

# Anna-DSB Proposed Changes to the OTC ISIN End of Day File Download Path

28<sup>th</sup> November 2018

## Introduction

The daily ISIN reconciliation files are available from the DSB website. Each day a new folder is created in the format `yyyymmdd` and the ISIN files are written to that folder e.g.:

<https://<env>.anna-dsb.com/file-download/isin/yyyymmdd>

The number of folders is already quite large and continues to grow on a daily basis. This may lead to issues with performance for users accessing the file download area. To ensure this area does not grow out of control, we are proposing a change to the file directory structure by introducing the year into the path as follows:

<https://<env>.anna-dsb.com/file-download/isin/yyyy/yyyymmdd>

## Transition

To assist consumers with the transition to this new structure, we are proposing to continue to write to the existing <https://<env>.anna-dsb.com/file-download/isin/> location until the 29<sup>th</sup> September 2019.

In addition, we propose to place all files (new daily files and historic) into the new folder structure. The DSB has been live since 2017 so this will create the following additional directories:

<https://<env>.anna-dsb.com/file-download/isin/2017/yyyymmdd>

<https://<env>.anna-dsb.com/file-download/isin/2018/yyyymmdd>

<https://<env>.anna-dsb.com/file-download/isin/2019/yyyymmdd>

## Key Dates:

The following table summarises the dates the proposed change could be made in both the UAT and Production environments:

Item	UAT	Prod
Copy existing historic files to new folders & commence parallel-write to new and old folder locations	4 Feb 2019	4 Mar 2019
Remove historic files (2017/2018 data) from old folder location	31 Mar 2019	30 Jun 2019
Stop parallel-write of new files to old folder location & remove old folder	30 Jun 2019	29 Sep 2019

## Impact on consumers

The proposed change will impact users of the File Download area as follows:

- Users who need to back-build their data will have 4 months (between 4 March 2019 and 30 June 2019) to update their back-build process to reference the new folder location.
- Users who consume our daily updates have 7 months (between 4 March 2019 and 29 September 2019) to update their daily process to reference the new folder location.

The rationale for providing the longer transition time for DSB users of the daily file download is that users may have automated their consumption processes within their production systems and may require longer lead time compared to the download of historic files, which is expected to be used for ad-hoc rebuilding of local ISIN caches and hence less likely to be in the critical path of production processes.

## Anna-DSB Proposed Changes to the OTC ISIN End of Day File Download Path

### Action required

We are looking for TAC feedback on the proposed changes. Specifically:

- Do you agree that we should be addressing the identified issue?

If you do, then:

- Is the new folder structure appropriate?
- Are the implementation timelines appropriate?

Finally, do you have any other feedback?

Please provide any feedback on the above by **Monday 7<sup>th</sup> January 2019**. We plan to finalise the approach by Monday 14 January 2019 and communicate to DSB users by Friday 18 January 2019.