



FileSync



How To Use FileSync

Program

Name/number

File name

Comment

Output folder

Post to Fusion Team

Fusion Team output folder

NC extension

Unit

Open NC file in editor

1

Select the **Post to Fusion Team** option when Post-Processing your projects in Fusion.

2

Set the **Fusion Team output folder** option to one of the **Gantry, Lathe, Mill, or Waterjet** folders in the **Net Share** project.

Location:

PROJECT	Net Share
Net Share	NAME
3D Printing	Gantry
Workholdings, Stocks and Machi...	Lathe
	Mill
	Waterjet

3

Ensure the file is successfully posted. **FileSync** will detect the new file and download it to the corresponding machine!

NC code successfully posted

The following NC code **successfully** posted:

NCProgram7 : /Users/adrikherbert/Desktop/

[View NC Code](#)

Troubleshooting FileSync Errors & Delays

- 1** First, keep in mind that it is possible for the service to experience delays. Syncs can take up to **2 minutes** to process. Please check back if the sync does not immediately occur.
 - 2** Second, the service can experience intermittent interruptions. Try to resubmit your file if the first try does not succeed.
 - 3** Third, if a resubmit does not succeed, FileSync is likely down and **may require re-authentication**. Please contact a member in the [Help Contacts](#) section to re-authenticate FileSync.
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Help Contacts



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Advanced Troubleshooting

Restarting FileSync:

- Login to the Bechtel Server
 - @bidc225lnx1.ecn.purdue.edu
- Navigate to the FileSync directory
 - /home/pal5/FusionFileSync
- Take down Docker Container
 - `sudo docker compose -f docker-compose.prod.yml down`
- Start FileSync (in production mode)
 - `npm run prod`

Accessing Logs:

- Logs can be accessed at the Bechtel logging server (Graylogs) using the 'filesync' and 'filesync_database' tags
 - URL: <https://logging.bidc225lnx1.ecn.purdue.edu>
- NOTE: see the 'Filesync' dashboard

Useful Docker Commands:

- `docker ps -- list all Docker containers`
- `docker compose up/down -- start/stop Docker using Docker compose`
- `docker images -- list all Docker images with tags and source repository`