CONTENTS

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<b>DOCUMENT HISTORY</b>	<b>2</b>
<b>REFERENCE MATERIAL</b>	<b>2</b>
<b>CONTACT INFORMATION</b>	<b>2</b>
<b>FURTHER INFORMATION</b>	<b>2</b>
<b>1. INTRODUCTION</b>	<b>4</b>
1.1 Rendezvous Point Euronext Derivatives XDP feed	4
1.2 Standing Data FTP Servers	4
<b>2. EURONEXT DERIVATIVES MARKET DATA SERVICES (XDP) – PRODUCTION AND DR</b>	<b>5</b>
2.1 Service IDs and Service Profiles	5
2.1.1 EURONEXT DERIVATIVES MARKET DATA SERVICES (XDP) – LEVEL 1 SINGLE STREAMS	5
2.1.2 EURONEXT DERIVATIVES MARKET DATA SERVICES (XDP) – LEVEL 1 + 2 SINGLE STREAMS	7
2.1.3 EURONEXT DERIVATIVES MARKET DATA SERVICES (XDP) – LEVEL 1 + 2 STREAMS	9
2.1.4 EURONEXT DERIVATIVES MARKET DATA SERVICES (XDP) – VALUE ADD PRICES & OPEN INTEREST STREAMS	14

## 1. INTRODUCTION

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This document provides all multicast, TCP/IP and FTP addresses required to access the Euronext Derivatives XDP Production market data feed.

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### 1.1 RENDEZVOUS POINT EURONEXT DERIVATIVES MARKET DATA SERVICES (XDP)

Rendezvous Points for the Euronext Derivatives Market Data Services (XDP):

NETWORK	FEED A	FEED B
SFTI WAN	156.48.121.2	156.48.121.55
SFTI Co-Lo	156.48.99.5	

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### 1.2 STANDING DATA FTP SERVERS

Standing data will be made available on an FTP server at the following address:

- 156.48.93.155 (via SFTI)
- 156.48.55.1 (via internet)

For any questions about this document, please contact EMS Derivatives Desk:

Telephone: +31 (0) 20 550 5050 or email: [EMSDerivatives@euronext.com](mailto:EMSDerivatives@euronext.com).

The XDP FTP Specifications can be found here: <https://www.euronext.com/en/market-data/documentation>

## 2. EURONEXT DERIVATIVES MARKET DATA SERVICES (XDP) – PRODUCTION AND DR

The Euronext Derivatives XDP Production environment (PROD) is located in Basildon and the Disaster Recovery (DR) environment is located at Canon Bridge House. For Production we have provided the Primary (P) and Secondary (S) Source Addresses for the live and standby systems as part of the High Availability mechanism.

Customers are requested to allow the Production Primary (PROD P), Production Secondary (PROD S) and Disaster Recovery (DR) Source Addresses through their Firewalls.

### 2.1 SERVICE IDS AND SERVICE PROFILES

The services that are available to each customer depend on the services that were selected in the SFTI® order form.

The Service IDs map to SFTI® order form application services and the Service Profiles available are:

- Euronext Market Data Services (XDP) Level 1 Single Streams
- Euronext Market Data Services (XDP) Level 1+2 Single Streams
- Euronext Market Data Services (XDP) Level 1+2 Streams
- Euronext Market Data Services (XDP) Value Add Prices + Open Interest Streams

#### 2.1.1 EURONEXT DERIVATIVES MARKET DATA SERVICES (XDP) – LEVEL 1 SINGLE STREAMS

Table 1 Level 1 Single Stream Service IDs

APPLICATION SERVICE – LEVEL 1 SINGLE STREAMS	SERVICE TYPE	REAL-TIME SERVICE IDS		REFRESH SERVICE IDS	
		MARKET DATA	STANDING DATA	MARKET DATA	STANDING DATA
Equity & Index Derivatives	Level 1	701	751	801	851
Currency Derivatives	Level 1	703	753	803	853
Commodity Derivatives	Level 1	705	755	805	855

## 2.1.1.1 RT and RFS Response Configuration – Level 1 Single Streams

LEVEL 1 SINGLE STREAMS	SERVICE TYPE	SERVICE ID	RT/ RFS	MULTICAST (MC) FEED A			MULTICAST (MC) FEED B				
				SOURCE ADDRESS	MC GROUP	PORT	SOURCE ADDRESS	MC GROUP	PORT		
Equity & Index Derivatives	Level 1	701	RT	PROD P: 156.48.97.20  PROD S: 156.48.97.21  DR: 156.48.24.170	224.0.64.2	55001	PROD P: 156.48.98.20  PROD S: 156.48.98.21  DR: 156.48.25.170	224.0.65.2	55005		
	Std. Data	751				55002			55006		
	Level 1	801	RFS			55003			55007		
	Std. Data	851				55004			55008		
Currency Derivatives	Level 1	703	RT		224.0.64.4	55001		224.0.65.4	55005		
	Std. Data	753				55002			55006		
	Level 1	803	RFS			55003			55007		
	Std. Data	853				55004			55008		
Commodity Derivatives	Level 1	705	RT			224.0.64.6			55001	224.0.65.6	55005
	Std. Data	755							55002		55006
	Level 1	805	RFS						55003		55007
	Std. Data	855							55004		55008

## 2.1.1.2 RTS and RFS Request Configuration – Level 1 Single Streams

LEVEL 1 SINGLE STREAMS	SERVICE TYPE	SERVICE ID	RETRANSMISSION (RTS)		SERVICE ID	REFRESH (RFS)	
			VIRTUAL IP ADDRESS	PORT		VIRTUAL IP ADDRESS	PORT
Equity & Index Derivatives	Level 1	701	PROD: 156.48.97.142 DR: 156.48.24.42	4444	801	PROD: 156.48.97.151 DR: 156.48.24.51	5555
	Std. Data	751			851		
Currency Derivatives	Level 1	703			803		
	Std. Data	753			853		
Commodity Derivatives	Level 1	705			805		
	Std. Data	755			855		

## 2.1.2 EURONEXT DERIVATIVES MARKET DATA SERVICES (XDP) – LEVEL 1 + 2 SINGLE STREAMS

Table 2 Level 1+2 Single Stream Service IDs

APPLICATION SERVICE – LEVEL 1 + 2 SINGLE STREAMS	SERVICE TYPE	REAL-TIME SERVICE IDS		REFRESH SERVICE IDS	
		MARKET DATA	STANDING DATA	MARKET DATA	STANDING DATA
Equity & Index Derivatives	Level 1+2	702	752	802	852
Currency Derivatives	Level 1+2	704	754	804	854
Commodity Derivatives	Level 1+2	706	756	806	856

### 2.1.2.1 RT and RFS Response Configuration – Level 1+2 Single Streams

LEVEL 1+2 SINGLE STREAMS	SERVICE TYPE	SERVICE ID	RT/ RFS	MULTICAST (MC) FEED A			MULTICAST (MC) FEED B		
				SOURCE ADDRESS	MC GROUP	PORT	SOURCE ADDRESS	MC GROUP	PORT
Equity & Index Derivatives	Level 1+2	702	RT	PROD P: 156.48.97.20 PROD S: 156.48.97.21  DR: 156.48.24.170	224.0.64.3	55001	PROD P: 156.48.98.20 PROD S: 156.48.98.21  DR: 156.48.25.170	224.0.65.3	55005
	Std. Data	752				55002			55006
	Level 1+2	802	RFS			55003			55007
	Std. Data	852				55004			55008
Currency Derivatives	Level 1+2	704	RT		224.0.64.5	55001		224.0.65.5	55005
	Std. Data	754				55002			55006
	Level 1+2	804	RFS			55003			55007
	Std. Data	854				55004			55008

LEVEL 1+2 SINGLE STREAMS	SERVICE TYPE	SERVICE ID	RT/ RFS	MULTICAST (MC) FEED A			MULTICAST (MC) FEED B		
				SOURCE ADDRESS	MC GROUP	PORT	SOURCE ADDRESS	MC GROUP	PORT
Commodity Derivatives	Level 1+2	706	RT	PROD P: 156.48.97.20 PROD S: 156.48.97.21  DR: 156.48.24.170	224.0.64.7	55001	PROD P: 156.48.98.20 PROD S: 156.48.98.21  DR: 156.48.25.170	224.0.65.7	55005
	Std. Data	756				55002			55006
	Level 1+2	806	RFS			55003			55007
	Std. Data	856				55004			55008

### 2.1.2.2 RTS and RFS Request Configuration – Level 1+2 Single Streams

LEVEL 1+2 SINGLE STREAMS	SERVICE TYPE	SERVICE ID	RETRANSMISSION (RTS)		SERVICE ID	REFRESH (RFS)	
			VIRTUAL IP ADDRESS	PORT		VIRTUAL IP ADDRESS	PORT
Equity & Index Derivatives	Level 1+2	702	PROD: 156.48.97.142 DR: 156.48.24.42	4444	802	PROD: 156.48.97.151 DR: 156.48.24.51	5555
	Std. Data	752			852		
Currency Derivatives	Level 1+2	704			804		
	Std. Data	754			854		
Commodity Derivatives	Level 1+2	706			806		
	Std. Data	756			856		



### 2.1.3 EURONEXT DERIVATIVES MARKET DATA SERVICES (XDP) – LEVEL 1 + 2 STREAMS

Table 3 LEVEL 1 + 2 Service IDs

APPLICATION SERVICE – LEVEL 1 + 2 STREAMS	SERVICE TYPE	REAL-TIME SERVICE IDS		REFRESH SERVICE IDS	
		MARKET DATA	STANDING DATA	MARKET DATA	STANDING DATA
Amsterdam – Equity Derivatives	Level 1+2	721	771	821	871
Amsterdam – Index Futures	Level 1+2	722	772	822	872
Amsterdam – Index Options	Level 1+2	723	773	823	873
Paris – Equity Derivatives	Level 1+2	728	778	828	878
Paris – Index Futures	Level 1+2	729	779	829	879
Paris – Index Options	Level 1+2	730	780	830	880
Brussels – Equity & Index Derivatives	Level 1+2	731	781	831	881
Lisbon – Equity & Index Derivatives	Level 1+2	732	782	832	882
Currency Derivatives	Level 1+2	736	786	836	886

For Commodity Derivatives Level 1 + 2, please go to chapter 2.1.2 Level 1+2 Single Streams, Service IDs 706, 756, 806, 856.

### 2.1.3.1 RT and RFS Response Configuration – Level 1+2 Amsterdam and Paris Equity Derivatives

LEVEL 1+2	SERVICE TYPE	SERVICE ID	RT/ RFS	MULTICAST (MC) FEED A			MULTICAST (MC) FEED B		
				SOURCE ADDRESS	MC GROUP	PORT	SOURCE ADDRESS	MC GROUP	PORT
Amsterdam - Equity Derivatives	Level 1+2	721	RT	PROD P: 156.48.97.22 PROD S: 156.48.97.23  DR: 156.48.24.172	224.0.64.14	55001	PROD P: 156.48.98.22 PROD S: 156.48.98.23	224.0.65.14	55005
	Std. Data	771				55002			55006
	Level 1+2	821	RFS			55003			55007
	Std. Data	871				55004			55008
Paris - Equity Derivatives	Level 1+2	728	RT		224.0.64.16	55001	DR: 156.48.25.172	224.0.65.16	55005
	Std. Data	778				55002			55006
	Level 1+2	828	RFS			55003			55007
	Std. Data	878				55004			55008

### 2.1.3.2 RTS and RFS Request Configuration – Level 1+2 Amsterdam and Paris Equity Derivatives

LEVEL 1+2	SERVICE TYPE	SERVICE ID	RETRANSMISSION (RTS)		SERVICE ID	REFRESH (RFS)	
			VIRTUAL IP ADDRESS	PORT		VIRTUAL IP ADDRESS	PORT
Amsterdam - Equity Derivatives	Level 1+2	721	PROD: 156.48.97.145 DR: 156.48.24.45	4444	821	PROD: 156.48.97.151 DR: 156.48.24.51	5555
	Std. Data	771			871		
Paris - Equity Derivatives	Level 1+2	728			828		
	Std. Data	778			878		

### 2.1.3.3 RT and RFS Response Configuration – Level 1+2 Amsterdam Index Futures and Index Options

LEVEL 1+2	SERVICE TYPE	SERVICE ID	RT/ RFS	MULTICAST (MC) FEED A			MULTICAST (MC) FEED B		
				SOURCE ADDRESS	MC GROUP	PORT	SOURCE ADDRESS	MC GROUP	PORT
Amsterdam - Index Futures	Level 1+2	722	RT	PROD P: 156.48.97.24 PROD S: 156.48.97.25  DR: 156.48.24.174	224.0.64.17	55001	PROD P: 156.48.98.24 PROD S: 156.48.98.25  DR: 156.48.25.174	224.0.65.17	55005
	Std. Data	772				55002			55006
	Level 1+2	822	RFS			55003			55007
	Std. Data	872				55004			55008
Amsterdam - Index Options	Level 1+2	723	RT		224.0.64.18	55001		224.0.65.18	55005
	Std. Data	773				55002			55006
	Level 1+2	823	RFS			55003			55007
	Std. Data	873				55004			55008

### 2.1.3.4 RTS and RFS Request Configuration – Level 1+2 Amsterdam Index Futures and Index Options

LEVEL 1+2	SERVICE TYPE	SERVICE ID	RETRANSMISSION (RFS)		SERVICE ID	REFRESH (RFS)	
			VIRTUAL IP ADDRESS	PORT		VIRTUAL IP ADDRESS	PORT
Amsterdam - Index Futures	Level 1+2	722	PROD: 156.48.97.148 DR: 156.48.24.48	4444	822	PROD: 156.48.97.151 DR: 156.48.24.51	5555
	Std. Data	772			872		
Amsterdam - Index Options	Level 1+2	723			823		
	Std. Data	773			873		

### 2.1.3.5 RT and RFS Response Configuration – Level 1+2 Paris Index Futures and Index Options

LEVEL 1+2	SERVICE TYPE	SERVICE ID	RT/ RFS	MULTICAST (MC) FEED A			MULTICAST (MC) FEED B		
				SOURCE ADDRESS	MC GROUP	PORT	SOURCE ADDRESS	MC GROUP	PORT
Paris - Index Futures	Level 1+2	729	RT	PROD P: 156.48.97.24 PROD S: 156.48.97.25 DR: 156.48.24.174	224.0.64.21	55001	PROD P: 156.48.98.24 PROD S: 156.48.98.25	224.0.65.21	55005
	Std. Data	779				55002			55006
	Level 1+2	829	RFS			55003			55007
	Std. Data	879				55004			55008
Paris - Index Options	Level 1+2	730	RT		224.0.64.22	55001	DR: 156.48.25.174	224.0.65.22	55005
	Std. Data	780				55002			55006
	Level 1+2	830	RFS			55003			55007
	Std. Data	880				55004			55008

### 2.1.3.6 RTS and RFS Request Configuration – Level 1+2 Paris Index Futures and Index Options

LEVEL 1+2	SERVICE TYPE	SERVICE ID	RETRANSMISSION (RTS)		SERVICE ID	REFRESH (RFS)	
			VIRTUAL IP ADDRESS	PORT		VIRTUAL IP ADDRESS	PORT
Paris - Index Futures	Level 1+2	729	PROD: 156.48.97.148	4444	829	PROD: 156.48.97.151	5555
	Std. Data	779			879		
Paris - Index Options	Level 1+2	730	DR: 156.48.24.48		830	DR: 156.48.24.51	
	Std. Data	780			880		

### 2.1.3.7 RT and RFS Response Configuration – Level 1+2 Brussels/Lisbon Eqt.+ Index Der./Currency Der.

LEVEL 1+2	SERVICE TYPE	SERVICE ID	RT/ RFS	MULTICAST (MC) FEED A			MULTICAST (MC) FEED B		
				SOURCE ADDRESS	MC GROUP	PORT	SOURCE ADDRESS	MC GROUP	PORT
Brussels – Equity & Index Der.	Level 1+2	731	RT	PROD P: 156.48.97.20 PROD S: 156.48.97.21  DR: 156.48.24.170	224.0.64.12	55001	PROD P: 156.48.98.20 PROD S: 156.48.98.21  DR: 156.48.25.170	224.0.65.12	55005
	Std. Data	781				55002			55006
	Level 1+2	831	RFS			55003			55007
	Std. Data	881				55004			55008
Lisbon – Equity & Index Der.	Level 1+2	732	RT		224.0.64.13	55001		224.0.65.13	55005
	Std. Data	782				55002			55006
	Level 1+2	832	RFS			55003			55007
	Std. Data	882				55004			55008
Currency Derivatives	Level 1+2	736	RT		224.0.64.8	55001		224.0.65.8	55005
	Std. Data	786				55002			55006
	Level 1+2	836	RFS			55003			55007
	Std. Data	886				55004			55008

### 2.1.3.8 RTS and RFS Request Configuration – Level 1+2 Brussels/Lisbon Eqt.+ Index Der./Currency Der.

LEVEL 1+2	SERVICE TYPE	SERVICE ID	RETRANSMISSION (RTS)		SERVICE ID	REFRESH (RFS)	
			VIRTUAL IP ADDRESS	PORT		VIRTUAL IP ADDRESS	PORT
Brussels – Equity & Index Der.	Level 1+2	731	PROD: 156.48.97.142 DR: 156.48.24.42	4444	831	PROD: 156.48.97.151 DR: 156.48.24.51	5555
	Std. Data	781			881		
Lisbon – Equity & Index Der.	Level 1+2	732			832		
	Std. Data	782			882		
Currency Derivatives	Level 1+2	736			836		
	Std. Data	786			886		

## 2.1.4 EURONEXT DERIVATIVES MARKET DATA SERVICES (XDP) – VALUE ADD PRICES & OPEN INTEREST STREAMS

Table 4 Value Add Prices & Open Interest Service IDs

APPLICATION SERVICE – VALUE ADD PRICES & OPEN INTEREST	SERVICE TYPE	REAL-TIME SERVICE IDS	REFRESH SERVICE IDS
		MARKET DATA	MARKET DATA
Equity & Index Derivatives	VAP+OI	711	811
Currency Derivatives	VAP+OI	712	812
Commodity Derivatives	VAP+OI	713	813
AtomX	AtomX	715	815

### 2.1.4.1 RT and RFS Response Configuration – Value Add Prices & Open Interest

VALUE ADD PRICES & OPEN INTEREST	SERVICE TYPE	SERVICE ID	RT/RFS	MULTICAST (MC) FEED A			MULTICAST (MC) FEED B		
				SOURCE ADDRESS	MC GROUP	PORT	SOURCE ADDRESS	MC GROUP	PORT
Equity & Index Derivatives	VAP+OI	711	RT	PROD P: 156.48.97.20 PROD S: 156.48.97.21 DR: 156.48.24.170	224.0.64.24	55001	PROD P: 156.48.98.20 PROD S: 156.48.98.21 DR: 156.48.25.170	224.0.65.24	55005
	VAP+OI	811	RFS			55003			55007
Currency Derivatives	VAP+OI	712	RT		224.0.64.26	55001		224.0.65.26	55005
	VAP+OI	812	RFS			55003			55007
Commodity Derivatives	VAP+OI	713	RT		224.0.64.25	55001		224.0.65.25	55005
	VAP+OI	813	RFS			55003			55007
AtomX	AtomX	715	RT		224.0.64.28	55001		224.0.65.28	55005
	AtomX	815	RFS			55003			55007

#### 2.1.4.2 RTS and RFS Request Configuration - Value Add Prices & Open Interest

VALUE ADD PRICES & OPEN INTEREST	SERVICE TYPE	SERVICE ID	RETRANSMISSION (RTS)		SERVICE ID	REFRESH (RFS)	
			VIRTUAL IP ADDRESS	PORT		VIRTUAL IP ADDRESS	PORT
Equity & Index Derivatives	VAP+OI	711	PROD: 156.48.97.142 DR: 156.48.24.42	4444	811	PROD: 156.48.97.151 DR: 156.48.24.51	5555
Currency Derivatives	VAP+OI	712			812		
Commodity Derivatives	VAP+OI	713			813		
AtomX	AtomX	715			815		