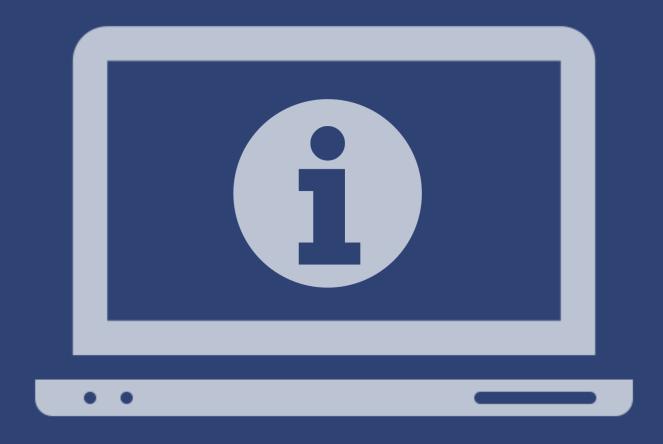
# Concord Folder Fax

# Complete User Guide

Version 4.x





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The fax service provider who provided the software reserves the right to make changes without notice to this publication. The fax service provider and software shall not be responsible for any damages, consequential or otherwise, caused by reliance on the materials presented herein, including typographical errors.

#### More Information

Additional support can be provided through:

Email: premiumsupport@concord.net

Telephone: +1 (206) 441-3346, option 2

Fax: +1 (206) 441-7965

Website: https://concordfax.com/folderfax/

Premium Support hours are Monday – Friday, 6:00am to 6:00pm (Pacific Time)

# **TABLE OF CONTENTS**

Préface	5
Getting Started	6
System Requirements	6
Installation and Upgrade	6
License Agreement	14
Getting Familiar with the Interface	15
Using Folder Fax	18
Service Description	18
Folder Fax Manager	18
Overrides	19
Folder Fax Profile Configuration	26
Folder Info	26
Cover Page Info	29
Folder Fax General Settings	31
General Settings	31
Advanced Settings	32
Managing the Folder Fax Service	35
Starting the Folder Fax Service	35
Stopping the Folder Fax Service	36
Refreshing the Folder Fax Service	36
Installation Verification	36
Testing Your Configuration	37
Troubleshooting / FAQs	38

Concord Sup	port	41
Appendix A:	DateTime Format	42

# Préface

Welcome to Concord Folder Fax: a Windows utility that helps to send faxes using Concord Web Services. The Concord Folder Fax application monitors folders configured in the Folder Fax Manager. Once configured, and the service is running, sending faxes is as simple as creating new files to be faxed in the monitored folder(s).

#### Who this Guide is for?

The Concord Folder Fax User Guide provides helpful information for any administrator tasked with the installation and/or the configuration of service utility applications.

# **Getting Started**

This chapter provides information required to get started with the Folder Fax application. The following topics are included:

- System Requirements
- Installation and Upgrade Procedures
- License Agreement
- Getting Familiar with the Interface

## System Requirements

- To use Concord Folder Fax, you must have a Concord Fax account.
- Supported operating systems: Windows 2012, Windows 2016, Windows 2019, and Windows 2022
- Folder Fax requires a .Net version 4.8 or higher.
- Folder Fax requires at least 64 megabytes(MB) of RAM (128MB is recommended).
- Folder Fax requires at least 50 megabytes(MB) of available space on the hard disk (more may be required based on the level of traffic to handle).

# Installation and Upgrade

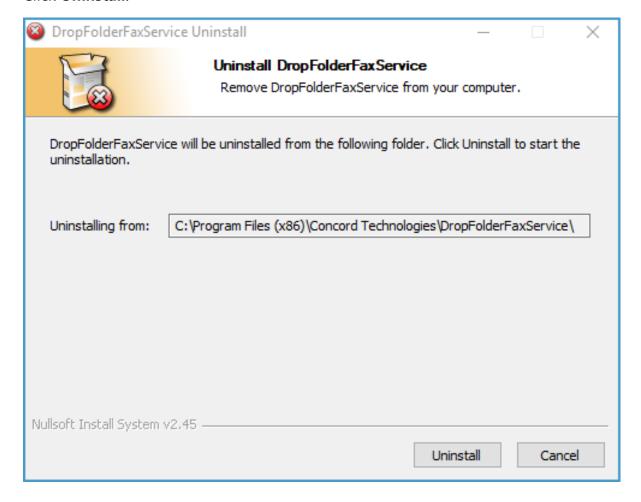
If you are installing Folder Fax for the first time, please skip to the <a href="step-by-step">step-by-step</a> installation procedures. If you are upgrading Folder Fax to the latest version, please follow the instructions directly below.

## Upgrading an Existing Install

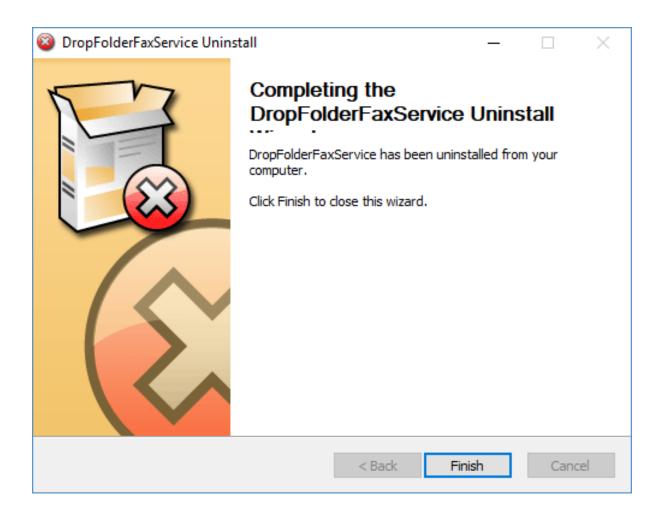
To upgrade Folder Fax, you will first need to uninstall the current version of the application from your workstation. **Note**: You will have the ability to migrate current settings to the new version, during the install.

The following screenshots will guide you to start this process:

- → Go to Control Panel -> Add Remove Programs/ Programs and Features
- → Right click on the Folder Fax service you are running (either DropFolderFax or FolderFax) and click on Uninstall/Change to remove the application from the workstation.
- → Click Uninstall.



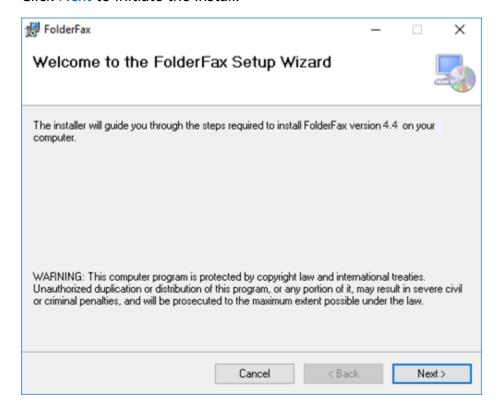
→ On the successful completion of the uninstall, the following window will be displayed:



→ Then follow the step - by - step instructions as discussed in <u>Step - by - Step Installation Procedure</u> section above

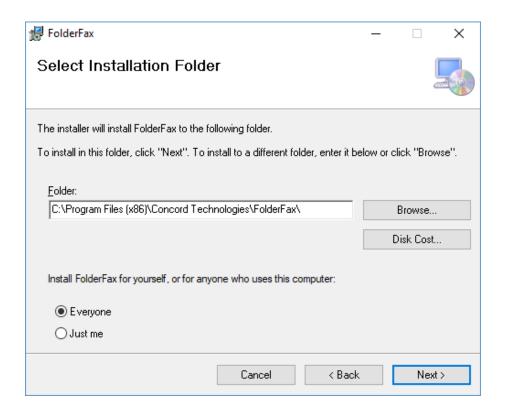
### Step-by-Step Installation Procedure

- → Download the Folder Fax Installer
- → Disable any anti-virus software before installing Folder Fax
- → Run the install setup by double clicking the FolderFaxInstall.msi file
- → Click Next to initiate the install.

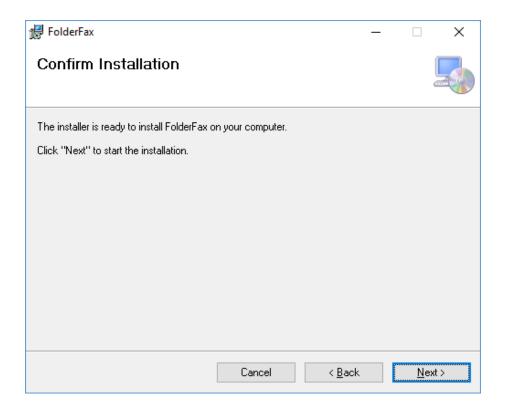


→ Accept the default Destination Folder and click Next

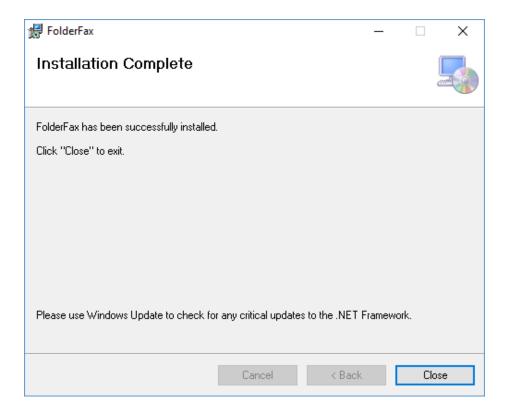
Note: If preferred, you can change the installation location.



→ Click Next to start the installation.



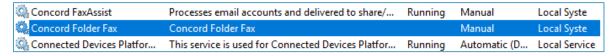
- → A progress bar will display your installation progress
- → Once finished, you will get a successful installation notification, click Close to exit the installer



### Windows Service Security Settings (optional)

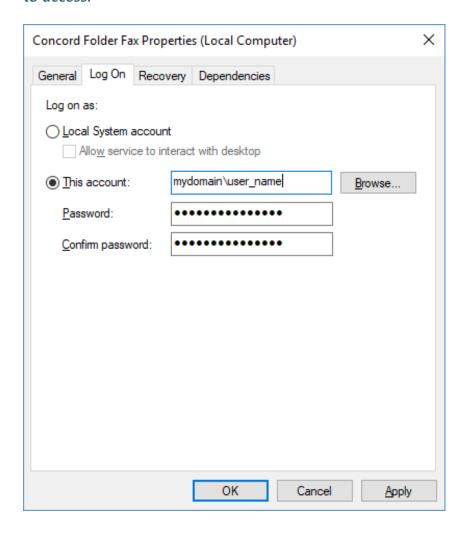
If this application needs windows permissions to print or save files to disk, then you must set the permissions for the Windows service using the username/password that has access to the resources.

To set permission go to **Start > Control Panel > Administrative Tools** and open **Services**. Find the service Concord Folder Fax as shown below.



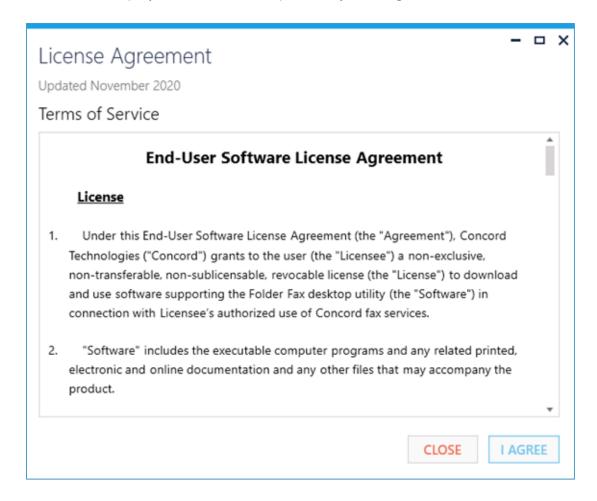
Right click on the service and select **Properties**. Click on the **Log On** tab and change the "Log on as" to "This account" and type in the windows account that is required to access the remote resources such as printer or file storage.

Note: This is only required if the remote resource requires windows permissions to access.



## License Agreement

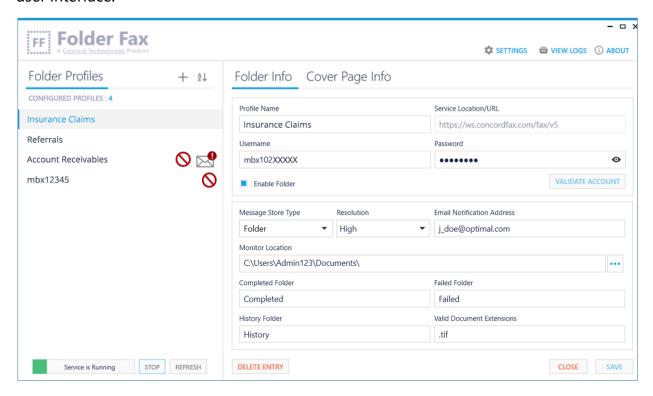
On the first launch of the Folder Fax application after installation, the software license agreement will be displayed. Confirm acceptance by clicking on **I AGREE**.



Note: This is a one-time notification and will no longer appear after installation.

# Getting Familiar with the Interface

As a first-time user, it is recommended to take a few minutes to get familiar with the user interface.



The main screen is divided into 2 sections. On the left side of the screen, you will see a list of configured folders, along with controls to Add and Sort folders. Below this list are controls for starting and stopping the service. On the right side, will be the details associated with the folder selected. Above the folder information you will see a few additional options: Settings, View Logs, and About.

#### Add Profile "+"

Click on the button, to bring up a new screen to configure a new folder profile. For more information about the Folder Profile record please see the <a href="Profile Configuration">Profile Configuration</a> Profile Configuration section of this document.

#### Sort

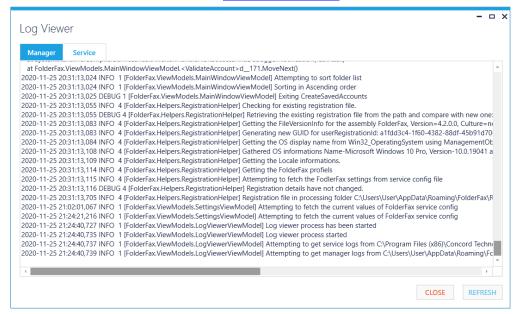
Click on the Sort button to arrange the profiles in ascending or descending alphabetical order.

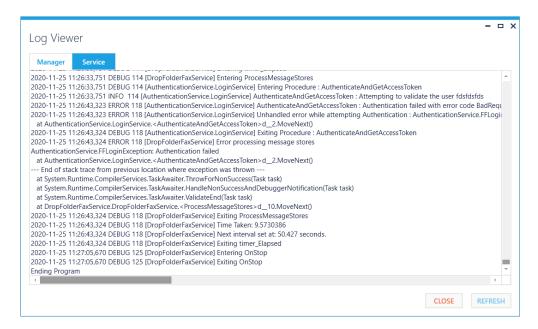
#### Settings

The Settings screen allows you to configure application behaviors such as the Service Interval, Document Extensions as well as Notification settings. For more information about the Settings, please see the General Settings section of this document.

#### View Logs

The View Logs button will display the log viewer which allows you to monitor the Folder Fax Service activities and the Folder Fax Manager activities. It will provide details to assist with troubleshooting, and to provide to technical support. For more information about the logs, please see the <u>Troubleshooting</u> section of this document.





#### **About**

For version and licensing information, as well as instructions for requesting technical assistance, click on the **ABOUT** button.



# Using Folder Fax

The Folder Fax application monitors folders configured in the Folder Fax Manager. Once configured, and the service is running, sending faxes is as simple as creating new files to be faxed in the monitored folder(s).

## Service Description

At the specified interval setting configured in the Folder Fax Manager, a monitored folder is checked for new files. When new files are found, they are moved to a unique job folder and they are examined for overrides of any of the configured fields, such as the fax number. Once the file has been validated, it is packaged and submitted to Concord via Web Services. If the submission is successful, the fax request is moved to the completed folder location. If the submission failed, the fax request is moved to the failed folder location. Both the failed and completed folder locations are configured in the Folder Fax Manager. All activity is captured in log files that are helpful for review or in the event an issue occurs.

# Folder Fax Manager

The Folder Fax Manager is an easy-to-use tool for configuring the Folder Fax service. This User Guide will provide details on the various configuration settings. For some of the settings, the values entered are default settings that apply to the faxes submitted from the monitored folder. These default settings can be overridden. If no overrides exist the fax will be submitted with the settings configured in the Folder Fax Manager, such as the destination Fax Number. Please see the <a href="Overrides">Overrides</a> section on the options offered for overrides.

**Overrides** 

Overrides are often necessary when sending faxes. The most common override is the

destination Fax Number. Unless your workflow requires that all files be are being sent to

the same fax number, you will want to override that setting.

Folder Fax offers two methods for overriding the configuration settings within the Folder

Fax Manager: FileName Overrides and XML Overrides.

FileName Overrides

The fax file placed in the monitored folder can have information added to the filename

to provide override values that will change the default behavior defined for the folder in

Folder Fax Application Manager.

\*\*Important: Filenames must be unique, and they must

be no longer than 255 characters.

Tokens used in the filename will be provided in the following format: the token name,

followed by an equal "=" sign, then an open brace "{", then the value, and then followed

by a closed brace "}".

Example Fax Token Format: fax={12065551212}

Below are some examples of filenames, and the rules that will apply to faxing that

document.

Example 1: faxjob1-07280812341233.doc

As there are no overrides, your fax will be sent to default fax number, and will use

the default email address, both of which are defined in the folder profile in Folder

19

Fax Manager.

Example 2: fax={12065551212}faxjob1-job112345.doc

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As the fax token is provided, your fax will be sent to the specified fax number but will use the default email notification address defined for the folder.

# Example 3: fax={12065551212}email={someone@domain.com}faxjob1-job112345.doc

As both the fax token and the email notification address token are provided, your fax will be sent to the specified fax number and the notification will be sent to the specified email address.

# Example 4: fax={12065551212}ReferenceID={A123456}faxjob1-job112345.doc

As both the fax token and the ReferenceID token are provided, your fax will be sent to the specified fax number and the ReferenceID will be captured along with the other metadata related to this outbound fax job.

#### **Recommendation:**

Although not required, it is **strongly recommended** that filenames include a unique identifier be included in the filename. For those clients who fax the same document multiple times within the monitored interval, if not named uniquely then it is possible that files would be overwritten in the monitored folder.

**Recommended filename with date:** Add date time to filename down to the millisecond. faxjob1-07280812341233.doc

**Recommended filename with unique ld:** The file is obtained from a database that contains unique identifiers that would never be repeated. faxjob1-job112345.doc

Filename Overrides are **not case sensitive**, and each override can be included by its full token name or by a supported short-code.

Please refer to the list of supported Override Tokens.

#### **XML** Overrides

When a fax is dropped into a monitored folder it can have a matching XML file also dropped into the folder, that contains a list of override values that will change the default behavior defined for the folder in Folder Fax Application Manager.

**Required:** The name of the xml file (minus the extension) **must match** the same name as the document being faxed.

**Example: job103-FaxFile.tif** would need a matching file **job103-FaxFile.xml**. Include in the xml file any values that should be overridden from the default folder settings.

Note: if you are using this approach, first place the XML file in the folder, then place the document to be faxed in the folder to avoid having the file picked up before the XML file is present. As another approach, you can also place an extension on the document file such as ".temp" to avoid it being processed until you rename to a valid extension name.

#### Sample XML Override File

```
<?xml version="1.0" encoding="utf-8" ?>
   <EmailNotificationAddress>myemail@mydomain.com</EmailNotificationAddress>
   <FaxNumber>19995551212</FaxNumber>
   <CoverName>CoverName</CoverName>
   <CoverSubject>CoverSubject</CoverSubject>
   <CoverText>CoverText</CoverText>
   <RecipientCompany>RecipientCompany/RecipientCompany>
   <RecipientName>RecipientName</RecipientName>
   <RecipientTitle>RecipientTitle
   <ReferenceId>ReferenceId</ReferenceId>
   <Resolution>High</Resolution>
   <SenderCompany>SenderCompany</SenderCompany>
   <SenderCSID>SenderCSID</SenderCSID>
   <SenderFax>SenderFax</SenderFax>
   <SenderName>SenderName</SenderName>
   <SenderPhone>SenderPhone</SenderPhone>
   <JobScheduleStartType>Immediate</JobScheduleStartType>
   <JobScheduleStartDate></JobScheduleStartDate>
   <JobExpiryDate></JobExpiryDate>
</FaxJob>
```

#### XML Override Scenarios

**Scenario 1:** Your monitored folder has a default fax number and notification email address set in Folder Fax Manager. You want to drop a file in the folder that will go to a different fax number and different notification address.

```
<FaxJob>
    <FaxNumber>12065551212</FaxNumber>
    <EmailNotificationAddress>someone@domain.com</EmailNotificationAddress>
</FaxJob>
```

**Scenario 2:** Your monitored folder has a default fax number and notification email address set in Folder Fax Manager. However, you want to schedule the fax to go out at a future date and also include a ReferenceId.

```
<FaxJob>
     <JobScheduleStartType>Scheduled</JobScheduleStartType>
     <JobScheduleStartDate>2008-07-28T14:00:00-0800</JobScheduleStartDate>
     <ReferenceId>123456</ReferenceId>
     </FaxJob>
```

Please refer to the list of supported Override Tokens.

# Supported Override Tokens

As mentioned above, Folder Fax supports overrides to modify default settings on a per fax message basis. Below is a list of supported override tokens:

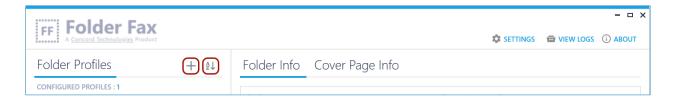
Token	Short-Code	Description
CoverName	CN	Must match one of the Concord server-side cover page names defined for web services
CoverSubject	CS	Subject to place on the cover page
CoverText	СТ	Text to place in body of cover page
EmailNotificationAddress	ENA EMAIL	Email address that final notification will be sent to
FaxNumber	FAX FN	Contains the fax number that the document should be faxed to
JobExpiryDate	JED	Date/Time that a fax should be expired if not delivered by the defined date/time. See <a href="Date Time Format">Date Time Format</a> for date format required.
JobScheduleStartDate	JSSD	Date/Time that a fax should be scheduled for. See Date Time Format for date format required. See <a href="Date Time Format">Date Time Format</a> for date format required.
JobScheduleStartType	JSST	Values are Immediate or Scheduled. Immediate is default. If Scheduled is set, then the JobScheduleStartDate field must be set to indicate the time the fax should be scheduled for. See <a href="Date Time Format">Date Time Format</a> for date format required.

Token	Short-Code	Description
Recipient Address 1	RA1	Recipient Address Line 1 to place on cover page
RecipientAddress2	RA2	Recipient Address Line 2 to place on cover page
RecipientCity	RCI	Recipient City to place on cover page
RecipientCompany	RCO	Recipient Company to place on cover page.
RecipientCountry	RCT	Recipient Country to place on cover page.
RecipientField1-12	RF1-12	Recipient Fields to place on cover page
RecipientFirstName	RFN	Recipient First Name to place on cover page
RecipientLastName	FLN	Recipient Last Name to place on cover page
RecipientName	RN	Recipient Name to place on cover page
RecipientState	RS	Recipient State to place on cover page
RecipientTitle	RT	Recipient Title to place on cover page
RecipientVoiceNumber	RVN	Recipient Voice Number to place on cover page
RecipientZipCode	RZC	Recipient Zip Code to place on cover page
ReferenceID	RID	Reference Identifier for job tracking
Resolution	R	Set the resolution for fax
SenderCompany	SC	Sender Company to place on cover page
SenderCSID	SID	Sender CSID to be included in the fax header

Token	Short-Code	Description
SenderFax	SF	Sender Fax to place on cover page
SenderName	SN	Sender Name to place on cover page
SenderPhone	SP	Sender Phone to place on cover page
UserField2-12	UF2-12	User Fields to be saved as metadata

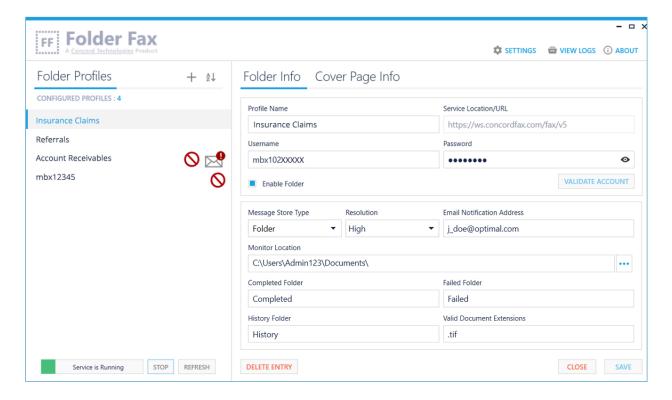
# Folder Fax Profile Configuration

The Concord Folder Fax application is designed to monitor configured folders and send faxes using Concord Web Services. Monitored folders are set up using profiles. To create a new profile, click on the ADD PROFILE button on the Folder Profile panel. To sort the user profile alphabetically, click on the SORT button.



#### Folder Info

The Folder Info screen will display the necessary items for configuring a monitored folder and capturing the necessary information for sending faxes.



#### Profile Name

The Profile Name field is used to identify the account profile you are creating. The only requirement for this alphanumeric field is that it must be unique.

#### **Service Location**

The Service Location/URL is the address used to connect to the Concord Web Service. By default, the service location will be https://ws.concordfax.com/fax/v5 which cannot be modified.

#### Username

Enter the Username that has been provided by Concord.

Example: mbx12065551212

#### **Password**

Enter the Password that has been supplied by Concord for the Username that you have defined.

#### **Enable Folder**

Selecting the Enable Folder checkbox will essentially turn on the monitoring of this folder for documents to be sent via fax. Folders that are not enabled will be flagged with the following icon

#### Validate Account

By Clicking on the Validate Account Button you can validate the account credentials, giving you immediate knowledge of an issue with the credentials you have entered.

In the case of invalid account credentials, an error icon flag an account with invalid credentials.

### Message Store Type

The Message Store Type represents the message store type for the account. Currently, the only valid type is folder.

Default value: folder

#### Resolution

The Resolution field allows you to define the fax resolution (quality) for this account.

The options include Low and High.

Default value: High

#### **Email Notification Address**

Enter the Email Notification Address where you want the final notifications for this account to be sent.

Example: myemail@mydomain.com

#### Monitor Location

Enter the Monitor Location which needs to be checked for new faxes by the Folder Fax service. The folder location can be chosen using the browse button.

*Example*: d:\foldertomonitor\

Note: If you are saving to a Network Storage location, you will need to use the full UNC path (e.g., \\server\<user>\Faxes\FolderFax)

### Completed Folder

Enter the Completed Folder that represents the folder or directory where successful faxes will be stored. As this is a relative location, you should **NOT** specify the file path. Default value: completed

#### Failed Folder

Enter the Failed Folder that represents the folder or directory where failed faxes will be stored. As this is a relative location, you should **NOT** specify the file path.

Default value: failed

## History Folder

Enter the History Folder that represents the folder or directory where history files will be stored. As this is a relative location, you should **NOT** specify the file path.

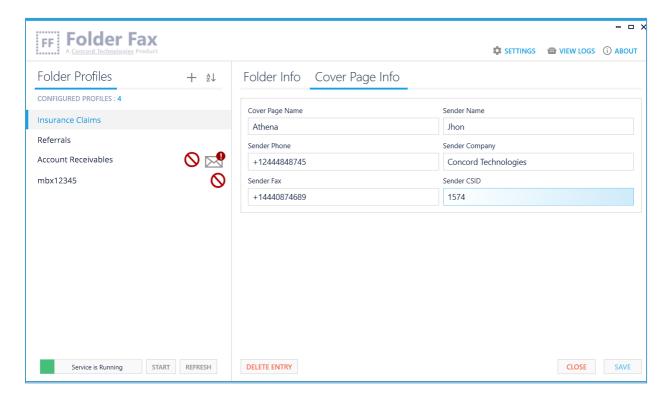
Default value: history

#### Valid Document Extensions

The Valid Document extensions field allows you to define the list of file extensions that can be sent via fax. Document extensions added to this comma delimited list must be supported by the Concord network. If no extensions are included in the folder configuration, FolderFax will honor those entered in the Settings tab, Example: tif, doc, pdf, xls, html

## Cover Page Info

The Cover Page Info screen will allow you to specify a cover page and configure the default settings that you want to include on all faxes sent from this folder.



#### Cover Page Name

Enter the Cover Page Name that you want to include on all faxes sent from this folder. It is important to note that the Cover Page Name **must** match a Concord server-side cover page name.

#### Sender Name

Enter the Sender Name to be displayed on the cover page.

#### Sender Phone

Enter the Sender Phone to be displayed on the cover page.

## Sender Company

Enter the Sender Company to be displayed on the cover page.

#### Sender Fax

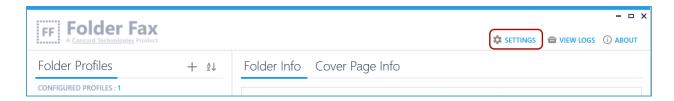
Enter the Sender Fax Number to be displayed on the cover page.

#### Sender CSID

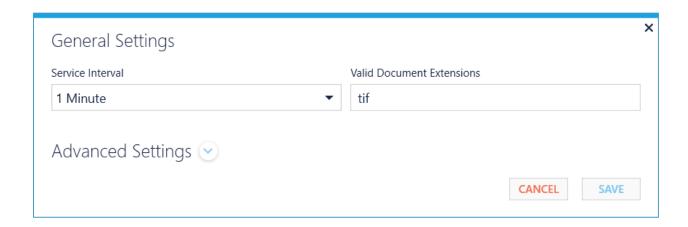
Enter the Sender CSID to be included in the fax header (at the top of every page).

# Folder Fax General Settings

To configure the settings applicable to all profiles within Folder Fax, click on the SETTINGS button at the top of the Folder Fax Manager UI.



## **General Settings**



#### Service Interval

The Service Interval setting allows you to configure the time interval in which you want to monitor the folder or folders to send faxes. This interval setting applies to all the configured folders. Choices include: 1, 5, 10, 15, 30 and 60 minutes.

Default value: 1 Minute

#### Valid Document Extensions

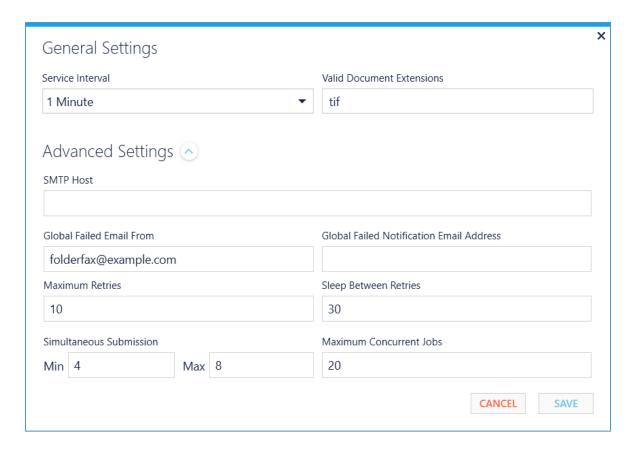
The Valid Document Extensions field is a comma delimited list of file extensions that can be sent via fax. Document extensions added to this list must be supported by the

Concord network. This field is a default list for your application, you can override the list of file extensions for a particular folder within the Folder Info screen.

Example: tif, doc, pdf, xls, html

## **Advanced Settings**

To display and configure advanced settings, click on the expand arrow next to the Advanced Settings heading.



#### **SMTP Host**

Specify the SMTP Host that will be used for sending submission failure notifications.

Note: If the SMTP Host is not defined, then submission failure notifications will **NOT** be generated.

Global Failure Email From

The Global Failure Email From is the email address that will be used as the sender for

any application failure notifications. This should be a valid email address, so that any

failures to deliver a notification will bounce back to this email. It also provides a way of

knowing that an email was generated by the Folder Fax application.

Default value: folderfax@example.com

Global Failed Notification Email Address

Enter the Global Failed Notification Email Address that should be notified for any failures

that happen with the application. This is typically the email address of the application

Administrator.

Note: If this email address is not defined, then global failure notifications will

**NOT** be generated.

Maximum Retries

The Maximum Retries setting defines the maximum number of attempts to submit the

fax to Concord to be tried in the event of a temporary outage such as intermittent

internet connectivity or DNS resolution.

Default value: 10

Sleep between Retries

The Sleep Between Retries setting defines the number of seconds that a submission

attempt should wait between retries.

Default value: 30

Simultaneous Submission

The Simultaneous Submission settings define the minimum and maximum thread

counts.

Minimum Thread Count: defines the minimum number of threads that will be

idle and waiting to process asynchronous submissions.

Default value: 4

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33

Maximum Thread Count: defines the maximum number of threads that will be idle and waiting to process asynchronous submissions.

Default value: 8

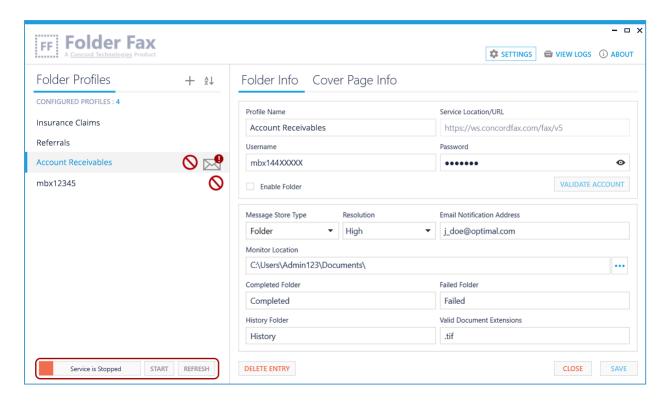
#### **Maximum Concurrent Jobs**

The Maximum Concurrent Jobs setting defines the maximum number of jobs that should be processed during a single interval.

Default value: 20

# Managing the Folder Fax Service

Controls for starting, stopping and refreshing the service are provided on the bottom left corner of the Folder Fax Manager UI.

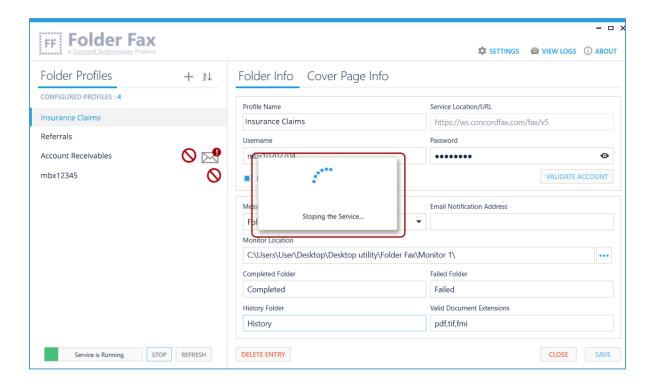


# Starting the Folder Fax Service

Folder Fax is intended to run as a service. Once you have configured your folder profiles, the service should run continuously collecting and submitting your outbound faxes. You can configure Folder Fax to automatically start when your computer boots (see the FAQs section for more information), or you can manually start the service.

To start the service manually, click on the Start button. You may see an in-progress message, while the service is starting up.

Once started, the status will turn green and display that the service is running.



## Stopping the Folder Fax Service

To stop the service, click on the Stop button, and the status will turn red and display that the service is stopped.

# Refreshing the Folder Fax Service

Click on the Refresh button to refresh the status of the Folder Fax service.

#### Installation Verification

The Folder Fax application keeps a log of all actions that are performed by the service. This is a good starting point should things not appear to be working properly.

You can access the log files by clicking on the View Logs button in the upper right-hand corner of the Folder Fax Manager UI. Look for the word ERROR in the log file for any configuration issues or problems in processing email accounts. **Note:** The logs will not be generated until the service has been started.

## **Testing Your Configuration**

By this point you should have completed the necessary steps to begin using the Folder Fax application, after the installation.

#### These include:

- Confirm or configure your general settings, including the file types that are to be processed
- Configure the folders that are to be monitored, including all the mandatory fields
- Start / Restart the Folder Fax service to load the new configurations

To test your configuration, first make sure the service is running, then place a document, with a supported file type in the configured folder. Within the specified interval, the Folder Fax service will see the file, and submit it to Concord for faxing.

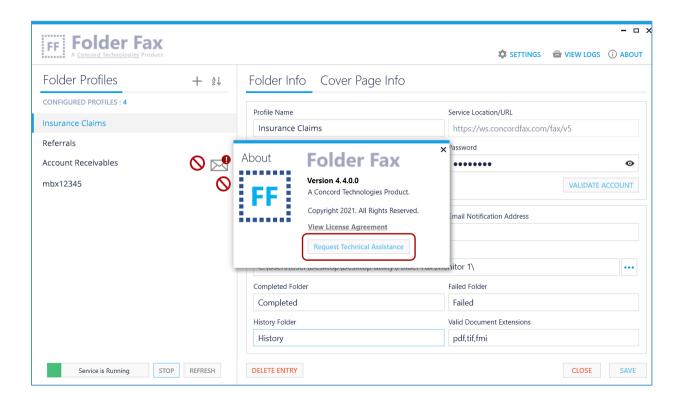
Note: The destination fax number is defined by the option you have chosen. Either the default fax number configured within the Folder Fax Manager, as a File Name Override, or within an XML Override. Please see the <u>Overrides</u> section for more information.

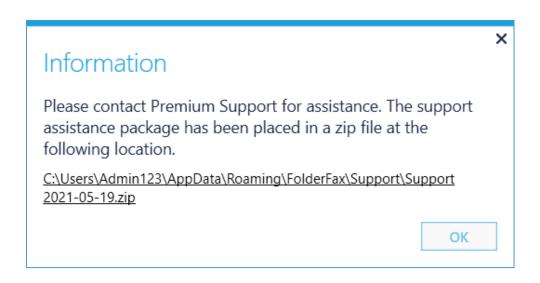
# Troubleshooting / FAQs

Question: I need help with Concord Folder Fax, what do I need when I contact Support?

Folder Fax will create log files for all interactions, and any potential errors that may occur. If you experience any problems using the application, the Concord Support team will require these log files to troubleshoot the issue.

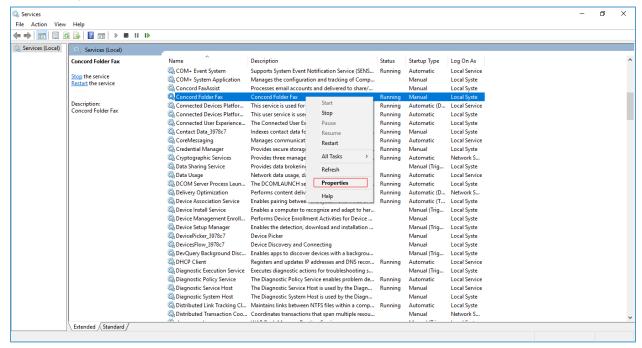
You can find these log files bundled in a zip file, by simply clicking on the Request Technical Assistance link found in the About screen.



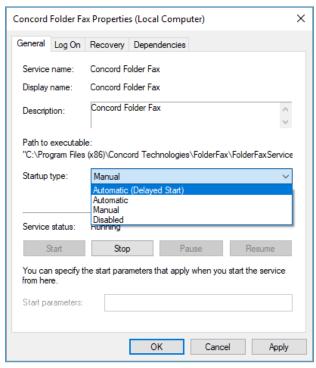


Question: How can I have the Folder Fax Service start automatically when my computer boots?

By default, the Folder Fax Service will be set to manually start (meaning you will need to start the service from the UI, or from the Services Manager). However, you can configure this service to automatically start when the computer boots. To do so, go into the Services Manager (type Windows+R keys to open the Run dialog, type services.msc and press Enter), and right click on the Concord Folder Fax service, and select Properties.



From the Startup Type dropdown, choose Automatic of Automatic (Delayed Start), and save your settings. Note, **Automatic** will **start** during the boot process, while services set to **start** as **Delayed** will **start** shortly after boot. **Starting** your service **Delayed** improves the boot performance of your server and has some security benefits.



Question: How can I have Folder Fax Manager start automatically when my computer boots?

- → If you do not already have a shortcut to Folder Fax, you will need to create one, and drag it to the desktop.
- Next, open Run command box by simultaneously pressing Windows logo and R keys (Windows logo + R). In the Run command field, type shell:startup and then press Enter key to open Startup folder.
- → Finally, copy and paste or cut and paste the app shortcut from the desktop to this **Startup** folder to add the app to startup.

# **Concord Support**

Should you need any assistance with Folder Fax or any other Concord product or service, please contact our Premium Support Team.

• Email: premiumsupport@concord.net

• Telephone: +1 (206) 441-3346, option 2

• Fax: + 1 (206) 441-7965

Premium Support hours are Monday – Friday, 6:00am to 6:00pm (Pacific Time)

# Appendix A: DateTime Format

All the parameters requiring date and time information need to be passed in the format given below. All date and time fields will be returned by the web service in a string formatted as displayed below.

Date Part	Description
YYYY	The year in four digits
ММ	The month number in two digits (01 – January and 12 – December).
DD	The date in two digits (01 – 31).
Т	Literal separator between date and time.
НН	The hour in two digits, it must be in 24-hour format (00 – 23).
ММ	The minute in two digits (00 – 59).
SS	The seconds in two digits (00 – 59).
+ -	+ or - sign depending on time zone offset from UTC (ET is -05:00).
TZH	Time zone offset hour part in two digits.
TZM	Time zone offset minute part in two digits.

**Example:** November 30 2021, 6:03:15 AM in Pacific Time (PT) would be: 2021-11-30T060315-0800

#### **Rules for Scheduled Start Date and Time:**

- If you specify a scheduled date and time which is in the past, the system will reset it to immediate (Current date and time)
- If you specify a scheduled date and time which is more than 4 days, the system will reject the job with an error "ERROR: Scheduled DateTime specified exceeds maximum allowed defer time." (error code -5040)

#### **Rules for Expiry Start Date and Time:**

- If you specify an expiry date and time which is in the past, the system will reset it to the default which is 2 days.
- If you specify an expiry date and time which is less than the scheduled date and time, the system will reset it to the default which is 2 days more than scheduled start date and time.
- If you specify an expiry date and time which is more than 2 days, the system will reset it to the default of 2 days.