

Server Switch for Product Files from AIUB

The CODE and BSW teams, December 2025

1 Introduction

As you may have noticed within the last year, the FTP server is not running stable anymore. We are pleased to announce a new download solution for the dissemination of our CODE products, LEO orbit series and supporting files for the Bernese GNSS Software.

We are planning to decommission the old system by end of June 2026 (the definitive date need to be coordinated with our IT department and will be communicated later). So, we will have half a year overlapping time where you can test your download system with the new environment.

2 Summary

- Access to `http(s)` file-by-file will work without changes.
- File listing possible via web browser download as today
`https://www.aiub.unibe.ch/download`

3 What will change

3.1 Current HTTPS and HTTP access remains

`http(s)://www.aiub.unibe.ch/download`

- Current situation with old system
 - The URL `http://www.aiub.unibe.ch/download` (`http` without 's') allows an interactive access to our old FTP download area.
 - Files are accessible at URL, e.g. `http://www.aiub.unibe.ch/download/AIUB_AFTP.TXT`.
 - You may also access via URL `https://www.aiub.unibe.ch/download` (`http` with 's'), it will be redirected to `http`.
 - If you access the URL with a web browser, it automatically redirects to `https` and a warning may appear.
- Details changing with the new system from June 2026 on
 - The URL `https://www.aiub.unibe.ch/download` (`http` with 's') again allows an interactive access to our download area (but with different formatting that can be currently accessed at `www.aiub.unibe.ch/s3test`, see below).
 - Files remain accessible at URL, e.g. `https://www.aiub.unibe.ch/download/AIUB_AFTP.TXT`.
 - You may also access via URL `http://www.aiub.unibe.ch/download` (`http` without 's'), you will be automatically redirected to `https`.
 - Your download script should still work with the new environment if you download file-by-file. However, note that no wildcards are possible with `http/https`, this only worked with FTP (which will be decommissioned).
 - The `curl` command requires the option `-L` to follow the redirections.
 - Examples:
`wget https://www.aiub.unibe.ch/download/AIUB_AFTP.TXT` will continue to work
`wget https://www.aiub.unibe.ch/download/AIUB_*.TXT` does not work because of wildcards
`curl -LO https://www.aiub.unibe.ch/download/AIUB_AFTP.TXT` as an alternative to `wget`
`curl -LO https://www.aiub.unibe.ch/download/AIUB_*.TXT` does not work because of wildcards

3.2 Decommissioning of FTP download

`ftp://ftp.aiub.unibe.ch`

- FTP will not be available anymore after June 2026.
- Please replace your download by one of the options above.
- FTP examples that will not work anymore:
`ftp ftp://ftp.aiub.unibe.ch/AIUB_AFTP.TXT` (ftp command)
`curl -O ftp://ftp.aiub.unibe.ch/AIUB_AFTP.TXT` (curl with FTP protocol)

3.3 Listing of content

- As stated above, with the decommissioning of FTP, you will lose the possibility to download files with wildcards.
- In order to perform a search within your scripts, you may find a regularly updated full listing of the download area in `https://www.aiub.unibe.ch/s3test/full_listing.csv`
- The content of the server can still be displayed in a web browser as today.

4 Temporary HTTPS access for already testing the new solution

`www.aiub.unibe.ch/s3test`

- During the parallel test phase, the URL `https://www.aiub.unibe.ch/s3test` acts as a test environment for the final configuration.
- This is a temporary environment for test purposes which will **vanish** when the FTP solution becomes inactive.
- Example to test the access during the parallel test phase:
`wget https://www.aiub.unibe.ch/s3test/AIUB_AFTP.TXT`

5 Support

If you have any questions, please contact `bernese(at)aiub.unibe.ch`.

6 Acknowledgments

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