

## How do I Set Up and Use OutFile in the Default Configuration?

Alex Clemons - 2023-12-01 - Comment (1) - Lasetnet FO Connector FAQs

# Lasernet for Dynamics 365

This article describes how the **OutFile** module is used within the Lasetnet 9 Default Configuration for the Lasetnet FO Connector.

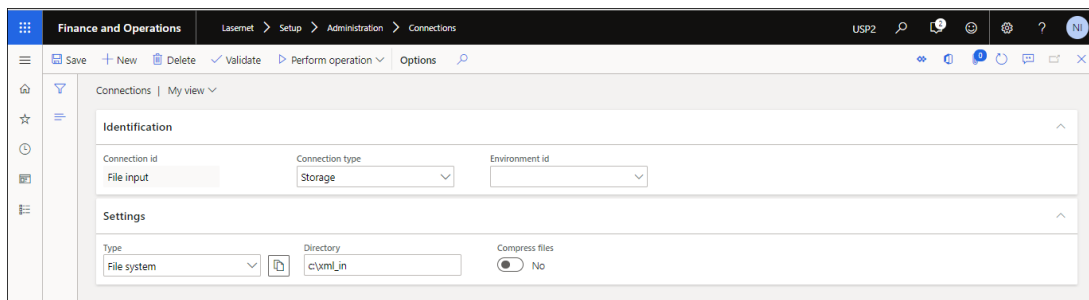
The OutFile output module in the default configuration is used as a type of storage for FO. This type of storage may be used for OnPrem solutions that do not use Azure Storage and, instead, use a file system to print reports.

### Setup in Lasetnet Connector

Follow these steps within the FO to set up the module:

1. Navigate to **Lasernet > Setup > Administration > Connections**.
2. Create a new connection with **Connection Type: Storage, Type: File System**, and specify a **Directory path**.

This connection will be Lasetnet Connector's output location and Lasetnet input location.



The screenshot shows the 'Connections' page in the 'Lasernet > Setup > Administration' section. The page has a sidebar with navigation icons and a main content area. The main content area is divided into two sections: 'Identification' and 'Settings'. In the 'Identification' section, there are three fields: 'Connection id' (containing 'File input'), 'Connection type' (a dropdown menu set to 'Storage'), and 'Environment id' (a dropdown menu). In the 'Settings' section, there are three fields: 'Type' (a dropdown menu set to 'File system'), 'Directory' (a text field containing 'c:\xml\_in'), and 'Compress files' (a toggle switch set to 'No').

3. Create another new connection with **Connection Type: Storage, Type: File System**, and specify a **Directory path**.

This connection will be Lasetnet's output location and Lasetnet Connector's archive location

Finance and Operations | Lasernet > Setup > Administration > Connections

USP2

Save + New Delete Validate Perform operation Options

Connections | My view

**Identification**

Connection id: FileOut Connection type: Storage Environment id:

**Settings**

Type: File system Directory: c:\lasernet\output Compress files: No

4. Navigate to **Lasernet > Setup > Administration > Lasernet Servers**.

5. Create a new **Lasernet server**. Give it a **Server** name, **Description**, **Default for**, and make it **Active**.

6. Set your **Outgoing connection** to the file input created in step 2.

7. Set your **D365FO connection to reports storage** to the file output created in step 3.

The **D365FO connection to reports storage's Connection's Type** determines the **OutStorageType** jobInfo in the XML. In this case, the **OutStorageType** will be **FileSystem**.

Finance and Operations | Lasetnet > Setup > Administration > Lasetnet servers

USP2

Save + New Delete Validate all Update data Inquiry Up Down Copy Options

Lasernet servers | My view

Active	Server	Description	Default for	Report attachments
Yes	USP2_FileSystem	File connections	Print;Email;Fax;Custom;Screen	URL

Dynamics will send requests to Lasetnet server(s) using File system at c:\xml\_in. Processed reports files Lasetnet server will save in File system at c:\lasernet\output.

1. Make sure Lasetnet server input module of type 'File input' monitors file folder at c:\xml\_in and Dynamics AX service has 'write' rights to this folder  
2. Make sure Lasetnet server has write rights to folder c:\lasernet\output

**Queue**

Outgoing connection: File input

**Report file storage**

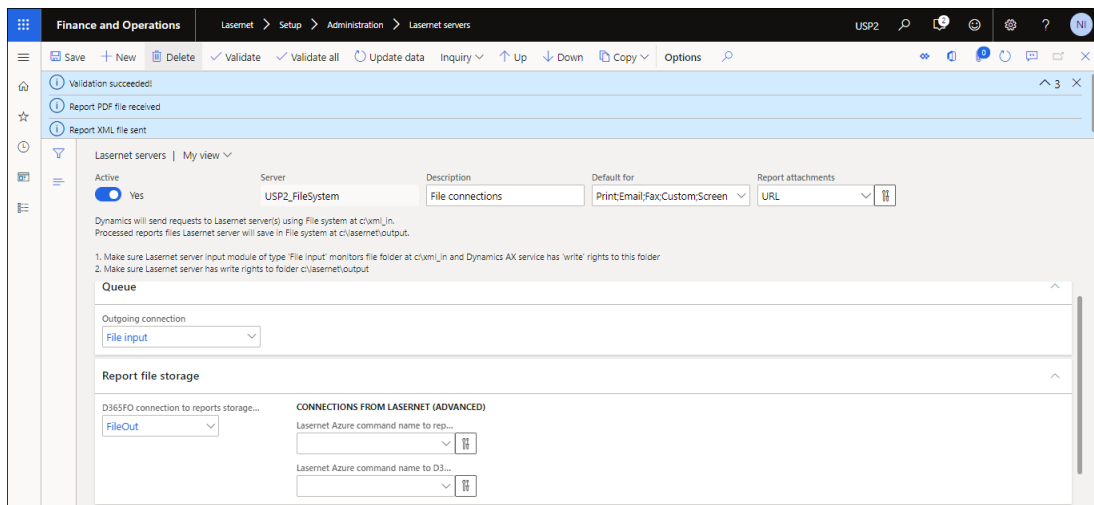
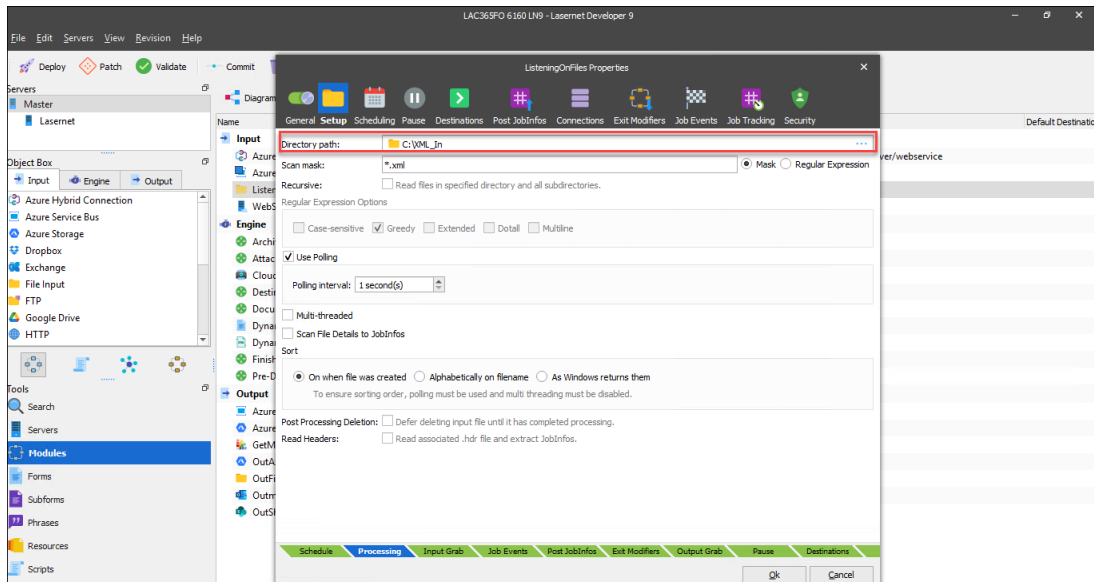
D365FO connection to reports storage...: FileOut

**CONNECTIONS FROM LASERNET (ADVANCED)**

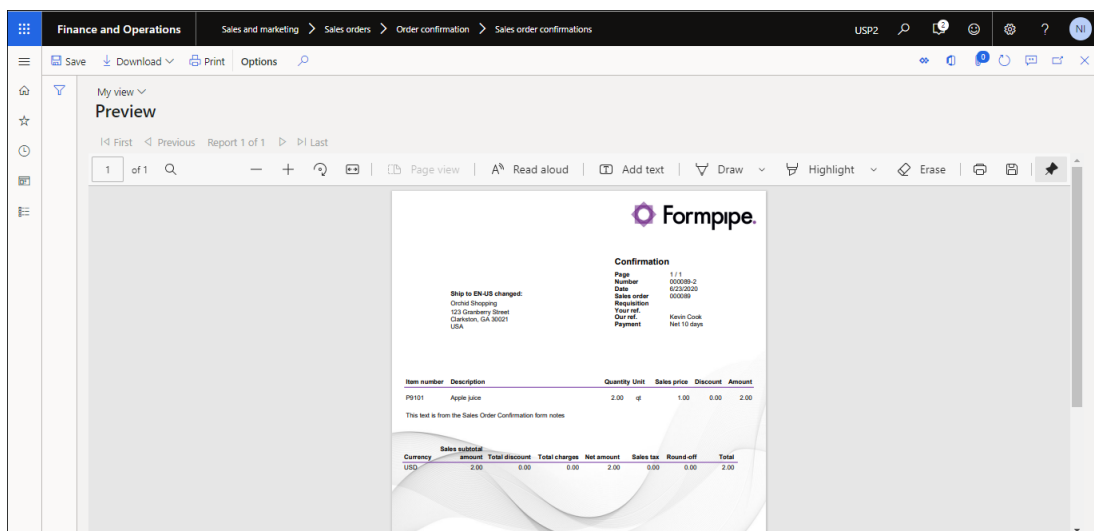
Lasernet Azure command name to rep...:

Lasernet Azure command name to D3...:

8. On **Lasernet Server > Lasernet Developer > Modules**, ensure ListeningOnFiles is **Active** and the Directory Path matches the **Outgoing Connection** on your Lasernet server in step 3. If this is completed and deployed, the Lasernet Server in LAC will **Validate** successfully.

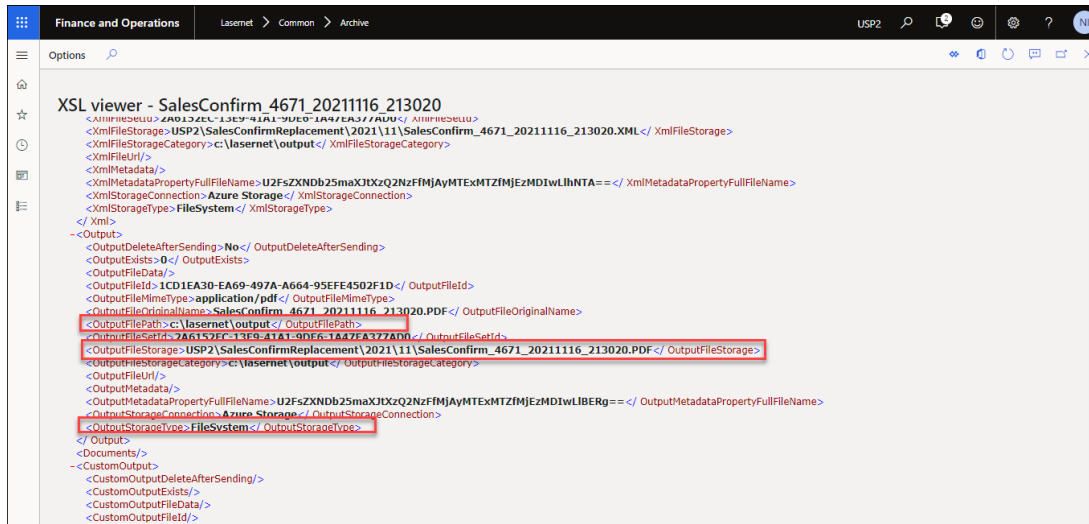


9. Try printing a report to this server from Dynamics 365 FO. As a test, print to Lasetnet Screen.



10. Review the XML file generated by Lasetnet Connector. OutputFilePath is populated with the path you determined in the Connection. OutFileStorage is populated, and

OutputStorageType is FileSystem.

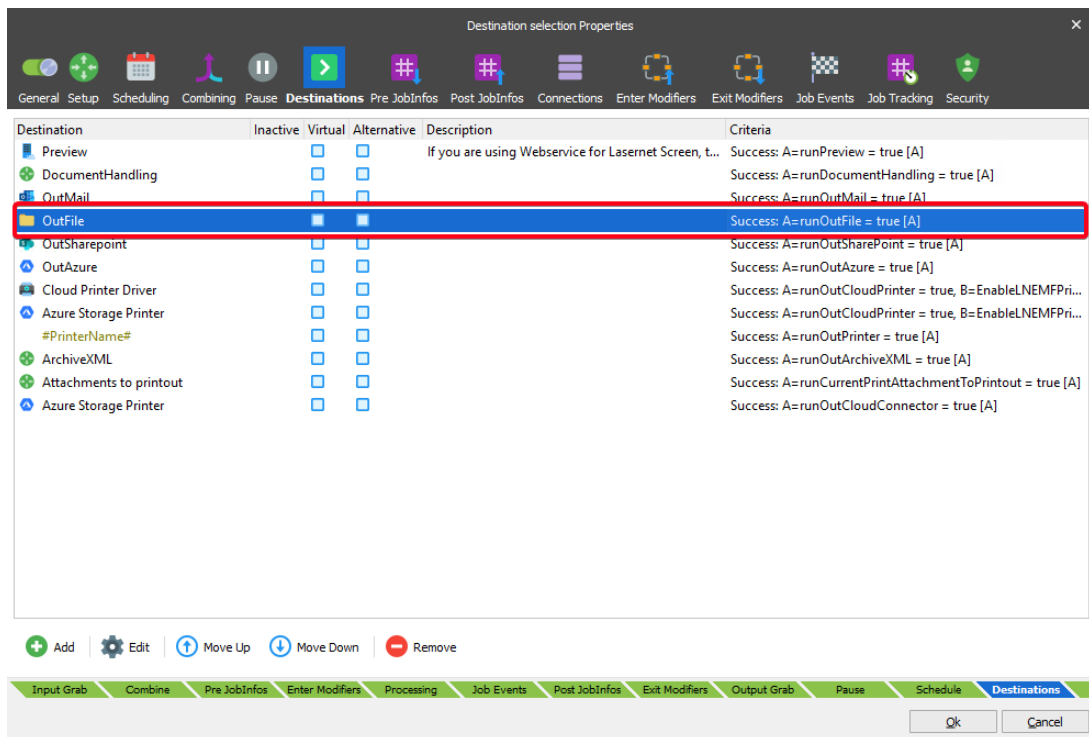


## Process in the Lasernet Server

Follow these steps:

1. Navigate to the **Lasernet server > Lasernet Developer > Modules**.
2. Select the **Destination Selection** Pass-Through and select the **Destinations** tab.

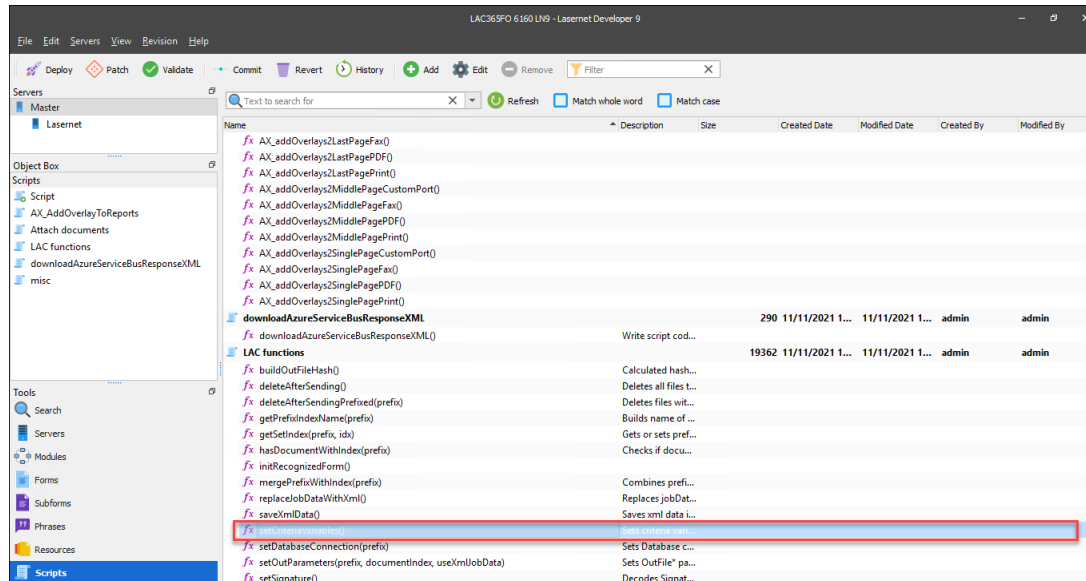
The **OutFile** output module in the Default configuration depends on the jobInfo runOutFile = true.



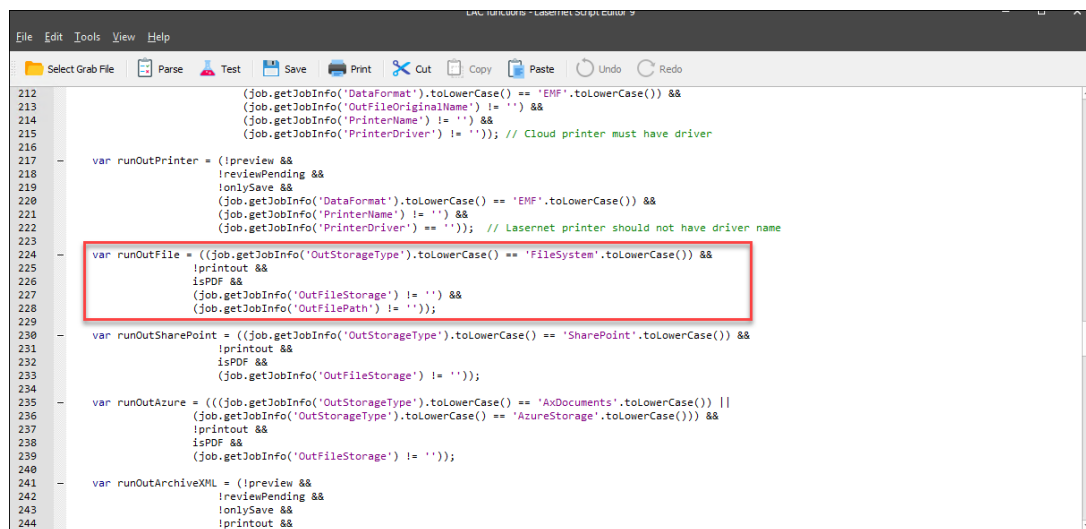
This jobinfo is set in script setCriteriaVariables().

3. Close the **Destination selection** Pass-through , select **Scripts**.

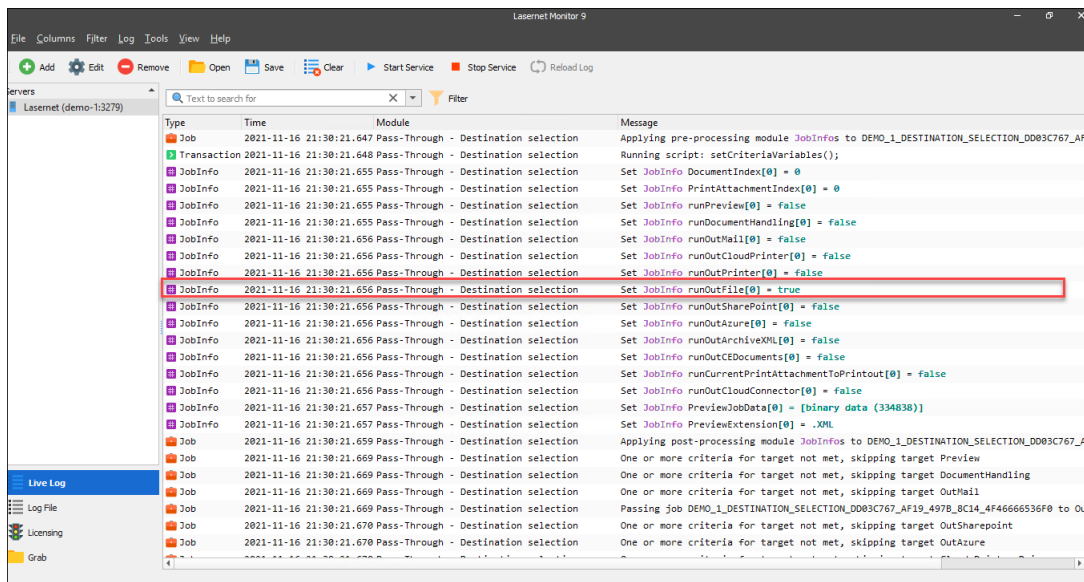
4. Scroll down to **LAC Functions** and double-click on **setCriteriaVariables()**.



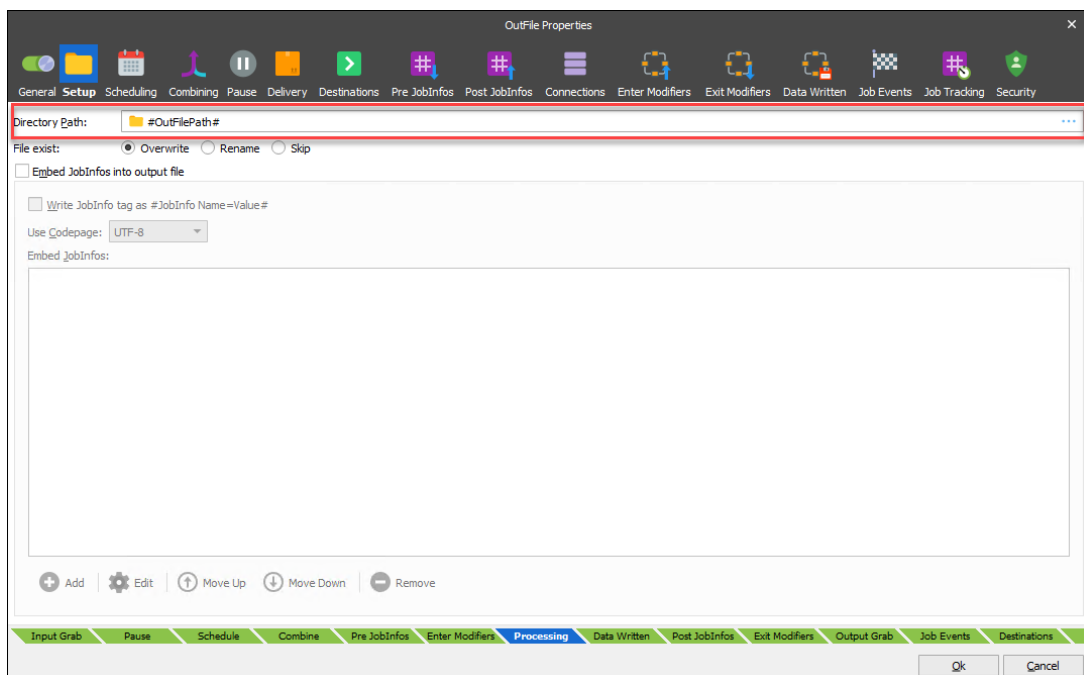
5. Scroll to the line where **var runOutFile** is set. Variable runOutFile will only be true if the jobInfo **OutStorageType** is **FileSystem**, the job is not a printOut, the file is a PDF, and both **OutFileStorage** and **OutFilePath** are not empty. All these conditions are met with the setups carried out in Lasetnet Connector.



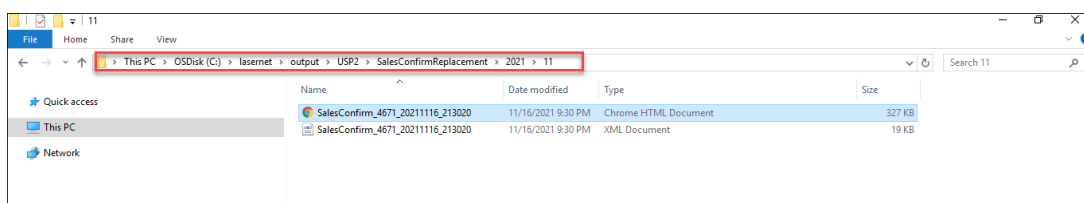
6. You can verify the value for runOutFile in the **Lasetnet Monitor**.



If runOutFile is true, the job is sent to the **OutFile** module and jobInfo **OutFilePath** is used as the **Directory Path**.



7. To verify files are being sent to the proper Directory path, navigate to the directory path. The file is saved.



## How to stop XML from being saved in the File Output Folder with a PDF

There are two ways to avoid having an XML file saved in the File Output Folder with a PDF.

The first way is to disable Archiving. Follow these steps:

1. Open FO and navigate to **Lasernet > Reports > Archive**.
2. In the **Archive** field, select **No**.

The screenshot shows the 'Archive' settings form. The 'Archive' dropdown menu is highlighted with a red box and contains the value 'No'. Other fields include 'Subfolder mask', 'Allow forced rerun', 'Destinations to archive' (set to 'Last'), 'Report life span', 'Resend menu item', 'Table for archive' (set to 'ChequeTmp'), 'Save XML' (set to 'No'), and 'Disable print job status tracking' (set to 'No'). The top right corner of the form shows 'No' and an upward arrow.

The second way is to enable Archiving with Save XML disabled. Follow these steps to do so:

1. Select **Default** under the **Archive** field.
2. Toggle the **Save XML** to **No**.

The screenshot shows the 'Archive' settings form. The 'Archive' dropdown menu is highlighted with a red box and contains the value 'Default'. The 'Save XML' toggle switch is also highlighted with a red box and is set to 'No'. Other fields include 'Subfolder mask', 'Allow forced rerun', 'Destinations to archive' (set to 'Last'), 'Report life span', 'Resend menu item', 'Table for archive' (set to 'ChequeTmp'), and 'Disable print job status tracking' (set to 'No'). The top right corner of the form shows 'Default' and an upward arrow.