Document title

EURONEXT INDEX MEMBERSHIP

Document type or subject

CLIENT SPECIFICATION

Revision number   Date
Revision Number: 1.6a   09 Nov 2018

PREFACE

DOCUMENT HISTORY

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

VERSION NO.	DATE	CHANGE DESCRIPTION
1.0	23/04/2013	Initial distribution
1.1	19/06/2014	Rebranded with new Euronext Template Contact Information
1.2	12/09/2014	Updated Euronext Service Operations email address
1.3	05/12/2014	Changes resulting from migration to new Euronext data delivery infrastructure – Planned for Mon 16 March 2015 - Added section 1 – NEW DATA DELIVERY INFRASTRUCTURE - Edited section 6 – FTP DIRECTORY STRUCTURE - Added section 7 – EMAIL DELIVERY
1.4	16/03/2015	Updated Euronext Service Operations telephone number Updated date in section 1.2 Transition Period
1.5	14/05/2015	Updated Euronext Service Operations email address
1.6	25/01/2016	Updated Euronext Service Operations telephone number **(Effective 01 February 2016) -** Updated File Delivery Schedule due to creation of a 2nd batch of EOD files
1.6a	09/11/2018	Updated Introduction section (integration of Irish Stock Exchange indices on 04 Feb 2019) Removed section 1 – NEW DATA DELIVERY INFRASTRUCTURE

CONTACT INFORMATION

For technical support, please contact the **Euronext Service Operations**:

- Email: serviceoperations@euronext.com
- Telephone: +44 (0) 2076 608588

FURTHER INFORMATION

For additional information, please contact us at databyeuronext@euronext.com.

CONTENTS

1. INTRODUCTION

The Euronext Index Membership product provides the full constituent list and identifiers for Euronext indices. <mark>The Irish Stock Exchange indices will be included in the Euronext Index Membership product on 04 February 2019.</mark>

The index membership data is published three times a day in the form of two batches of End of Day (EOD) files and one batch of Next Day (NXTD):

- The EOD files carry index membership data effective on the day the data was published. The 1st batch carries EOD data for indices calculated in the European time zone and the 2nd batch carries EOD data for indices calculated in the US time zone and also all the data that was published in the 1st EOD batch.

- The NXTD files carry index membership data adjusted for changes.

Please refer to the file named "Euronext Index Data Products - List of indices covered" available on https://www.euronext.com/nl/market-data/products/end-day-index-data for further information in respect to the index calculation time zone for each Euronext index.

2. DELIVERY SCHEDULE

The Euronext Index Membership product offers End-of-Day (EOD) and Next Day (NXTD) files according to the following schedule:

- EOD Files:
    - 1st Batch: at approximately 19h15 CET
    - 2nd Batch: at approximately 22h30 CET
- NXTD Files: at approximately 23h30 CET

3.   FILE LAYOUTS

3.1   INDEX MEMBERSHIP FILES – EOD & NXTD

Table 1 describes the layout that will be used for the Index Membership files.

Table 1 File Layout –Index Membership File

DATA FIELD	DATA TYPE	FIELD LENGTH / NUMBER OF DECIMALS	DATE MASK	DESCRIPTION
File_Date	Date	10	yyyy-mm-dd	Creation date of the file. ■ In the EOD files, the file date is the effective date of the membership data. ■ In the NXTD files, the membership data is effective on the following day according to the Euronext indices calculation calendar.
Component_Name	Text	60		Name of the security
Component_ISIN_Code	Text	12		The ISIN code of the security
Component_Mnemonic	Text	6		The Mnemonic code of the security
Index_Mnemonic	Text	6		Index mnemonic code
Index_Name	Text	60		Name of the index

4.   FILE NAMES

Note: In all file names described in this section, "yyyymmdd" refers to the date of the file.

- IDX_EU_ENXT_REF_MEMBERSHIP_EOD_yyyymmdd

- IDX_EU_ENXT_REF_MEMBERSHIP_NXTD_yyyymmdd

5. FTP DIRECTORY STRUCTURE

Note: In each of the directories described in this section, "yyyy" refers to the generation year of the file and "mm" refers to the generation month of the file.

5.1 FTP SERVER NAME

■ Production: ftp.data.euronext.com

■ EUA: ftp.eua-data.euronext.com

5.2 DIRECTORY NAMES

■ The most-recent daily files are available on:

/IDX_EU_ENXT_REF_MEMBERSHIP/CURRENT/

■ Historical archives (including the most-recent daily file) are available on:

/IDX_EU_ENXT_REF_MEMBERSHIP/IDX_EU_ENXT_REF_MEMBERSHIP_yyyy/IDX_EU_ENXT_REF_MEMBERSHIP_yyyymm

6. EMAIL DELIVERY

The Euronext Index Levels files are also available via email to one or more e-mail addresses as specified by the customer.

Customers are required to contact the Euronext Licensing Team at databyeuronext@euronext.com.