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STOXX® iSFTP GUIDE

Creating an Investment Intelligence Advantage

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3. Introduction

SFTP (Secure File Transfer Protocol) access to STOXX Data is supported, and you can get access to STOXX files. This method is ideal for more sophisticated and larger file transfers.

The access to the SFTP data is restricted to a combination of unique user ID (username) and password.

This technical documentation will guide you to download the STOXX Data via our iSFTP platform. All updates on the IT infrastructure can be found on https://www.stoxx.com/systems-it

If you do not already have an SFTP client at your disposal, we recommend WinSCP.

For questions regarding this Technical Guide, please contact our STOXX Customer Support team:

> - Phone: +41 43 430 72 72
> - E-Mail: customersupport@stoxx.com

4. Downloading Files with iSFTP

4.1. Connection details

Host: *data.stoxx.com*
Port: *22*
Credentials: The credentials for the STOXX Website and iSFTP are harmonized to allow clients to connect with a unified *username* and *password*. Your *username* can be found on https://www.stoxx.com/my-profile.

4.2. The need of Whitelisting

data.stoxx.com is served from AWS ELB (Elastic Load Balancer). Due to a high availability setup, ELB IP addresses are subject to change at any point of time.

We recommend to whitelist the hostname *data.stoxx.com* on the firewall. In case you don't have this option (i.e. to configure hostnames on your firewall), please contact Customer Support to be provided with direct iSFTP access.

4.3. Folder Structure

The folder structure on the iSFTP server is driven by the main index symbols and aligned with the structure on the STOXX Website.

/STOXX/
/STOXX/_common-files
/STOXX/<Main Index Symbol>
/STOXX/<Main Index Symbol>/additional-files
/STOXX/<Main Index Symbol>/components-files
/STOXX/<Main Index Symbol>/composition-files
/STOXX/<Main Index Symbol>/historical-files
/STOXX/<Main Index Symbol>/review-files

The main index symbol groups all variants of an index (different currencies and return types).

Please refer to the column AC in the Data Vendor Code sheet to find the iSFTP folder location for the index you are interested in:

https://www.stoxx.com/documents/stoxxnet/Documents/Resources/Data_Vendor_Codes/vendor_codes_stoxx.xls

For example, the open files for different versions of the EURO STOXX 50 index can be found here:

"/STOXX/SX5E/composition-files/open_sx5e.csv"

"/STOXX/SX5E/composition-files/open_sx5t.csv"

"/STOXX/SX5E/composition-files/open_sx5gu.csv"

4.4. Download script

To download a data file from the STOXX iSFTP, take as example this command line:

```
option confirm off
open sftp://username:password@data.stoxx.com -rawsettings ProxyMethod=3 ProxyHost=domain.here ProxyPort=8080
get -nopreservetime /STOXX/SX5E/composition-files/open_sx5e.csv C:\Downloads\file.csv
```

5. Downloading files with iSFTP back-up server

Host: *data.stoxx.com*
Port: *22*

The host is a load balancer which resolves to the four different IP addresses:

4.28.179.139
4.28.179.140
4.78.164.164
4.78.164.165

Credentials for test connection:

Username: *testuser*
Password: *T3stp4$sword*

Credentials for standard connection:

Username: same username than the iSFTP server and website
Password: provided by STOXX Customer Support team

Credentials in case no iSFTP account is existing:

Username: provided by STOXX Customer Support team
Password: provided by STOXX Customer Support team

5.1. Folder Structure

The folder structure on the iSFTP server is driven by the main index symbols and aligned with the structure on the STOXX Website.

/STOXX/
/STOXX/_common-files
/STOXX/<Main Index Symbol>
/STOXX/<Main Index Symbol>/additional-files
/STOXX/<Main Index Symbol>/components-files
/STOXX/<Main Index Symbol>/composition-files
/STOXX/<Main Index Symbol>/historical-files
/STOXX/<Main Index Symbol>/review-files

The main index symbol groups all variants of an index (different currencies and return types).

Please refer to the column AC in the Data Vendor Code sheet to find the iSFTP folder location for the index you are interested in:

https://www.stoxx.com/documents/stoxxnet/Documents/Resources/Data_Vendor_Codes/vendor_codes_stoxx.xls

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