

# UTP-MD – Production Feed Configuration

## Version 1.6

### History

V1.0	10 September 2008: Initial version
V1.1	15 September 2008 - Correction of Retransmission Server TCP/IP information
V.1.2	26 September 2008 - Minor textual changes
V 1.3	14 October 2008 - Modification of the service ID numbering (Chapters "ServiceID", "General feed configuration via MMBA infrastructure") - Insertion of a new service ID for pan-European MTF data (Chapters "ServiceID", "General feed configuration via MMBA infrastructure") - Insertion of new chapter "Retransmission requests limitation" - Deletion of EUA mention (chapter "General feed configuration via MMBA infrastructure")
V1.4	14 November 2008 - Insertion of new chapter "Rendez-Vous point via MMBA"
V1.5	16 January 2009 - Withdrawal of "External User Acceptance" information - Modification of "Euronext pan-European MTF" by "NYSE Arca Europe" - Notification of the Retransmission Request Limitations in Production environment
V1.6	15 April 2009 - Some "cosmetic textual " changes - Included SFTI Connectivity in scope of document (SFTI connect identical to MMBA) - Added configuration data for secondary Retransmission Server (RTS)

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## Introduction

### Data scope

The information supplied in this document applies to the UTP-MD Euronext Cash markets services only.

### Delivery scope

- UTP-MD Cash is available via MMBA and via SFTI. The configuration data is the same for both.
- Channel 113 (SmartPool – members only) will only be available via SFTI.

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## ServiceID

The table below shows the ServiceID's defined for the UTP-MD Production platform.

ServiceID appears in the Packet Header of each packet distributed via the UTP-MD streams, and also has to be filled in by the client in the appropriate field in the Packet Header of a Retransmission Request to identify the multicast stream from which the client wants to have packets retransmitted.

Production platform	
'101'	Euronext Cash Markets – Referential Data
'102'	Euronext Equities – Trades
'103'	Euronext Equities – Quotes
'104'	Euronext Equities – Orders
'105'	Euronext Warrants – Trades
'106'	Euronext Warrants – Quotes
'107'	Indices – Composition and Values
'108'	European Stocks (Off Exchange Trade Reporting) – Referential Data
'109'	European Stocks (Off Exchange Trade Reporting) – Trade Reporting
'110'	Reserved for future use
'111'	SmartPool – Referential Data
'112'	SmartPool – Public Data
'113'	SmartPool – Members (only available via SFTI)
'114'	NYSE Arca Europe (NAE)

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## Rendez-Vous Point

Production platform	RP1 Primary feed (A)	RP2 Secondary feed (B)
	S: 156.48.121.2 Associated to: G: 224.0.52.x	S: 156.48.121.55 Associated to: G: 224.0.53.x

## General Feed Configuration

The tables below show the UDP/IP configuration for both the primary and the secondary feeds, for the Production platform.

In this table the following indicators are used:

S = Source IP  
G = Group  
P = UDP Port

Production platform	Primary feed (A)	Secondary feed (B)
101 – Euronext Cash Referential Data	S: 156.48.126.120/29 G: 224.0.52.4 P: 21028	S: 156.48.126.112/29 G: 224.0.53.4 P: 21029
102 – Euronext Equities – Trades	S: 156.48.126.120/29 G: 224.0.52.5 P: 21030	S: 156.48.126.112/29 G: 224.0.53.5 P: 21031
103 – Euronext Equities – Quotes	S: 156.48.126.120/29 G: 224.0.52.6 P: 21032	S: 156.48.126.112/29 G: 224.0.53.6 P: 21033
104 – Euronext Equities – Orders	S: 156.48.126.120/29 G: 224.0.52.7 P: 21034	S: 156.48.126.112/29 G: 224.0.53.7 P: 21035
105 – Euronext Warrants – Trades	S: 156.48.126.120/29 G: 224.0.52.8 P: 21036	S: 156.48.126.112/29 G: 224.0.53.8 P: 21037
106 – Euronext Warrants – Quotes	S: 156.48.126.120/29 G: 224.0.52.9 P: 21038	S: 156.48.126.112/29 G: 224.0.53.9 P: 21039
107 – Indices – Composition & Values	S: 156.48.126.120/29 G: 224.0.52.10 P: 21040	S: 156.48.126.112/29 G: 224.0.53.10 P: 21041
108 – European Stocks – Referential Data	S: 156.48.126.120/29 G: 224.0.52.11 P: 21042	S: 156.48.126.112/29 G: 224.0.53.11 P: 21043
109 – European Stocks – Trade Reports	S: 156.48.126.120/29 G: 224.0.52.12 P: 21044	S: 156.48.126.112/29 G: 224.0.53.12 P: 21045
110 – Reserved for future use	S: 156.48.126.120/29 G: 224.0.52.13 P: 21046	S: 156.48.126.112/29 G: 224.0.53.13 P: 21047
111 – SmartPool – Referential	S: 156.48.126.120/29 G: 224.0.52.14 P: 21048	S: 156.48.126.112/29 G: 224.0.53.14 P: 21049
112 – SmartPool – Public Info	S: 156.48.126.120/29 G: 224.0.52.15 P: 21050	S: 156.48.126.112/29 G: 224.0.53.15 P: 21051
113 – SmartPool - Members Only	S: 156.48.126.120/29 G: 224.0.52.16 P: 21052	S: 156.48.126.112/29 G: 224.0.53.16 P: 21053
114 - NYSE Arca Europe (NAE) - All Data	S: 156.48.126.120/29 G: 224.0.52.21 P: 21062	S: 156.48.126.112/29 G: 224.0.53.21 P: 21063

## General Retransmission Configuration

### TCP/IP settings

The table below shows the primary and secondary TCP/IP retransmission source assignments for the UTP-MD Production platform.

Production Platform	IP	Port
Primary Source	156.48.126.43	21150
Secondary Source	156.48.126.171	21150

### SourcelD

The SourcelD allows customers to perform retransmission requests. NYSE Euronext Customer Technical Support (CTS) will provide one on demand.

Email: [cts.operations@nyx.com](mailto:cts.operations@nyx.com)

Tel: +33 (0) 1 4927 5080.

Clients should clearly state for which environment (EUA or Production) a SourcelD is requested.

Each SourcelD may only be logged on to a server once at a given time.

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## Retransmission Request Limitations

### Number of SourcelDs

Maximum number of SourcelDs per client:  
Clients have 4 SourcelDs by default. Should you need more SourcelDs, please contact the Universal Trading Platform Support Desk.

### Parallel sessions

Clients **may file** several concurrent requests on the server at the same time with the same SourcelD; **there is** no need to wait for the active retransmission to be closed to ask for another one.

**Responses to these requests are sent in the same order as the initial requests.**

### Maximum number of requests

Maximum number of Retransmission Requests per SourcelD per day has been set at 1,000.

### Maximum number of packets per request

Maximum number of packets that can be requested in one Retransmission Request has been set at 1,000.

### Maximum number of packets stored in the Retransmission Cache

Maximum number of packets that are cached for retransmission request has been set at 1,000,000 by ServicelD. A packet out of cache can't be retransmitted (A dedicated response "Rejected – requested packets are not available" will be sent in this case).