



*GFI FaxMaker Online Outbound Web  
Services*

V.1.0.

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This is the first edition of this publication.

## **Version**

This document describes the GFI FaxMaker Online Application Developer Interface for fax outbound web services.

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## Introduction

This document describes the Gfifax Application Developer Interface for faxws outbound web services.

## Overview

Developers can use GFI FaxMaker Online's fax services by developing applications to interact with our fax outbound web services. Developers can now choose from a wide variety of platforms to develop their applications.

Our web services are secure since they require transport layer encryption (HTTPS). Note that HTTPS is required.

## Getting Started

Before you start developing applications using the GFI FaxMaker Online Developer Outbound Web Services API you will need the following -

### Internet Access

GFI FaxMaker Online outbound web services require HTTPS access through port 443.

The URL for the web service WSDL is - <https://ws.gfifax.com/fax/v5/faxws.wsdl>

### Development Tools

A development environment that supports web services is required.

### GFI FaxMaker Online Account

An account (with outbound services capability) from GFI is required to use the outbound web services.



## API Reference

### Phone Number Dialing Rules

- Fax numbers can be in one of these formats
  - **North American Numbers** - In this format the fax number is prefixed with the long distance access code '1' (Country code). After '1' the fax number consists of an area code (3 digits) and local number (7 digits). A leading '1' is mandatory for North American numbers.
  - **International recipient in US dial-able format** - In this format, '011' is added in front of the international number. For example 01133112345678 would be considered as country code 33, followed by the area code and fax number. You can also specify International numbers without '011'. As an example 33112345678 would be considered as country code 33, followed by the area code and fax number.

\*\* Any non-numeric digits will be filtered out by the gateway from any fax numbers (+,(.) etc...);

## Supported Document Types

Description	Extension	FileTypeId
TIFF (G3)	.tif	1
TIFF (G4)	.tif	2
TIFF merge cover files	.tif	4
Word Document	.doc,docx	100
PDF Document	.pdf	101
RTF Document	.rtf	102
Excel Document	.xls .xlsx	103
PowerPoint Document	.ppt .pptx	104
Text file	.txt	105
Visio Document	.vsd .vsdx	106
GIF Image	.gif	107
JPEG Image	.jpg .jpeg	108
Color TIFF	.tif	109
HTML	.htm .html	111
MHTML	.mht .mhtml	112

## Interface Methods

This section describes the available interface methods.

### 1.0 CancelFax

#### Description

This function can be used to submit a cancel request for a previously submitted job using the job ID string.

#### Syntax

**bool** CancelFax(**string** *UserID*, **string** *strPIN*, **string** *JobId*, **out WSError** *WSError*)

	Parameters	Type	Definition
Input	<i>UserID</i>	<b>string</b>	<i>(Required)</i> String representing the GFI FaxMaker Online assigned Username. Example: mbx12065551212
	<i>strPIN</i>	<b>string</b>	<i>(Required)</i> String representing the password
	<i>JobId</i>	<b>string</b>	<i>(Required)</i> String representing the fax number
Output	<i>WSError</i>	<b>WSError</b>	Return Error details. See <b>Appendix A</b> for more details about WSError definition
Result	<i>Return</i>	<b>bool</b>	True/False indicating result of method call

#### Remarks

- See next page for Soap Request/Response examples

### CancelFax Soap 1.1 Request

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <CancelFax xmlns="urn:FaxWS">
      <UserID>string</UserID>
      <strPIN>string</strPIN>
      <JobId>string</JobId>
    </CancelFax>
  </soap:Body>
</soap:Envelope>
```

### CancelFax Soap 1.1 Response - CancelFaxResponse

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:FaxWS="urn:FaxWS">
  <SOAP-ENV:Body>
    <FaxWS:CancelFaxResponse>
      <FaxWS:return>boolean</FaxWS:return>
      <FaxWS:WSError>
        <FaxWS:ErrorCode>int</FaxWS:ErrorCode>
        <FaxWS:ErrorString>string</FaxWS:ErrorString>
      </FaxWS:WSError>
    </FaxWS:CancelFaxResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## 2.0 CheckService

### Description

This method can be used to check the connectivity with GFI FaxMaker Online Web Services

### Syntax

**string** CheckService()

	Parameters	Type	Definition
Input			
Result	<i>Return</i>	<b>string</b>	Returns "Server Is Up" if connect successful and service is ready to take requests.

### CheckService Soap 1.1 Request

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap=http://schemas.xmlsoap.org/soap/envelope/
  xmlns:xsi=http://www.w3.org/2001/XMLSchema-instance
  xmlns:xsd=http://www.w3.org/2001/XMLSchema>

  <soap:Body>
    <CheckService xmlns="urn:FaxWS" />
  </soap:Body>
</soap:Envelope>
```

### CheckService Soap 1.1 Response

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV=http://schemas.xmlsoap.org/soap/envelope/
  xmlns:SOAP-ENC=http://schemas.xmlsoap.org/soap/encoding/
  xmlns:xsi=http://www.w3.org/2001/XMLSchema-instance
  xmlns:xsd=http://www.w3.org/2001/XMLSchema
  xmlns:FaxWS="urn:FaxWS">

  <SOAP-ENV:Body>
    <FaxWS:CheckServiceResponse>
      <FaxWS:return>string</FaxWS:return>
    </FaxWS:CheckServiceResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 3.0 GetFaxBroadcastReport

#### Description

This function can be used to submit a report request for a previously submitted fax broadcast job using the job ID string. The out parameter contains error information (if the job submission failed). This function requires a fax broadcast account.

#### Syntax

**bool** GetFaxBroadcastReport(**string** UserID, **string** strPIN, **string** JobId, **int** RecipientType, **string** RecipAddress, out **WSError** WSError)

	Parameters	Type	Definition
Input	UserID	<b>string</b>	<i>(Required)</i> String representing the GFI assigned Username. Example: mbx12065551212
	strPIN	<b>string</b>	<i>(Required)</i> String representing the password
	JobId	<b>string</b>	Return account information. See <b>Appendix A</b> for more details about GfifaxAccount definition
	RecipientType	<b>Int</b>	Report recipient type: 0=email, 1=fax
Output	WSError	<b>WSError</b>	Return Error details. See <b>Appendix A</b> for more details about WSError definition
Result	Return	<b>bool</b>	True/False indicating result of method call

#### Remarks

- See next page for Soap Request/Response examples

### GetFaxBroadcastReport Soap 1.1 Request

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <GetFaxBroadcastReport xmlns="urn:FaxWS">
      <UserID>string</UserID>
      <strPIN>string</strPIN>
      <JobId>string</JobId>
      <RecipientType>int</RecipientType>
      <RecipAddress>string</RecipAddress>
    </GetFaxBroadcastReport>
  </soap:Body>
</soap:Envelope>
```

### GetFaxBroadcastReport Soap 1.1 Response

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:FaxWS="urn:FaxWS">
  <SOAP-ENV:Body>
    <FaxWS:GetFaxBroadcastReportResponse>
      <FaxWS:return>boolean</FaxWS:return>
      <FaxWS:WSError>
        <FaxWS:ErrorCode>int</FaxWS:ErrorCode>
        <FaxWS:ErrorString>string</FaxWS:ErrorString>
      </FaxWS:WSError>
    </FaxWS:GetFaxBroadcastReportResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## 4.0 GetFaxBroadcastStatus

### Description

This function can be used to request status of a fax broadcast using the job ID string. The out parameter contains error information (if the job status failed). This function requires a fax broadcast account.

### Syntax

**bool** GetFaxBroadcastStatus(**string** UserID, **string** strPIN, **FaxBroadcastStatusRequest** request, out **RecipientStatusList** StatusList, out **WSError** WSError)

	Parameters	Type	Definition
Input	UserID	<b>string</b>	<i>(Required)</i> String representing the GFI FaxMaker Online assigned Username. Example: mbx12065551212
	strPIN	<b>string</b>	<i>(Required)</i> String representing the password
	Request	<b>FaxBroadcastStatusRequest</b>	<i>(Required)</i> See <b>Appendix A</b> for more details about <b>FaxBroadcastStatusRequest</b> definition
Output	StatusList	<b>RecipientStatusList</b>	Return a list of <b>RecipientStatus</b> . See <b>Appendix A</b> for more details about <b>RecipientStatus</b> definition
	WSError	<b>WSError</b>	Return Error details. See <b>Appendix A</b> for more details about <b>WSError</b> definition
Result	Return	<b>Bool</b>	True/False indicating result of method call

### Remarks

- See next page for Soap Request/Response examples



### GetFaxBroadcastStatus Soap 1.1 Request

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:FaxWS="urn:FaxWS">
  <SOAP-ENV:Body>
    <FaxWS:GetFaxBroadcastStatus>
      <FaxWS:UserID></FaxWS:UserID>
      <FaxWS:strPIN></FaxWS:strPIN>
      <FaxWS:request>
        <FaxWS:JobId></FaxWS:JobId>
        <FaxWS:StartRecipientId>-1</FaxWS:StartRecipientId>
        <FaxWS:EndRecipientId>-1</FaxWS:EndRecipientId>
        <FaxWS:RecipientStatus>-1</FaxWS:RecipientStatus>
      </FaxWS:request>
    </FaxWS:GetFaxBroadcastStatus>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### GetFaxBroadcastStatus Soap 1.1 Response

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:FaxWS="urn:FaxWS">
  <SOAP-ENV:Body>
    <FaxWS:FaxBroadcastStatusResponse>
      <FaxWS:return>>false</FaxWS:return>
      <FaxWS:RecipientStatusList
        <FaxWS:item>
          <FaxWS:FaxJobId></FaxWS:FaxJobId>
          <FaxWS:RecipientId>0</FaxWS:RecipientId>
          <FaxWS:RecipientStatusId>0</FaxWS:RecipientStatusId>
          <FaxWS:RecipientStatusDescription></FaxWS:RecipientStatusDescription>
          <FaxWS:RecipientName></FaxWS:RecipientName>
          <FaxWS:RecipientCompanyName></FaxWS:RecipientCompanyName>
          <FaxWS:DeliveryAttempts>0</FaxWS:DeliveryAttempts>
          <FaxWS:DeliveryDuration>0</FaxWS:DeliveryDuration>
          <FaxWS:DeliverySpeed>0</FaxWS:DeliverySpeed>
          <FaxWS:ReceiveCSID></FaxWS:ReceiveCSID>
          <FaxWS:PageCount>0</FaxWS:PageCount>
          <FaxWS:FaxNumber></FaxWS:FaxNumber>
          <FaxWS:StartDate></FaxWS:StartDate>
          <FaxWS:EndDate></FaxWS:EndDate>
        </FaxWS:item>
      </FaxWS:RecipientStatusList>
      <FaxWS:WSError>
        <FaxWS:ErrorCode>0</FaxWS:ErrorCode>
        <FaxWS:ErrorString></FaxWS:ErrorString>
      </FaxWS:WSError>
    </FaxWS:FaxBroadcastStatusResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## 5.0 GetFaxCoverList

### Description

This method can be used to retrieve a list of built-in cover pages Syntax

**bool** GetFaxCoverList(**string** UserID, **string** strPIN, **out FaxCover[]** FaxCoverList, **int** RecipientType, **string** RecipAddress, **out WSError** WSError)

	Parameters	Type	Definition
<b>Input</b>	UserID	<b>string</b>	<i>(Required)</i> String representing the GFI FaxMaker Online assigned Username. Example: mbx12065551212
	strPIN	<b>string</b>	<i>(Required)</i> String representing the password
<b>Output</b>	FaxCoverList	<b>FaxCover[]</b>	Return cover page list. See <b>Appendix A</b> for more details about WSError definition
	WSError	<b>WSError</b>	Return Error details. See <b>Appendix A</b> for more details about WSError definition
<b>Result</b>	Return	<b>bool</b>	True/False indicating result of method call

### Remarks

- See next page for Soap Request/Response examples

### GetFaxCoverList Soap 1.1 Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:urn="urn:FaxWS">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:GetFaxCoverList>
      <urn:UserID>string</urn:UserID>
      <urn:strPIN>string</urn:strPIN>
    </urn:GetFaxCoverList>
  </soapenv:Body>
</soapenv:Envelope>
```

### GetFaxCoverList Soap 1.1 Response

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:FaxWS="urn:FaxWS">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <FaxWS:FaxCoverResponse>
      <FaxWS:return>boolean</FaxWS:return>
      <FaxWS:FaxCoverList>
        <!--Zero or more repetitions:-->
        <FaxWS:item>
          <FaxWS:FaxCoverName>string</FaxWS:FaxCoverName>
        </FaxWS:item>
      </FaxWS:FaxCoverList>
      <FaxWS:WSError>
        <FaxWS:ErrorCode>int</FaxWS:ErrorCode>
        <FaxWS:ErrorString>string</FaxWS:ErrorString>
      </FaxWS:WSError>
    </FaxWS:FaxCoverResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## 6.0 GetFaxStatus

### Description

This function can be used to query the current status of multiple previously submitted fax jobs using the job ID string. The out parameters contain the fax status array (one per Job ID) and error information (if the job submission failed).

**bool** GetFaxStatus(**string** UserID, **string** strPIN, **FaxJobId[]** FaxJobIds, **out FaxStatus[]** FaxStatusList, **out WSError** WSError)

	Parameters	Type	Definition
Input	UserID	<b>string</b>	<i>(Required)</i> String representing the GFI FaxMaker Online assigned Username. Example: mbx12065551212
	strPIN	<b>string</b>	<i>(Required)</i> String representing the password
	FaxJobIds	<b>FaxJobId[]</b>	Array of job IDs to request status for. See <b>Appendix A</b> for more details about FaxJobId definition
Output	FaxStatusList	<b>FaxStatus[]</b>	Return array with results of each requested FaxJobId. See <b>Appendix A</b> for more details about FaxStatus definition.
	WSError	<b>WSError</b>	Return Error details. See <b>Appendix A</b> for more details about WSError definition
Result	Return	<b>bool</b>	True/False indicating result of method call

### Remarks

- See next page for Soap Request/Response examples
- While requesting status for jobs, the user can either specify the GFI FaxMaker Online Job Id which is returned as part of job send responses (In 'brxxx' format) or the customer specified Referenceld prefixed with 'JRI-' ('JRI-Referenceld'). if the user is planning to use Referenceld as a way to identify a specific job, The user need to ensure the uniqueness of the Referenceld (Customer provided Identifier) while submitting the fax requests

### GetFaxStatus Soap 1.1 Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:urn="urn:FaxWS">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:GetFaxStatus>
      <urn:UserID>string</urn:UserID>
      <urn:strPIN>string</urn:strPIN>
      <urn:FaxJoblds>
        <!--One or more repetitions:-->
        <urn:item>
          <urn:Jobld>string</urn:Jobld>
        </urn:item>
      </urn:FaxJoblds>
    </urn:GetFaxStatus>
  </soapenv:Body>
</soapenv:Envelope>
```

### GetFaxStatus Soap 1.1 Response - FaxStatusResponse

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:FaxWS="urn:FaxWS" xmlns:C3JM="urn:C3JM" xmlns:VS="urn:VSWS">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <FaxWS:FaxStatusResponse>
      <FaxWS:return>boolean</FaxWS:return>
      <FaxWS:FaxStatusList>
        <!--Zero or more repetitions:-->
        <FaxWS:item>
          <FaxWS:FaxJobld>string</FaxWS:FaxJobld>
          <FaxWS:FaxJobStatusId>int</FaxWS:FaxJobStatusId>
          <FaxWS:StatusDescription>string</FaxWS:StatusDescription>
          <FaxWS:Error>
            <FaxWS:ErrorCode>int</FaxWS:ErrorCode>
            <FaxWS:ErrorString>string</FaxWS:ErrorString>
          </FaxWS:Error>
        </FaxWS:item>
      </FaxWS:FaxStatusList>
      <FaxWS:WSError>
        <FaxWS:ErrorCode>int</FaxWS:ErrorCode>
        <FaxWS:ErrorString>string</FaxWS:ErrorString>
      </FaxWS:WSError>
    </FaxWS:FaxStatusResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## 7.0 GetRealTimeFaxStatus

### Description

This function can be used to query the real time status (including pages sent) of multiple previously submitted fax jobs using the job ID string. The out parameters contain the real time fax status array (one per Job ID) and error information (if the job submission failed).

**bool** GetRealTimeFaxStatus(**string** UserID, **string** strPIN, **FaxJobId[]** FaxJobIds, **out RealTimeFaxStatus[]** FaxStatusList, **out WSError** WSError)

	Parameters	Type	Definition
Input	UserID	<b>string</b>	<i>(Required)</i> String representing the GFI FaxMaker Online assigned Username. Example: mbx12065551212
	strPIN	<b>string</b>	<i>(Required)</i> String representing the password
	FaxJobIds	<b>FaxJobId[]</b>	Array of job IDs to request status for. See <b>Appendix A</b> for more details about FaxJobId definition
Output	FaxStatusList	<b>RealTimeFaxStatus[]</b>	Return array with results of each requested FaxJobId. See <b>Appendix A</b> for more details about RealTimeFaxStatus definition.
	WSError	<b>WSError</b>	Return Error details. See <b>Appendix A</b> for more details about WSError definition
Result	Return	<b>bool</b>	True/False indicating result of method call

### Remarks

- See next page for Soap Request/Response examples
- While requesting status for jobs, the user can either specify the GFI FaxMaker Online Job Id which is returned as part of job send responses (In 'brxxx' format) or the customer specified Referenceld prefixed with 'JRI-' ('JRI-Referenceld'). if the user is planning to use Referenceld as a way to identify a specific job, The user need to ensure the uniqueness of the Referenceld (Customer provided Identifier) while submitting the fax requests

## GetRealTimeFaxStatus Soap 1.1 Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:urn="urn:FaxWS">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:GetRealTimeFaxStatus>
      <urn:UserID>string</urn:UserID>
      <urn:strPIN>string</urn:strPIN>
      <urn:FaxJobIds>
        <!--One or more repetitions:-->
        <urn:item>
          <urn:JobId>string</urn:JobId>
        </urn:item>
      </urn:FaxJobIds>
    </urn:GetRealTimeFaxStatus>
  </soapenv:Body>
</soapenv:Envelope>
```

## GetRealTimeFaxStatus Soap 1.1 Response - RealTimeFaxStatusResponse

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:FaxWS="urn:FaxWS" xmlns:C3JM="urn:C3JM" xmlns:VS="urn:VSWS">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <FaxWS:RealTimeFaxStatusResponse>
      <FaxWS:return>boolean</FaxWS:return>
      <FaxWS:FaxStatusList>
        <!--Zero or more repetitions:-->
        <FaxWS:item>
          <FaxWS:FaxJobId>string</FaxWS:FaxJobId>
          <FaxWS:FaxJobStatusId>int</FaxWS:FaxJobStatusId>
          <FaxWS:StatusDescription>string</FaxWS:StatusDescription>
          <FaxWS:RecipientState>int</FaxWS:RecipientState>
          <FaxWS:RecipientCurrentPageCount>int</FaxWS:RecipientCurrentPageCount>
          <FaxWS:RecipientTotalPageCount>int</FaxWS:RecipientTotalPageCount>
          <FaxWS:Error>
            <FaxWS:ErrorCode>int</FaxWS:ErrorCode>
            <FaxWS:ErrorString>string</FaxWS:ErrorString>
          </FaxWS:Error>
        </FaxWS:item>
      </FaxWS:FaxStatusList>
      <FaxWS:WSError>
        <FaxWS:ErrorCode>int</FaxWS:ErrorCode>
        <FaxWS:ErrorString>string</FaxWS:ErrorString>
      </FaxWS:WSError>
    </FaxWS:RealTimeFaxStatusResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## 8.0 GetRealTimeFaxStatusEx

### Description

This function can be used to query the real time status (including pages sent if job is in progress) of multiple previously submitted fax jobs using the job ID string. The out parameters contain the real time fax status array (one per Job ID) and error information (if the job submission failed). If the request is sent after the job has been delivered it also returns fax call duration, delivery date/time and remote fax CSID.

**bool** GetRealTimeFaxStatusEx(**string** UserID, **string** strPIN, **FaxJobId[]** FaxJobIds, **out RealTimeFaxStatusEx[]** FaxStatusList, **out WSError** WSError)

	Parameters	Type	Definition
Input	UserID	<b>String</b>	<i>(Required)</i> String representing the GFI FaxMaker Online assigned Username. Example: mbx12065551212
	strPIN	<b>String</b>	<i>(Required)</i> String representing the password
	FaxJobIds	<b>FaxJobId[]</b>	Array of job IDs to request status for. See <b>Appendix A</b> for more details about FaxJobId definition
Output	FaxStatusList	<b>RealTimeFaxStatusEx[]</b>	Return array with results of each requested FaxJobId. See <b>Appendix A</b> for more details about RealTimeFaxStatusEx definition.
	WSError	<b>WSError</b>	Return Error details. See <b>Appendix A</b> for more details about WSError definition
Result	Return	<b>Bool</b>	True/False indicating result of method call

### Remarks

- See next page for Soap Request/Response examples
- While requesting status for jobs, the user can either specify the GFI FaxMaker Online Job Id which is returned as part of job send responses (In 'brxxx' format) or the customer specified Referenceld prefixed with 'JRI-' ('JRI-Referenceld'). if the user is planning to use Referenceld as a way to identify a specific job, The user need to ensure the uniqueness of the Referenceld (Customer provided Identifier) while submitting the fax requests.



### GetRealTimeFaxStatusEx Soap 1.1 Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:urn="urn:FaxWS">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:GetRealTimeFaxStatusEx>
      <urn:UserID>string</urn:UserID>
      <urn:strPIN>string</urn:strPIN>
      <urn:FaxJobIds>
        <!--One or more repetitions:-->
        <urn:item>
          <urn:JobId>string</urn:JobId>
        </urn:item>
      </urn:FaxJobIds>
    </urn:GetRealTimeFaxStatusEx>
  </soapenv:Body>
</soapenv:Envelope>
```

### GetRealTimeFaxStatusEx Soap 1.1 Response

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:FaxWS="urn:FaxWS">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <FaxWS:RealTimeFaxStatusExResponse>
      <FaxWS:return>boolean</FaxWS:return>
      <FaxWS:FaxStatusList>
        <!--Zero or more repetitions:-->
        <FaxWS:item>
          <FaxWS:FaxJobId>string</FaxWS:FaxJobId>
          <FaxWS:FaxJobStatusId>int</FaxWS:FaxJobStatusId>
          <FaxWS:StatusDescription>string</FaxWS:StatusDescription>
          <FaxWS:RecipientState>int</FaxWS:RecipientState>
          <FaxWS:RecipientCurrentPageCount>int</FaxWS:RecipientCurrentPageCount>
          <FaxWS:RecipientTotalPageCount>int</FaxWS:RecipientTotalPageCount>
          <FaxWS:FaxDeliveryDateTime>string</FaxWS:FaxDeliveryDateTime>
          <FaxWS:FaxDeliveryDuration>int</FaxWS:FaxDeliveryDuration>
          <FaxWS:RemoteFaxCSID>string</FaxWS:RemoteFaxCSID>
          <FaxWS:Error>
            <FaxWS:ErrorCode>int</FaxWS:ErrorCode>
            <FaxWS:ErrorString>Success</FaxWS:ErrorString>
          </FaxWS:Error>
        </FaxWS:item>
      </FaxWS:FaxStatusList>
      <FaxWS:WSError>
        <FaxWS:ErrorCode>int</FaxWS:ErrorCode>
        <FaxWS:ErrorString>string</FaxWS:ErrorString>
      </FaxWS:WSError>
    </FaxWS:RealTimeFaxStatusExResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## 9.0 GetRealTimeFaxStatusEx2

### Description

This method has the same functionalities as GetRealTimeFaxStatus except it also returns Referenceld as part of the response message.

**bool** GetRealTimeFaxStatusEx2(**string** UserID, **string** strPIN, **FaxJobId[]** FaxJobIds, **out RealTimeFaxStatusEx2[]** FaxStatusList, **out WSError** WSError)

	Parameters	Type	Definition
Input	UserID	<b>String</b>	<i>(Required)</i> String representing the GFI FaxMaker Online assigned Username. Example: mbx12065551212
	strPIN	<b>String</b>	<i>(Required)</i> String representing the password
	FaxJobIds	<b>FaxJobId[]</b>	Array of job IDs to request status for. See <b>Appendix A</b> for more details about FaxJobId definition
Output	FaxStatusList	<b>RealTimeFaxStatusEx2[]</b>	Return array with results of each requested FaxJobId. See <b>Appendix A</b> for more details about RealTimeFaxStatusEx2 definition.
	WSError	<b>WSError</b>	Return Error details. See <b>Appendix A</b> for more details about WSError definition
Result	Return	<b>Bool</b>	True/False indicating result of method call

### Remarks

- See next page for Soap Request/Response examples
- While requesting status for jobs, the user can either specify the GFI FaxMaker Online Job Id which is returned as part of job send responses (In 'brxxxx' format) or the customer specified Referenceld prefixed with 'JRI-' ('JRI-Referenceld'). if the user is planning to use Referenceld as a way to identify a specific job, The user need to ensure the uniqueness of the Referenceld (Customer provided Identifier) while submitting the fax requests.

### GetRealTimeFaxStatusEx2 Soap 1.1 Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:urn="urn:FaxWS">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:GetRealTimeFaxStatusEx2>
      <urn:UserID>string</urn:UserID>
      <urn:strPIN>string</urn:strPIN>
      <urn:FaxJobIds>
        <!--One or more repetitions:-->
        <urn:item>
          <urn:JobId>string</urn:JobId>
        </urn:item>
      </urn:FaxJobIds>
    </urn:GetRealTimeFaxStatusEx2>
  </soapenv:Body>
</soapenv:Envelope>
```

### GetRealTimeFaxStatusEx2 Soap 1.1 Response

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:FaxWS="urn:FaxWS">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <FaxWS:RealTimeFaxStatusEx2Response>
      <FaxWS:return>boolean</FaxWS:return>
      <FaxWS:FaxStatusList>
        <!--Zero or more repetitions:-->
        <FaxWS:item>
          <FaxWS:FaxJobId>string</FaxWS:FaxJobId>
          <FaxWS:FaxJobStatusId>int</FaxWS:FaxJobStatusId>
          <FaxWS:StatusDescription>string</FaxWS:StatusDescription>
          <FaxWS:RecipientState>int</FaxWS:RecipientState>
          <FaxWS:RecipientCurrentPageCount>int</FaxWS:RecipientCurrentPageCount>
          <FaxWS:RecipientTotalPageCount>int</FaxWS:RecipientTotalPageCount>
          <FaxWS:FaxDeliveryDateTime>string</FaxWS:FaxDeliveryDateTime>
          <FaxWS:FaxDeliveryDuration>int</FaxWS:FaxDeliveryDuration>
          <FaxWS:RemoteFaxCSID>string</FaxWS:RemoteFaxCSID>
          <FaxWS:Referenceld>string</FaxWS:Referenceld>
          <FaxWS:Error>
            <FaxWS:ErrorCode>int</FaxWS:ErrorCode>
            <FaxWS:ErrorString>Success</FaxWS:ErrorString>
          </FaxWS:Error>
        </FaxWS:item>
      </FaxWS:FaxStatusList>
      <FaxWS:WSError>
        <FaxWS:ErrorCode>int</FaxWS:ErrorCode>
        <FaxWS:ErrorString>string</FaxWS:ErrorString>
      </FaxWS:WSError>
    </FaxWS:RealTimeFaxStatusEx2Response>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## 10.0 SendFax

### Description

This function can be used to send multiple files as a fax to multiple recipients. The user can specify additional details about the recipients. The out parameters contain the job IDs (one per recipient), estimated time in seconds till job starts and error information (if the job submission failed).

**bool** SendFax(**string** UserID, **string** strPIN, **FaxJobRecipient[]** Recipients, **FaxJobFile[]** FaxJobFiles, **out FaxJobId[]** FaxJobIds, **out long** TTFP, **out WSError** WSError)

	Parameters	Type	Definition
Input	UserID	<b>string</b>	<i>(Required)</i> String representing the GFI FaxMaker Online assigned Username. Example: mbx12065551212
	strPIN	<b>string</b>	<i>(Required)</i> String representing the password
	Recipients	<b>FaxJobRecipient[]</b>	Array of recipient details. See Appendix A for more details about FaxJobRecipient definition
	FaxJobFiles	<b>FaxJobFile[]</b>	Array of file attachments. See Appendix A for more details about FaxJobFile definition
Output	FaxJobIds	<b>FaxJobId[]</b>	Return array of Job IDs. Each recipient submitted will result in a return JobId specific to that recipient. See Appendix A for more details about FaxJobId definition.
	TTFP	<b>Long</b>	Return estimated time in seconds before job will begin
	WSError	<b>WSError</b>	Return Error details. See Appendix A for more details about WSError definition
Result	Return	<b>bool</b>	True/False indicating result of method call

### Remarks

- See next page for Soap Request/Response examples

## SendFax Soap 1.1 Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:urn="urn:FaxWS">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:SendFax>
      <urn:UserID>string</urn:UserID>
      <urn:strPIN>string</urn:strPIN>
      <urn:Recipients>
        <!--One or more repetitions:-->
        <urn:item>
          <urn:RecipFaxNumber>string</urn:RecipFaxNumber>
          <urn:RecipCompany>string</urn:RecipCompany>
          <urn:RecipTitle>string</urn:RecipTitle>
          <urn:RecipName>string</urn:RecipName>
          <urn:RecipSecureCSID>string</urn:RecipSecureCSID>
        </urn:item>
      </urn:Recipients>
      <urn:FaxJobFiles>
        <!--One or more repetitions:-->
        <urn:item>
          <urn:FileIndex>int</urn:FileIndex>
          <urn:FileTypeId>int</urn:FileTypeId>
          <urn:FileData>base64Binary</urn:FileData>
        </urn:item>
      </urn:FaxJobFiles>
    </urn:SendFax>
  </soapenv:Body>
</soapenv:Envelope>
```

## SendFax Soap 1.1 Response

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:FaxWS="urn:FaxWS">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <FaxWS:FaxSendResponse>
      <FaxWS:return>boolean</FaxWS:return>
      <FaxWS:FaxJobIds>
        <!--Zero or more repetitions:-->
        <FaxWS:item>
          <FaxWS:JobId>string</FaxWS:JobId>
        </FaxWS:item>
      </FaxWS:FaxJobIds>
      <FaxWS:TTFP>long</FaxWS:TTFP>
      <FaxWS:WSError>
        <FaxWS:ErrorCode>int</FaxWS:ErrorCode>
        <FaxWS:ErrorString>string</FaxWS:ErrorString>
      </FaxWS:WSError>
    </FaxWS:FaxSendResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## 11.0 SendFaxEx

### Description

This function can be used to send multiple files as a fax to multiple recipients. The user can specify additional details about the recipients as well as the fax job (schedule, cover page, etc.). The out parameters contain the job IDs (one per recipient), estimated time in seconds till job starts and error information (if the job submission failed).

**bool** SendFaxEx(**string** UserID, **string** strPIN, **FaxJobRecipient[]** Recipients, **FaxJobFile[]** FaxJobFiles, **FaxJob** JobDetails, out **FaxJobId[]** FaxJobIds, out **long** TTFP, out **WSError** WSError)

	Parameters	Type	Definition
Input	UserID	<b>string</b>	<i>(Required)</i> String representing the GFI FaxMaker Online assigned Username. Example: mbx12065551212
	strPIN	<b>string</b>	<i>(Required)</i> String representing the password
	Recipients	<b>FaxJobRecipient[]</b>	Array of recipient details. See Appendix A for more details about FaxJobRecipient definition
	FaxJobFiles	<b>FaxJobFile[]</b>	Array of file attachments. See Appendix A for more details about FaxJobFile definition
	JobDetails	<b>FaxJob</b>	Job level information about fax job. See Appendix A for more details about FaxJob definition
Output	FaxJobIds	<b>FaxJobId[]</b>	Return array of Job IDs. Each recipient submitted will result in a return JobId specific to that recipient. See Appendix A for more details about FaxJobId definition.
	TTFP	<b>Long</b>	Return estimated time in seconds before job will begin
	WSError	<b>WSError</b>	Return Error details. See Appendix A for more details about WSError definition
Result	Return	<b>bool</b>	True/False indicating result of method call

### Remarks

- See next page for Soap Request/Response examples

## SendFaxEx Soap 1.1 Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:urn="urn:FaxWS">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:SendFaxEx>
      <urn:UserID>string</urn:UserID>
      <urn:strPIN>string</urn:strPIN>
      <urn:Recipients>
        <!--One or more repetitions:-->
        <urn:item>
          <urn:RecipFaxNumber>string</urn:RecipFaxNumber>
          <urn:RecipCompany>string</urn:RecipCompany>
          <urn:RecipTitle>string</urn:RecipTitle>
          <urn:RecipName>string</urn:RecipName>
          <urn:RecipSecureCSID>string</urn:RecipSecureCSID>
        </urn:item>
      </urn:Recipients>
      <urn:FaxJobFiles>
        <!--One or more repetitions:-->
        <urn:item>
          <urn:FileIndex>int</urn:FileIndex>
          <urn:FileTypeId>int</urn:FileTypeId>
          <urn:FileData>base64Binary</urn:FileData>
        </urn:item>
      </urn:FaxJobFiles>
      <urn:JobDetails>
        <urn:JobScheduleStartType>Int</urn:JobScheduleStartType>
        <urn:JobScheduleStartDate>String</urn:JobScheduleStartDate>
        <urn:JobExpiryDate>string</urn:JobExpiryDate>
        <urn:SenderCSID>string</urn:SenderCSID>
        <urn:SenderName>string</urn:SenderName>
        <urn:SenderCompany>string</urn:SenderCompany>
        <urn:SenderPhone>string</urn:SenderPhone>
        <urn:CoverText>string</urn:CoverText>
        <urn:CoverName> string </urn:CoverName>
        <urn:CoverSubject>string</urn:CoverSubject>
        <urn:Referenceld>string</urn:Referenceld>
        <urn:Resolution>string</urn:Resolution>
        <urn:SenderFax>string</urn:SenderFax>
        <urn:SoftwareClient>string</urn:SoftwareClient>
        <urn:NotifyType>int</urn:NotifyType>
        <urn:NotifyIncludeDeliveredImage>int</urn:NotifyIncludeDeliveredImage>
        <urn:NotifyDestination>string</urn:NotifyDestination>
        <urn:NotifyAuthUser>string</urn:NotifyAuthUser>
        <urn:NotifyAuthPassword>String</urn:NotifyAuthPassword>
      </urn:JobDetails>
    </urn:SendFaxEx>
  </soapenv:Body>
</soapenv:Envelope>
```

## SendFaxEx Soap 1.1 Response

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:FaxWS="urn:FaxWS" xmlns:C3JM="urn:C3JM" xmlns:VS="urn:VSWs">
  <SOAP-ENV:Header/>
```

```
<SOAP-ENV:Body>
  <FaxWS:FaxSendExResponse>
    <FaxWS:return>boolean</FaxWS:return>
    <FaxWS:FaxJobIds>
      <!--Zero or more repetitions:-->
      <FaxWS:item>
        <FaxWS:JobId>string</FaxWS:JobId>
      </FaxWS:item>
    </FaxWS:FaxJobIds>
    <FaxWS:TTFP>long</FaxWS:TTFP>
    <FaxWS:WSError>
      <FaxWS:ErrorCode>int</FaxWS:ErrorCode>
      <FaxWS:ErrorString>string</FaxWS:ErrorString>
    </FaxWS:WSError>
  </FaxWS:FaxSendExResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```



## 12.0 SendFaxBroadcast

### Description

This function can be used to send multiple files as a fax to multiple recipients. The user can specify additional details about the recipients as well as the fax broadcast job (schedule, cover page, user specified fields, etc.). The out parameters contain the job ID, estimated time in seconds till job starts and error information (if the job submission failed). This function requires a fax broadcast account.

**bool** SendFaxBroadcast(**string** UserID, **string** strPIN, **FaxJobRecipient[]** Recipients, **FaxJobFile[]** FaxJobFiles, **FaxBroadcastJob** JobDetails, out **string** FaxJobId, out **WSError** WSError)

	Parameters	Type	Definition
Input	UserID	<b>string</b>	<i>(Required)</i> String representing the GFI FaxMaker Online assigned Username. Example: mbx12065551212
	strPIN	<b>string</b>	<i>(Required)</i> String representing the password
	Recipients	<b>FaxJobRecipient[]</b>	Array of recipient details. See Appendix A for more details about FaxJobRecipient definition
	FaxJobFiles	<b>FaxJobFile[]</b>	Array of file attachments. See Appendix A for more details about FaxJobFile definition
	JobDetails	<b>FaxBroadcastJob</b>	Job level information about fax job. See Appendix A for more details about FaxJob definition
Output	FaxJobId	<b>string</b>	Returned Gfifax JobId
	WSError	<b>WSError</b>	Return Error details. See Appendix A for more details about WSError definition
Result	Return	<b>bool</b>	True/False indicating result of method call

### Remarks

- See next page for Soap Request/Response examples

## SendFaxBroadcast Soap 1.1 Request

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
<soap:Body>
<SendFaxBroadcast xmlns="urn:FaxWS">
  <UserID />
  <strPIN />
  <Recipients>
    <!--One or more repetitions:-->
    <item>
      <RecipFaxNumber>string</RecipFaxNumber>
      <RecipCompany>string</RecipCompany>
      <RecipTitle>string</RecipTitle>
      <RecipName>string</RecipName>
      <RecipSecureCSID>string</RecipSecureCSID>
      <RecipFirstName>string</RecipFirstName>
      <RecipLastName>string</RecipLastName>
      <RecipAddress1>string</RecipAddress1>
      <RecipAddress2>string</RecipAddress2>
      <RecipCity>string</RecipCity>
      <RecipState>string</RecipState>
      <RecipZipcode>string</RecipZipcode>
      <RecipCountry>string</RecipCountry>
      <RecipVoiceNumber>string</RecipVoiceNumber>
      <RecipField1>string</RecipField1>
      <RecipField2>string</RecipField2>
      <RecipField3>string</RecipField3>
      <RecipField4>string</RecipField4>
      <RecipField5>string</RecipField5>
      <RecipField6>string</RecipField6>
      <RecipField7>string</RecipField7>
      <RecipField8>string</RecipField8>
      <RecipField9>string</RecipField9>
      <RecipField10>string</RecipField10>
      <RecipField11>string</RecipField11>
      <RecipField12>string</RecipField12>
    </item>
  </Recipients>
  <FaxJobFiles>
    <!--One or more repetitions:-->
    <item>
      <FileIndex>int</FileIndex>
      <FileTypeId>int</FileTypeId>
    </item>
  </FaxJobFiles>
  <JobDetails>
    <JobScheduleStartType>int</JobScheduleStartType>
    <JobScheduleStartDate>date/time string</JobScheduleStartDate>
    <JobExpiryDate>date/time string</JobExpiryDate>
    <SenderCSID>string</SenderCSID>
    <SenderName>string</SenderName>
    <SenderCompany>string</SenderCompany>
    <SenderPhone>string</SenderPhone>
    <SenderAddress1>string</SenderAddress1>
    <SenderAddress2>string</SenderAddress2>
```

```

<SenderCity>string</SenderCity>
<SenderState>string</SenderState>
<SenderZip>string</SenderZip>
<SenderCountry>string</SenderCountry>
<CoverName>string</CoverName>
<CoverSubject>string</CoverSubject>
<Resolution>string</Resolution>
<UserField1>string</UserField1>
<UserField2>string</UserField2>
<UserField3>string</UserField3>
<UserField4>string</UserField4>
<UserField5>string</UserField5>
<UserField6>string</UserField6>
<UserField7>string</UserField7>
<UserField8>string</UserField8>
<UserField9>string</UserField9>
<UserField10>string</UserField10>
<UserField11>string</UserField11>
<UserField12>string</UserField12>
<ExceptionDestination>string</ExceptionDestination>
<SenderFax>string</SenderFax>
<SoftwareClient>string</SoftwareClient>
<CoverText>string</CoverText>
</JobDetails>
</SendFaxBroadcast>
</soap:Body>
</soap:Envelope>

```

### SendFaxBroadcast Soap 1.1 Response

```

<SOAP-ENV:Body>
<FaxWS:FaxBroadcastResponse>
<FaxWS:return>boolean</FaxWS:return>
<FaxWS:FaxJobId>string</FaxWS:FaxJobId>
<FaxWS:WSError>
<FaxWS:ErrorCode>int</FaxWS:ErrorCode>
<FaxWS:ErrorString>int</FaxWS:ErrorString>
</FaxWS:WSError>
</FaxWS:FaxBroadcastResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

### 13.0 SendFaxBroadcastEx

#### Description

This function can be used to send multiple files as a fax to multiple recipients. The recipient information is uploaded through a CSV file (format in **Appendix B**). The user can specify additional details about the recipients as well as the fax broadcast job (schedule, cover page, user specified fields, etc.). The out parameters contain the job ID, estimated time in seconds till job starts and error information (if the job submission failed). This function requires a fax broadcast account.

**bool** SendFaxBroadcastEx(**string** UserID, **string** strPIN, **base64Binary** CSVFile, **FaxJobFile[]** FaxJobFiles, **FaxBroadcastJob** JobDetails, out **string** FaxJobId, out **WSError** WSError)

	Parameters	Type	Definition
Input	UserID	<b>string</b>	<i>(Required)</i> String representing the GFI FaxMaker Online assigned Username. Example: mbx12065551212
	strPIN	<b>string</b>	<i>(Required)</i> String representing the password
	CSVFile	<b>Base64Binary</b>	CSV file containing recipient details base64 encoded. See <b>Appendix B</b> for CSV file content definition.
	FaxJobFiles	<b>FaxJobFile[]</b>	Array of file attachments. See <b>Appendix A</b> for more details about FaxJobFile definition
	JobDetails	<b>FaxBroadcastJob</b>	Job level information about fax job. See <b>Appendix A</b> for more details about FaxJob definition
Output	FaxJobId	<b>string</b>	Returned Gfifax JobId
	WSError	<b>WSError</b>	Return Error details. See <b>Appendix A</b> for more details about WSError definition
Result	Return	<b>bool</b>	True/False indicating result of method call

#### Remarks

- See next page for Soap Request/Response examples

## SendFaxBroadcastEx Soap 1.1 Request

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <SendFaxBroadcastEx xmlns="urn:FaxWS">
      <UserID>string</UserID>
      <strPIN>string</strPIN>
      <CSVFile>Base64Encoded</CSVFile>
      <FaxJobFiles>
        <item>
          <FileIndex>int</FileIndex>
          <FileTypeId>int</FileTypeId>
        </item>
      </FaxJobFiles>
      <JobDetails>
        <JobScheduleStartType>int</JobScheduleStartType>
        <JobScheduleStartDate>string</JobScheduleStartDate>
        <JobExpiryDate>string</JobExpiryDate>
        <SenderCSID>string</SenderCSID>
        <SenderName>string</SenderName>
        <SenderCompany>string</SenderCompany>
        <SenderPhone>string</SenderPhone>
        <SenderAddress1>string</SenderAddress1>
        <SenderAddress2>string</SenderAddress2>
        <SenderCity>string</SenderCity>
        <SenderState>string</SenderState>
        <SenderZip>string</SenderZip>
        <SenderCountry>string</SenderCountry>
        <CoverName>string</CoverName>
        <CoverSubject>string</CoverSubject>
        <Resolution>string</Resolution>
        <UserField1>string</UserField1>
        <UserField2>string</UserField2>
        <UserField3>string</UserField3>
        <UserField4>string</UserField4>
        <UserField5>string</UserField5>
        <ExceptionDestination>string</ExceptionDestination>
        <SenderFax>string</SenderFax>
        <SoftwareClient>string</SoftwareClient>
        <CoverText>string</CoverText>
        <UserField6>string</UserField6>
        <UserField7>string</UserField7>
        <UserField8>string</UserField8>
        <UserField9>string</UserField9>
        <UserField10>string</UserField10>
        <UserField11>string</UserField11>
        <UserField12>string</UserField12>
      </JobDetails>
    </SendFaxBroadcastEx>
  </soap:Body>
</soap:Envelope>
```

## SendFaxBroadcastEx Soap 1.1 Response

```
<SOAP-ENV:Body>
  <FaxWS:FaxBroadcastExResponse>
    <FaxWS:return>boolean</FaxWS:return>
```

```
<FaxWS:FaxJobId>string</FaxWS:FaxJobId>
<FaxWS:WSError>
  <FaxWS:ErrorCode>int</FaxWS:ErrorCode>
  <FaxWS:ErrorString>int</FaxWS:ErrorString>
</FaxWS:WSError>
</FaxWS:FaxBroadcastExResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## 14.0 SimpleSendFax

### Description

This function can be used to send a TIFF file as a fax. It requires minimal information from the user and can be used to send faxes to a single recipient. **Note:** This method only supports TIFF. If you need to send a different document type you will need to use the SendFax or SendFaxEx method.

**bool SimpleSendFax(string UserID, string strPIN, string RecipientName, string FaxNumber, base64Binary TIFFJobFile)**

	Parameters	Type	Definition
Input	UserID	string	(Required) String representing the GFI FaxMaker Online assigned Username. Example: mbx12065551212
	strPIN	string	(Required) String representing the password
	RecipientName	String	The recipient's name
	FaxNumber	String	The recipients fax number
	TIFFJobFile	Base64Binary	TIF file in Base64 encoded format
Result	Return	string	Return Job ID assigned to this job. EX: br001h501r17j4054185

### Remarks

- See next page for Soap Request/Response examples

### SimpleSendFax Soap 1.1 Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:urn="urn:FaxWS">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:SimpleSendFax>
      <urn:UserID>string</urn:UserID>
      <urn:strPIN>string</urn:strPIN>
      <urn:RecipientName>string</urn:RecipientName>
      <urn:FaxNumber>string</urn:FaxNumber>
      <urn:TIFFJobFile>base64Binary</urn:TIFFJobFile>
    </urn:SimpleSendFax>
  </soapenv:Body>
</soapenv:Envelope>
```

### SimpleSendFax Soap 1.1 Response

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:FaxWS="urn:FaxWS" xmlns:C3JM="urn:C3JM"
xmlns:VS="urn:VSWS">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <FaxWS:SimpleFaxSendResponse>
      <FaxWS:return>string</FaxWS:return>
    </FaxWS:SimpleFaxSendResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```



## 15.0 SimpleGetFaxStatus

### Description

This function can be used to query the current status of a previously submitted fax job using the job ID string. It can be used to query a single job's status at a time.

**bool SimpleGetFaxStatus(string UserID, string strPIN, string JobId)**

	Parameters	Type	Definition
Input	<i>UserID</i>	<b>string</b>	<i>(Required)</i> String representing the GFI FaxMaker Online assigned Username. Example: <i>mbx12065551212</i>
	<i>strPIN</i>	<b>string</b>	<i>(Required)</i> String representing the password
	<i>JobId</i>	<b>String</b>	<i>JobId</i> requesting status for (br string), can also specify as 'JRI-Referenceld' to request status based on Reference Id. (JRI-REF1234 will lookup jobs with Reference Id 'REF1234')
Result	<i>return</i>	<b>string</b>	The job's current status ID 1: Job Succeeded 2: Job Failed 3: Job is being processed -5019: Invalid Job ID

### Remarks

- See next page for Soap Request/Response examples

### SimpleGetFaxStatus Soap 1.1 Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:urn="urn:FaxWS">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:SimpleGetFaxStatus>
      <urn:UserID>string</urn:UserID>
      <urn:strPIN>string</urn:strPIN>
      <urn:JobId>string</urn:JobId>
    </urn:SimpleGetFaxStatus>
  </soapenv:Body>
</soapenv:Envelope>
```

### SimpleGetFaxStatus Soap 1.1 Response

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:FaxWS="urn:FaxWS">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <FaxWS:SimpleFaxStatusResponse>
      <FaxWS:return>long</FaxWS:return>
    </FaxWS:SimpleFaxStatusResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

# Appendix A – Object Definitions

FaxJobId

Name	Type	Description
JobId	string	Job id in string form. (in 'brxxxx' format)

### FaxBroadcastJob

Name	Type	Description
JobScheduleStartType	int	1: Immediate, 2: Scheduled, 3: Off Peak
JobScheduleStartDate	string	Scheduled start date & time for the fax
JobExpiryDate	string	Expiry date & time for the fax
SenderCSID	string	Sender's CSID
SenderName	string	Sender's name
SenderCompany	string	Sender's company
SenderPhone	string	Sender's phone
SenderAddress1	string	Sender's address 1
SenderAddress2	string	Sender's address 2
SenderCity	string	Sender's city
SenderState	string	Sender's state
SenderZip	string	Sender's zip code
SenderCountry	string	Sender's country
CoverName	string	Cover page name
CoverSubject	string	Cover page subject
Resolution	string	"High" or "Low"
ExceptionDestination	string	Recipient address for error report
SenderFax	string	Sender's fax number
SoftwareClient	string	4 digit string which can be used to specify the client software submitting this fax job.
CoverText	string	Cover page text
UserField1	string	User specified field
UserField2	string	User specified field
UserField3	string	User specified field
UserField4	string	User specified field
UserField5	string	User specified field
UserField6	string	User specified field
UserField7	string	User specified field
UserField8	string	User specified field
UserField9	string	User specified field
UserField10	string	User specified field
UserField11		
UserField12		

## FaxJob

Name	Type	Description
JobScheduleStartType	int	1: Immediate, 2: Scheduled
JobScheduleStartDate	string	Scheduled start date & time for fax
JobExpiryDate	string	Expiry date & time for the fax
SenderCSID	string	Sender's CSID
SenderName	string	Sender's name
SenderCompany	string	Sender's company
SenderPhone	string	Sender's phone
CoverText	string	Cover page text
CoverName	string	Cover page name
CoverSubject	string	Cover page subject
Referenceld	string	User specified job ID
Resolution	string	"High" or "Low"
SenderFax	string	Sender's fax number
SoftwareClient	string	4 digit string which can be used to specify the client software submitting this fax job.
NotifyType	int	Indicates the type of final notification required. Following are the possible values.  0 - No Push notification 1- Notify Via Email 2- HTTP Get 3- HTTP Post
NotifyDestination	string	Notify destination. For Notify type 1 (email), this field can contain an email address. If no email address is specified, the contact email address of the account will be used. For Notify Type 2 and 3, this field may contain the destination hostname and port or a fully specified URL. If only a host name or IP address is specified, HTTP GET Template defined for this account will be used (Replacing Destination with the specified value) .
NotifyIncludeDeliveredImage	int	Indicates if the email notification should also include the delivered image. This field can have the following values.  0 - Do not include delivered image 1 - Include delivered image on successful delivery only. 2 - Include delivered image on failed delivery only. 3 - Include delivered image on successful and

		<i>failed delivery</i>
NotifyAuthUser	string	<i>Basic Authenticate user id for HTTP Post and Get (Optional)</i>
NotifyAuthPassword	string	<i>Basic Authenticate password for HTTP post &amp; Get (Optional)</i>
UserField1	string	<i>(Same as Referenceld) If you assign Referenceld then do not use this field.</i>
UserField2	string	<i>User specified field</i>
UserField3	string	<i>User specified field</i>
UserField4	string	<i>User specified field</i>
UserField5	string	<i>User specified field</i>
UserField6	string	<i>User specified field</i>
UserField7	string	<i>User specified field</i>
UserField8	string	<i>User specified field</i>
UserField9	string	<i>User specified field</i>
UserField10	string	<i>User specified field</i>
UserField11	string	<i>User specified field</i>
UserField12	string	<i>User specified field</i>

#### FaxJobFile

Name	Type	Description
FileIndex	int	<i>Represents position that document will placed in reference to other documents included.</i>
FileTypeId	int	<i>Indicates the document type. See appendix D-3 for a list of values</i>
FileData	Base64Binary	<i>Binary contents of file</i>

#### FaxJobId

Name	Type	Description
JobId	String	<i>GFI FaxMaker Online fax JobId associated with Job</i>

## FaxJobRecipient

Name	Type	Description
JobId	String	GFI FaxMaker Online fax JobId associated with Job
Name	Type	Description
RecipFaxNumber	string	Recipient's fax number
RecipCompany	string	Recipient's company
RecipTitle	string	Recipient's title
RecipName	string	Recipient's name
RecipSecureCSID	string	Recipient's secure CSID
RecipFirstName	string	Recipient's first name
RecipLastName	string	Recipient's last name
RecipAddress1	string	Recipient's address 1
RecipAddress2	string	Recipient's address 2
RecipCity	string	Recipient's city
RecipState	string	Recipient's state
RecipZipcode	string	Recipient's zip code
RecipCountry	string	Recipient's country
RecipVoiceNumber	string	Recipient's voice number
RecipField1	string	Recipient specified field
RecipField2	string	Recipient specified field
RecipField3	string	Recipient specified field
RecipField4	string	Recipient specified field
RecipField5	string	Recipient specified field
RecipField6	string	Recipient specified field
RecipField7	string	Recipient specified field
RecipField8	string	Recipient specified field
RecipField9	string	Recipient specified field
RecipField10	string	Recipient specified field
RecipField11	string	Recipient specified field
RecipField12	string	Recipient specified field

### FaxStatus

Name	Type	Description
FaxJobId	string	GFI FaxMaker Online fax JobId associated with Job
FaxJobStatusId	int	Job's status ID
StatusDescription	string	Job's status description
Error	WSError	Job's error information

### RealTimeFaxStatus

Name	Type	Description
FaxJobId	string	GFI FaxMaker Online fax JobId associated with Job
FaxJobStatusId	int	Job's status ID. See appendix D-1 for list of status codes
StatusDescription	string	Job's status description
RecipientState	int	Recipient's current state. See appendix D-2 for list of status codes
RecipientCurrentPageCount	int	Current pages sent
RecipientTotalPageCount	int	Total page count in job
Error	WSError	Job's error information

### RealTimeFaxStatusEx

Name	Type	Description
FaxJobId	string	Job ID whose status is requested
FaxJobStatusId	int	Job's status ID. See appendix D-1 for list of status codes
StatusDescription	string	Job's status description
RecipientState	int	Recipient's current state. See appendix D-2 for list of status codes
RecipientCurrentPageCount	int	Current pages sent
RecipientTotalPageCount	int	Total page count in job
Error	WSError	Job's error information
FaxDeliveryDateTime	string	Fax delivery date & time
FaxDeliveryDuration	int	Fax delivery duration
RemoteFaxCSID	string	Recipient Fax CSID



### RealTimeFaxStatusEx2

Name	Type	Description
FaxJobId	String	Job ID whose status is requested
FaxJobStatusId	Int	Job's status ID. See appendix D-1 for list of status codes
StatusDescription	String	Job's status description
RecipientState	Int	Recipient's current state. See appendix D-2 for list of status codes
RecipientCurrentPageCount	Int	Current pages sent
RecipientTotalPageCount	Int	Total page count in job
Error	WSError	Job's error information
FaxDeliveryDateTime	String	Fax delivery date & time
FaxDeliveryDuration	Int	Fax delivery duration
RemoteFaxCSID	String	Recipient Fax CSID
ReferenceId	String	User specified Reference Id

### FaxBroadcastStatusRequest

Name	Type	Description
JobId	String	Job ID whose status is requested
StartRecipientId	Int	Start recipient id. -1 to return all the recipients.
EndRecipientId	Int	End recipient id. -1 to return all the recipients.
RecipientStatus	Int	Set to indicate the recipients to return based on the status. Possible values are -1 : all 0: In Submission 1: Successful 2: Failed 3: In progress 4:Failed in Retry 5: Pending Cancelation

### RecipientStatus

Name	Type	Description
FaxJobId	String	Job ID whose status is requested
RecipientStatusId	Int	Recipient's status ID. See appendix D-1 for list of status codes
RecipientStatusDescription	String	Recipient's status description
RecipientName	String	Recipient name
RecipientCompanyName	String	Recipient company name
DeliveryAttempts	Int	Number of delivery attempts

DeliveryDuration	Int	<i>Duration in seconds</i>
DeliverySpeed	Int	<i>Delivery speed</i>
ReceiveCSID	String	<i>Remote CSID</i>
PageCount	Int	<i>Number of pages</i>
FaxNumber	String	<i>Fax number</i>
StartDate	String	<i>Start datetime</i>
EndDate	String	<i>End datetime</i>

#### WSError

Name	Type	Description
ErrorCode	Int	<i>Error code</i>
ErrorString	String	<i>Error string</i>

## Appendix B

### CSV File Format

Column Header	Description
EventFaxNumber	<i>Recipient fax number</i>
EventRecipientName	<i>Recipient name</i>
EventRecipientCompanyName	<i>Recipient company</i>
RecipTitle	<i>Recipient Title</i>
RecipFirstName	<i>Recipient first name</i>
RecipLastName	<i>Recipient last name</i>
RecipAddress1	<i>Recipient's address 1</i>
RecipAddress2	<i>Recipient's address 2</i>
RecipCity	<i>Recipient's city</i>
RecipState	<i>Recipient's state</i>
RecipZip	<i>Recipient's zip code</i>
RecipCountry	<i>Recipient's country</i>
RecipVoice	<i>Recipient's voice number</i>
RecipField1	<i>User specified field</i>
RecipField2	<i>User specified field</i>
RecipField3	<i>User specified field</i>
RecipField4	<i>User specified field</i>
RecipField5	<i>User specified field</i>
RecipField6	<i>User specified field</i>
RecipField7	<i>User specified field</i>
RecipField8	<i>User specified field</i>
RecipField9	<i>User specified field</i>
RecipField10	<i>User specified field</i>
RecipField11	<i>User specified field</i>
RecipField12	<i>User specified field</i>

## Appendix C

### Global Cover Page List - Fax Broadcast

Column Header	Description
FB1MV0-Recipient header line	Recipient header line.tif
FB1MV0-Recipient on bottom 1/2	Recipient on bottom half.tif
FB1MV0-Test Fax Cover Page	Test Fax Cover Page.tif
FB1NV0-Fax Cover Sheet1	Fax Cover Sheet1.tif
FB1NV0-Fax Cover Sheet2	Fax Cover Sheet2.tif
FB1NV0-Normal Fax Cover Page	Normal Fax Cover Page.tif
FB1NV0-Recipient header line	Recipient header line.tif
FB1NV0-CoverText Page	CoverText Page.tif

### Global Cover Page List -InternetFax

Column Header	Description
IF1NV0-Normal Fax Cover Page	Normal Fax Cover Page.tif
IF1NV0-Recipient header lin	Recipient header line.tif
IF1MV0-Normal Fax Cover Page	Normal Fax Cover Page.tif
IF1MV0-Recipient header line	Recipient header line.tif

## Appendix D - Codes

### Fax Status Codes

Id	Description
1	Success
2	Failure
3	In Progress

### Recipient Status Codes

Id	Description
0	Unknown
1	Pending
2	Completed
3	Aborted
4	Failed
10	Dialing
11	Sending
12	Submitted

## File Types

Id	Description
1	TIFF (G3)
2	TIFF (G4)
4	TIFF Merge Cover
100	Word Document
101	PDF Document
102	RTF Document
103	Excel Document
104	PowerPoint Document
105	Text File
106	Visio
107	GIF
108	JPEG
109	Color TIFF
111	HTML
112	MHTML

## Error Codes

Id	Description
-1	<i>ERROR: Internal error</i>
-4100	<i>ERROR: Generic error while submitting fax</i>
-4101	<i>ERROR: Internal Server Error Duplicate Job Id</i>
-4102	<i>ERROR: Internal Server Error Unable to create Job recipient files</i>
-4103	<i>ERROR: Internal Server Error Unable to write to fax files</i>
-4104	<i>ERROR: Internal Server Error Unable to create attachment files</i>
-4105	<i>ERROR: Internal Server Error Unable to write to attachment files</i>
-4106	<i>ERROR: No attachments found</i>
-4107	<i>ERROR: Internal Server Error Unable to save Job detail file</i>
-4108	<i>ERROR: Internal Server Error Unable to submit Job to Database</i>
-4109	<i>ERROR: Internal Server Error Unable to find Working server</i>
-4200	<i>ERROR: Generic error while submitting fax</i>
-4201	<i>ERROR: Internal Server Error Duplicate Job Id</i>
-4202	<i>ERROR: Internal Server Error Unable to copy Job recipient files</i>
-4203	<i>ERROR: Internal Server Error Unable to copy fax files</i>
-4204	<i>ERROR: No files found</i>
-4205	<i>ERROR: Internal Server Error Unable to save Job detail file</i>
-4206	<i>ERROR: Internal Server Error Unable to find Working server</i>
-4207	<i>ERROR: Internal Server Error Unable to submit Job to Database</i>
-4300	<i>ERROR: Generic error while processing fax report request</i>
-4301	<i>ERROR: Job report requestor is not the owner</i>
-4302	<i>ERROR: Internal Server Error Unable to submit fax report request</i>
-4303	<i>ERROR: Report request has invalid Job ID</i>
-4400	<i>ERROR: Generic error while processing fax cancel request</i>
-4401	<i>ERROR: Job cancel requestor is not the owner</i>
-4402	<i>ERROR: Internal Server Error Unable to submit fax cancel request</i>
-4403	<i>ERROR: Cancel request has invalid Job ID</i>
-4500	<i>ERROR: Generic error while authenticating user</i>
-4501	<i>ERROR: Internal Server Error Unable to access Database for Authentication</i>
-4501	<i>ERROR: Account is locked or Invalid</i>
-4502	<i>ERROR: UserID does not exist or Incorrect Password</i>
-4503	<i>ERROR: UserID does not exist or Incorrect Password</i>
-4504	<i>ERROR: Submission Limit Exceeded</i>
-4600	<i>ERROR: Generic error while processing delivery notification request</i>
-4700	<i>ERROR: Generic error while processing scheduling request</i>
-4800	<i>ERROR: Generic error while processing priority request</i>
-4900	<i>ERROR: Generic error while processing fax status request</i>
-4901	<i>ERROR: Internal Server Error Unable to access Database for status</i>
-5005	<i>ERROR: Internal Server Error</i>
-5011	<i>ERROR: Attachment is not supported</i>

-5014	<i>ERROR: Invalid Fax Number</i>
-5019	<i>ERROR: Invalid Job ID</i>
-5020	<i>ERROR: Invalid Attachment type found</i>
-5021	<i>ERROR: Attachment type is disabled</i>
-5022	<i>ERROR: Invalid Account type for this request</i>
-5023	<i>ERROR: No Recipients specified</i>
-5024	<i>ERROR: Recipient count exceeds limit for one request</i>
-5025	<i>ERROR: Job ID count exceeds limit for one request</i>
-5028	<i>ERROR: Job schedule type value not supported for this job type</i>
-5030	<i>ERRIR: Invalid Cover Page</i>
-5031	<i>ERROR: Invalid Recipient CSV file</i>
-5032	<i>ERROR: Invalid report recipient type</i>
-5033	<i>ERROR: Report recipient address is invalid</i>
-5034	<i>ERROR: No notification template found for specified notification type</i>
-5035	<i>ERROR: Invalid Exception destination</i>
-5037	<i>ERROR: No Job IDs specified in status request</i>
-5038	<i>ERROR: Color tiff is not allowed as cover</i>
-5039	<i>ERROR: An Attachment was found infected by a virus or other malicious software.</i>
-5040	<i>ERROR: Scheduled DateTime specified exceeds maximum allowed defer time.</i>
-5041	<i>ERROR: Invalid Notify Type.</i>
-5042	<i>ERROR: Invalid IncludeDeliveredImage Flag.</i>
-5043	<i>ERROR: Invalid Notify Destination.</i>
-5044	<i>ERROR: Notify not enabled for this account.</i>
-5045	<i>ERROR:Account do not have a notify template assigned.</i>
-5048	<i>ERROR: Page Limit Exceeded</i>
-5049	<i>ERROR: Invalid File Index</i>
-5050	<i>ERROR: Server In Maintenance, Try again late</i>
-5051	<i>ERROR: Invalid Recipient Status</i>
-5052	<i>ERROR: No Records Found</i>
-5505	<i>ERROR: Status not yet available, Try again later</i>
-5602	<i>ERROR: Unable to locate Job, Try again later</i>
-5603	<i>ERROR: Duplicate records found</i>
-5604	<i>ERROR: Invalid parameters</i>

#### Fax Delivery Codes - Pre/Post Processing

<b>Id</b>	<b>Description</b>
1214	Attachment Acrobat not PDF
1214	Attachment Acrobat/PDF 1st time no output
1214	Attachment Acrobat/PDF 2nd time no output
1214	Attachment Acrobat/PDF unsupported
1214	Attachment Acrobat/PDF unsupported
1214	Attachment AppUnknown106 unsupported
1214	Attachment AppUnknown106 unsupported



1214	Attachment AppUnknown107 unsupported
1214	Attachment AppUnknown107 unsupported
1214	Attachment AppUnknown108 unsupported
1214	Attachment AppUnknown108 unsupported
1214	Attachment AppUnknown109 unsupported
1214	Attachment AppUnknown109 unsupported
1214	Attachment C3C unsupported
1214	Attachment C3C unsupported
1214	Attachment Excel 1st time no output
1214	Attachment Excel 2nd time no output
1214	Attachment Excel no Workbook stream
1214	Attachment Excel not storage
1214	Attachment Excel Passworded
1214	Attachment Excel unsupported
1214	Attachment Excel unsupported
1214	Attachment HFSPS/WordMerge 1st time no output
1214	Attachment HFSPS/WordMerge 2nd time no output
1214	Attachment HFSPS/WordMerge unsupported
1214	Attachment HFSPS/WordMerge unsupported
1214	Attachment PDF Corrupted
1214	Attachment PDF Empty
1214	Attachment PDF New Version
1214	Attachment PDF Passworded
1214	Attachment PDF Unprintable
1214	Attachment PowerPoint 1st time no output
1214	Attachment PowerPoint 2nd time no output
1214	Attachment PowerPoint no powerpoint stream
1214	Attachment PowerPoint not storage
1214	Attachment PowerPoint Passworded
1214	Attachment PowerPoint unsupported
1214	Attachment PowerPoint unsupported
1214	Attachment Renderer error
1214	Attachment RTF 1st time no output
1214	Attachment RTF 2nd time no output
1214	Attachment RTF Passworded
1214	Attachment RTF unsupported
1214	Attachment RTF unsupported
1214	Attachment Text 1st time no output
1214	Attachment Text 2nd time no output
1214	Attachment Text unsupported
1214	Attachment Text unsupported
1214	Attachment Text80x66Fixed unsupported
1214	Attachment Text80x66Fixed unsupported
1214	Attachment Text80x66Variable unsupported

1214	Attachment Text80x66Variable unsupported
1214	Attachment TextUnknown52 unsupported
1214	Attachment TextUnknown52 unsupported
1214	Attachment TextUnknown53 unsupported
1214	Attachment TextUnknown53 unsupported
1214	Attachment TextUnknown54 unsupported
1214	Attachment TextUnknown54 unsupported
1214	Attachment TiffF Renderer 2nd error
1214	Attachment TiffF Renderer error
1214	Attachment TiffF unsupported
1214	Attachment TiffF unsupported
1214	Attachment TiffF valid but unsupported
1214	Attachment TiffG3 Renderer 2nd error
1214	Attachment TiffG3 Renderer error
1214	Attachment TiffG3 unsupported
1214	Attachment TiffG3 unsupported
1214	Attachment TiffG3 valid but unsupported
1214	Attachment TiffG4 Renderer 2nd error
1214	Attachment TiffG4 Renderer error
1214	Attachment TiffG4 unsupported
1214	Attachment TiffG4 unsupported
1214	Attachment TiffG4 valid but unsupported
1214	Attachment Unknown10 unsupported
1214	Attachment Unknown10 unsupported
1214	Attachment Unknown7 unsupported
1214	Attachment Unknown7 unsupported
1214	Attachment Unknown8 unsupported
1214	Attachment Unknown8 unsupported
1214	Attachment Unknown9 unsupported
1214	Attachment Unknown9 unsupported
1214	Attachment Word 1st time no output
1214	Attachment Word 2nd time no output
1214	Attachment Word no FIB in stream
1214	Attachment Word no WordDocument stream
1214	Attachment Word not storage/RTF
1214	Attachment Word not storage/RTF
1214	Attachment Word Passworded
1214	Attachment Word unsupported
1214	Attachment Word unsupported
1214	Attachment WordMerge 1st time no output
1214	Attachment WordMerge 2nd time no output
1214	Attachment WordMerge disabled
1214	Attachment WordMerge unsupported
1214	Attachment WordMerge unsupported

1214	Blocklist error
1214	Cancel error
1214	DeDuplicator error
1214	Gig image not loaded in CxImage
1214	Gig image not rotated by CxImage
1214	Invalid Gif format
1214	Invalid HTML format
1214	Invalid Jpeg format
1214	Jpeg image not loaded in CxImage
1214	Jpeg image not roatated by CxImage
1214	LCR error
1214	Not a valid MS-Excel 12 file
1214	Not a valid MS-Excel/Biff 2 file
1214	Not a valid MS-Powerpoint 12 file
1214	Not a valid MS-Word 12 file
1214	Not able to copy html file with mht extension
1214	Office version above 12 not supported
1214	PostProcessing failure
1214	PreProcessing error
1214	Printing disabled for this docuement
1214	Render batching failure
1214	Render failure
1214	Render farm cleanup failure
1214	RenderProcessing failure
1214	Report cancelled by operator
1214	Report check done failure
1214	Report DB consistancy failure
1214	Report failure
1214	Report not ready
1214	Report set ready failure
1214	Report SMTP connection failure
1214	Report SMTP DNS resolve failure
1214	Report SMTP HELO failure
1214	ReportProcessing failure
1214	Smoother phase1 error
1214	Smoother phase2 error
1214	Smoothing still in progress
1214	Transfer to reporting server failure
1214	Transfer to reporting server2 failure
1214	Unable to allocate memory
1214	Unable to delete Unzip temp folder
1214	Unable to free Internet explorer/IE resources
1214	Unable to free MODI resources
1214	Unable to init Internet explorer/IE viewer

1214	Unable to init MODI viewer
1214	Unable to open file in Internet explorer/IE viewer
1214	Unable to open file in MODI viewer
1214	Unable to open Gif file
1214	Unable to open Jpeg file
1214	Unable to open zip file
1214	Unable to print file in MODI viewer
1214	Unable to print the document
1214	Unable to read html file
1214	Unable to reterive no of pages in tif file using MODI API
1214	Unable to rotate landsacpe tiff using MODI viewer
1214	Unable to Unzip file to folder
1214	Visio error reteriving page count
1214	Visio gives troubles
1214	Visio Not able to open
1214	Visio Not Initialize
1214	Visio Not Storage
1214	Visio Not Stream
1214	Visio unable to print
1214	Word cover had trouble being rendered
1214	Word cover has automatic date/time fields
1214	Word cover has no merge fields
1214	Word cover has pre-existing merge fields

## Fax Delivery Codes - Fax Calls

Id	Description
1500	Data Modem
1500	Dialing failure
1500	Fast Busy
1500	Fast Busy (no answer from user)
1500	Fast Busy (Q850 Incompatible Destination)
1500	Fast Busy (Q850 Network out of order)
1500	Fast Busy (Q850 No circuit/channel available)
1500	Fast Busy (Q850 Normal unspecified)
1500	Fast Busy (Q850 Resources unavailable, unspecified)
1500	Fast Busy (Q850 Switching equipment congestion)
1500	Fast Busy (SIP Invite sent 7 times with no response)
1500	Fast Busy (SIPServer Service Unavailable)
1500	Fast Busy (switching equipment congestion)
1500	Fast Busy (Timeout waiting for invite final response)
1500	No Answer
1500	No Answer (call rejected)
1500	No Answer (destination out of order)
1500	No Answer (no route to destination)
1500	No Answer (normal call clearing)
1500	No Answer (Normal call clearing)
1500	No Answer (recovery on time expiry)
1500	No Answer (unallocated or unassigned number)
1501	Busy
1501	Busy (no answer from user)
1501	Busy (switching equipment congestion)
1502	No Ringback
1503	Voice Answer Detected
1503	Voice Answer Detected (B channel lost)
1503	Voice Answer Detected (call rejected)
1503	Voice Answer Detected (destination out of order)
1503	Voice Answer Detected (no route to destination)
1503	Voice Answer Detected (normal call clearing)
1503	Voice Answer Detected (switching equipment congestion)
1503	Voice Answer Detected (unallocated or unassigned number)
1504	Not a Fax Machine
1508	Not a fax machine (B channel lost)
1508	Not a fax machine (call rejected)
1508	Not a fax machine (destination out of order)
1508	Not a fax machine (No Answer, really no fax answer)
1508	Not a fax machine (no route to destination)

1508	Not a fax machine (normal call clearing)
1508	Not a fax machine (Normal call clearing)
1508	Not a fax machine (Timeout waiting for reinvite to fax)
1508	Not a fax machine (unallocated or unassigned number)
1509	Fax failed
1509	Fax negotiation failed
1509	Fax negotiation failed (Incompatible fax device)
1509	Fax negotiation failed (no connection)
1509	Fax negotiation failed (normal call clearing)
1509	Fax negotiation failed (Normal call clearing)
1509	Fax negotiation failed (training error)
1509	Fax negotiation failed (Unsustainable connection - bitrate)
1509	Fax negotiation failed (Unsustainable connection - tsi dcs training)
1509	Fax negotiation failed (Unsustainable connection - unexpected disconnect)
1509	Fax transmission failed
1509	Fax transmission failed (local abort)
1509	Fax transmission failed (Normal call clearing)
1509	Fax transmission failed (parameter error)
1509	Fax transmission failed (protocol error)
1509	Fax transmission failed (remote abort)
1509	Fax transmission failed (SIP bye received before fax was completed)
1509	Fax transmission failed (Unsustainable connection - invalid end of ecm block)
1509	Fax transmission failed (Unsustainable connection - invalid end of page response)
1509	Fax transmission failed (Unsustainable connection - invalid response after ctc)
1509	Fax transmission failed (Unsustainable connection - no response after ctc)
1509	Fax transmission failed (Unsustainable connection - no response after end of page)
1509	Fax transmission failed (Unsustainable connection - no response after rr)
1509	Fax transmission failed (Unsustainable connection - rnr timeout)
1509	Fax transmission failed (Unsustainable connection - training response)
1509	Fax transmission failed (Unsustainable connection - tsi dcs training)
1509	Fax transmission failed (Unsustainable connection - unexpected disconnect)
1509	Minimum Fax Speed limit passed
1509	Minimum Fax Speed limit passed (protocol error)
1509	Minimum Fax Speed limit passed (remote abort)
1509	Minimum Fax Speed limit passed (Unsustainable connection - bitrate)
1509	Minimum Fax Speed limit passed (Unsustainable connection - ecm baud step down exceeded)
1509	Poor Connection
1509	Retransmission limit exceeded
1509	Unable to Transmit
1510	Remote Hangup
1511	Remote Disconnect
1513	No PPM Response
1515	Sittone Detected
1515	Sittone Detected (Q850 Call rejected)

1515	Sittone Detected (Q850 No route to destination)
1515	Sittone Detected (Q850 No route to specified transit network)
1515	Sittone Detected (Q850 Number changed)
1515	Sittone Detected (Q850 Send special information tone)
1515	Sittone Detected (Q850 Unallocated number)
1516	Voice seen before connection
1516	Voice seen before connection (no answer from user)
1516	Voice seen before connection (switching equipment congestion)

#### Fax Delivery Codes - Block List

Id	Description
1517	Blocked Number
1518	Master Blocked Number
1519	Voice Blocked Number
1520	Sittone Blocked Number
1521	Expensive Blocked Number
1522	Secure CSID check failed
1523	Duplicate Blocked Number
1524	Unassigned Blocked Number

#### Fax Delivery Codes - Other Errors

Id	Description
1601	C3Tiff ContactTiff crashed
1601	Cadence Break
1601	DB Error
1601	Eicon internal/hardware/software general failure
1601	Eicon software/hardware failure
1601	FaxBack internal/hardware/software general failure
1601	FaxBack software/hardware failure
1601	General Error
1601	Header Render Error
1601	Internal Eicon interface failure
1601	Internal Eicon interface failure (timeout submitting)
1601	Internal FaxBack interface failure
1601	Internal FaxBack interface failure (timeout submitting)
1601	Invalid TIF file at delivery time
1601	NO CDR FOUND
1601	Render Farm error
1601	Render Farm error
1601	Render Farm error
1601	Render Farm error no file
1601	Render Farm error no file

1601	Render Farm error no file
1601	Stop pending - reset ownership
1601	Tiff Merge Error
1601	TIMEDOUT
1602	Comm Error
1602	Dialing Error
1602	No channel
1602	No remote channel
1602	Request Timed Out
1602	T1 Down
1602	Transmit error
1607	No DialTone
1609	Max Retries Made
1610	Job Cancelled



## Appendix E

### Date/Time format

Acceptable Date/Time format - YYYY-MM-DDTHH:MM:SS±TZH:TZM

YYYY - The year in four digits.

MM - The month number in two digits (01 - January and 12 - December).

DD - The date in two digits (01 - 31).

T - Literal separator between date and time.

HH - The hour in two digits, it must be in 24 hour format (00 - 23).

MM - 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.

All the parameters requiring date and time information need to be passed in the format given above (JobScheduleStartDate, JobExpiryDate). All date and time fields will be returned by the web service in a string formatted in the above format (e.g. FaxDeliveryDateTime).

Example - November 30 2007, 6:03:15 AM in Pacific Time (PT) would be:

**2007-11-30T06:03:15-08:00.**

While specifying the **scheduled start date and time**, the following rules apply.

- 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)

While specifying the **expiry date and time**, the following rules apply.

- If you specify an expiry date and time which is in the past, the system will reset it to 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 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 2 days.

## Appendix F – Http Notifications

### Http Notifications

#### Design Guidelines

When choosing to receive final status notifications via PUSH technologies such as HTTP Post, HTTP Get or Web Services it is important to also implement a backup strategy to PULL for final status. PUSH notifications can take up to several minutes after the fax has been delivered before they are PUSHED to your server. Also if the server we push to becomes unavailable the notification will be delayed. If your application depends on timely notifications then implementing PULL is recommended over PUSH as it offers real-time status of the fax being sent. If you are using PUSH notifications then it is recommended you implement a PULL in the event you have not received final status after the expected deliver date/time.

Example: 1 page fax sent to be delivered immediately. Application has not received final notification after 5 minutes. Application starts pulling for final status every 1 minute until receives final status information.

#### Tokens available for the URL and Body sections of the HTTP notification transactions

Token Name	Description	URL Headers	Body
FaxNumber	Fax number as specified by the user Usually devoid of all non numeric fields	Yes	Yes
Country	Name of the destination country/location	Yes	Yes
TAB	Expands to '4' space characters or nothing	No	No
CRLF	Expands to a end of line sequence	No	No
Status	Either 'Success' or 'Failure'	Yes	Yes
MessageId	Either prefix-job or prefix-job-recipient format	Use FullMessageId	Use FullMessageId
ErrorString		Yes	Yes
ErrorCode		Yes	Yes
ErrorClass		Yes	Yes
ErrorExtra		Yes	Yes
Reference Id	The user specified job reference id	Yes	Yes
ReferenceId	Same as above	Yes	Yes
Original Subject	The original subject submitted in the email including tokens that may have been stripped out	No	No
Subject	Subject to appear on the cover page	Yes	Yes
PreProcError	no value specified	n/a	n/a
Original Time	Original email submission time, or the insertion time of the job into the system	No	No
TimeSent	Date/time of the delivery	Yes	Yes
NumPages		Yes	Yes
CallDuration		Yes	Yes
TestId	Used internally	No	No
StatusId	Either 1 for success, or 2 for failure	Yes	Yes

FaxSpeed	Speed of the fax delivery	Yes	Yes
FullMessageId	as in format 'br...' with checksums on numbers	Yes	Yes
ErrorResult	Our very small number of errors - error code	Yes	Yes
AccountId	Submission account identifier	Yes	Yes
RemoteCSID	CSID of the remote fax machine (usually it's phone number)	Yes	Yes
Destination	Replaced with contents of user specified notify destination. So the user can specify either a production and staging/beta host name (and :port if needed) OR the user can specify the full URL starting with http and we'll replace the template URL	Yes	No
DeliveredImage	Base64 encoded file contents or "" (empty)	No	Yes
RecptName	Recipient name	Yes	Yes
Company	Company name	Yes	Yes

## HttpGet

This notification type is very simple. All the tokens are encoded into the URL template, and the body template should be empty. The Http content type is also not relevant for this type of transaction.

### HttpBodyContentType setting

Not applicable

### HttpUrlTemplate setting

```
http://{%Destination}/GfifaxDeliveryNotification.Asp?AccountId=%{AccountId}&ReferencId=%{ReferencId}&FaxJobId=%{FullMessageId}&FaxJobStatusId=%{StatusId}&StatusDescription=%{Status}&PageCount=%{NumPages}&FaxDeliveryDate=%{TimeSent}&FaxDeliveryDuration=%{CallDuration}&RemoteFaxCSID=%{RemoteCSID}&ErrorCode=%{ErrorResult}&ErrorString=%{ErrorString}
```

OR

```
https://{%Destination}/abc.xyz?AccountId=%{AccountId}&ReferencId=%{ReferencId}&FaxJobId=%{FullMessageId}&FaxJobStatusId=%{StatusId}&StatusDescription=%{Status}&PageCount=%{NumPages}&FaxDeliveryDate=%{TimeSent}&FaxDeliveryDuration=%{CallDuration}&RemoteFaxCSID=%{RemoteCSID}&ErrorCode=%{ErrorResult}&ErrorString=%{ErrorString}
```

The `{%Destination}` token is replaced from the contents of the `NotifyDestination` field for the job, if the `NotifyDestination` does not start with 'http' or 'https'.

If the `{%Destination}` field starts with 'http' or 'https' then it completely replaces this Template setting with a job specified notification.

For security reasons you may want to use the Https protocol.

### HttpBodyTemplate setting

Not applicable

## Http Post - form data

This notification type has two flavors. Application/x-www-form-urlencoded is the simplest form and is encoded similar to the part of the HTTP GET URL after the ? mark. The code will automatically flip to the more complex multipart-form-data notification format, if an image is being included in the notification.

### HttpBodyContentType setting

application/x-www-form-urlencoded

The code may on the fly change the type too multipart/form-data if it has to include an image as requested by the job flags.

### HttpUriTemplate setting

http://{%Destination}/GfifaxDeliveryNotification.Asp

OR

https:%{Destination}/abc.xyz

The {%Destination} token is replaced from the contents of the NotifyDestination field for the job, if the NotifyDestination does not start with 'http' or 'https'.

If the {%Destination} field starts with 'http' or 'https' then it completely replaces this Template setting with a job specified notification.

For security reasons you may want to use the Https protocol.

### HttpBodyTemplate setting

AccountId=%{AccountId}&ReferenceId=%{ReferenceId}&FaxJobId=%{FullMessageId}&FaxJobStatusId=%{StatusId}&StatusDescription=%{Status}&PageCount=%{NumPages}&FaxDeliveryDateTime=%{TimeSent}&FaxDeliveryDuration=%{CallDuration}&RemoteFaxCSID=%{RemoteCSID}&ErrorCode=%{ErrorResult}&ErrorString=%{ErrorString}

## Http Post - application/octet-stream

This notification type allows complete flexibility in what you want us to send you. As long as it is TEXT data and we can insert out tokens, the format is completely free form.

### **HttpBodyContentType setting**

Application/octet-stream Or User specified content-type field setting

### **HttpUrlTemplate setting**

http:#{Destination}/GfifaxDeliveryNotification.Asp

OR

https:#{Destination}/abc.xyz

The #{Destination} token is replaced from the contents of the NotifyDestination field for the job, if the NotifyDestination does not start with 'http' or 'https'.

If the #{Destination} field starts with 'http' or 'https' then it completely replaces this Template setting with a job specified notification.

For security reasons you may want to use the Https protocol.

### **HttpBodyTemplate setting**

Here is your notification#{CRLF}#{CRLF}StatusId=#{StatusId}&...

## Http Post - xml

This transaction type would allow you to specify your own XML data, not following a SOAP convention, but instead a simpler protocol of your own choosing. We do not specify at all what may be contained in your XML but it can be anything from the specified token list.

### HttpBodyContentType setting

text/xml

### HttpUrlTemplate setting

http://{%Destination}/GfifaxDeliveryNotification.Asp

OR

https:%{Destination}/abc.xyz

The {%Destination} token is replaced from the contents of the NotifyDestination field for the job, if the NotifyDestination does not start with 'http' or 'https'.

If the {%Destination} field starts with 'http' or 'https' then it completely replaces this Template setting with a job specified notification.

For security reasons you may want to use the Https protocol.

### HttpBodyTemplate setting

```
<?xml version="1.0" encoding="utf8"?>
<FaxInformation>
  <FaxNumber>%{FaxNumber}</FaxNumber>
  <Country>%{Country}</Country>
  <FullMessageId>%{FullMessageId}</FullMessageId>
  <Status>%{Status}</Status>
  <StatusId>%{StatusId}</StatusId>
  <ErrorString>%{ErrorString}</ErrorString>
  <ErrorCode>%{ErrorCode}</ErrorCode>
  <ErrorClass>%{ErrorClass}</ErrorClass>
  <ErrorExtra>%{ErrorExtra}</ErrorExtra>
  <ReferenceId>%{ReferenceId}</ReferenceId>
  <OriginalSubject>%{OriginalSubject}</OriginalSubject>
  <Subject>%{Subject}</Subject>
  <OriginalTime>%{OriginalTime}</OriginalTime>
  <TimeSent>%{TimeSent}</TimeSent>
  <NumPages>%{NumPages}</NumPages>
  <CallDuration>%{CallDuration}</CallDuration>
  <FaxSpeed>%{FaxSpeed}</FaxSpeed>
  <ErrorResult>%{ErrorResult}</ErrorResult>
  <AccountId>%{AccountId}</AccountId>
  <RemoteCSID>%{RemoteCSID}</RemoteCSID>
  <DeliveredImage>%{DeliveredImage}</DeliveredImage>
  <RecptName>%{RecptName}</RecptName>
  <Company>%{Company}</Company>
</FaxInformation>
```

## Http Post - C3FDNS Soap

This SOAP service is defined/supported to allow notifications to get all the data/status information that would normally be queryable from the system after the job completed. But instead it is pushed to you as soon as the job completes, without unnecessary polling of the system.

The WSDL file to implement is located in **Appendix G**

### HttpBodyContentType setting

text/xml

### HttpUriTemplate setting

http://{%Destination}/GifaxDeliveryNotificationService.Asmx  
HTTP\_SOAPAction=C3FDNS/FaxDeliveryNotification

OR

https:%{Destination}/abc.xyz

The {%Destination} token is replaced from the contents of the NotifyDestination field for the job, if the NotifyDestination does not start with 'http' or 'https'.

If the {%Destination} field starts with 'http' or 'https' then it completely replaces this Template setting with a job specified notification.

For security reasons you may want to use the Https option.

And the second line allows specification of HTTP headers that are required for the transaction. HTTP\_anything=value is the specified format.

### HttpBodyTemplate setting

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap=http://schemas.xmlsoap.org/soap/envelope/
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <FaxDeliveryNotification xmlns="C3FDNS">
      <AccountId>{%AccountId}</AccountId>
      <Referenceld>{%Referenceld}</Referenceld>
      <FaxJobId>{%FullMessageId}</FaxJobId>
      <FaxJobStatusId>{%StatusId}</FaxJobStatusId>
      <StatusDescription>{%Status}</StatusDescription>
      <PageCount>{%NumPages}</PageCount>
      <FaxDeliveryDateTime>{%TimeSent}</FaxDeliveryDateTime>
      <FaxDeliveryDuration>{%CallDuration}</FaxDeliveryDuration>
      <RemoteFaxCSID>{%RemoteCSID}</RemoteFaxCSID>
      <ErrorCode>{%ErrorResult}</ErrorCode>
      <ErrorString>{%ErrorString}</ErrorString>
      <DeliveredImage>{%DeliveredImage}</DeliveredImage>
    </FaxDeliveryNotification>
  </soap:Body>
</soap:Envelope>
```



## Appendix G

### HTTP C3FDNS SOAP Notification WSDL definition

This WSDL file for the C3FDNS (Fax Delivery Notification Service) is compatible with our standard notification SOAP template. You as the 'server' in this case, have to implement a SOAP Web Service that follows this specification so that our notifications will be accepted/handled by your service.

```
<?xml version="1.0" encoding="utf-8"?>
<wsdl:definitions xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns:tm="http://microsoft.com/wsdl/mime/textMatching/"
  xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:mime="http://schemas.xmlsoap.org/wsdl/mime/"
  xmlns:tns="C3FDNS" xmlns:s="http://www.w3.org/2001/XMLSchema"
  xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/"
  xmlns:http="http://schemas.xmlsoap.org/wsdl/http/"
  targetNamespace="C3FDNS"
  xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:types>
    <s:schema elementFormDefault="qualified" targetNamespace="C3FDNS">
      <s:element name="FaxDeliveryNotification">
        <s:complexType>
          <s:sequence>
            <s:element minOccurs="0" maxOccurs="1" name="AccountId" type="s:string" />
            <s:element minOccurs="0" maxOccurs="1" name="Referenceld" type="s:string" />
            <s:element minOccurs="0" maxOccurs="1" name="FaxJobld" type="s:string" />
            <s:element minOccurs="1" maxOccurs="1" name="FaxJobStatusld" type="s:int" />
            <s:element minOccurs="0" maxOccurs="1" name="StatusDescription" type="s:string" />
            <s:element minOccurs="1" maxOccurs="1" name="PageCount" type="s:int" />
            <s:element minOccurs="0" maxOccurs="1" name="FaxDeliveryDateTime" type="s:string" />
            <s:element minOccurs="1" maxOccurs="1" name="FaxDeliveryDuration" type="s:int" />
            <s:element minOccurs="0" maxOccurs="1" name="RemoteFaxCSID" type="s:string" />
            <s:element minOccurs="1" maxOccurs="1" name="ErrorCode" type="s:int" />
            <s:element minOccurs="0" maxOccurs="1" name="ErrorString" type="s:string" />
            <s:element minOccurs="0" maxOccurs="1" name="DeliveredImage" type="s:base64Binary" />
          </s:sequence>
        </s:complexType>
      </s:element>
      <s:element name="FaxDeliveryNotificationResponse">
        <s:complexType>
          <s:sequence>
            <s:element minOccurs="0" maxOccurs="1" name="FaxDeliveryNotificationResult" type="s:string" />
          </s:sequence>
        </s:complexType>
      </s:element>
    </s:schema>
  </wsdl:types>
  <wsdl:message name="FaxDeliveryNotificationSoapIn">
    <wsdl:part name="parameters" element="tns:FaxDeliveryNotification" />
  </wsdl:message>
  <wsdl:message name="FaxDeliveryNotificationSoapOut">
    <wsdl:part name="parameters" element="tns:FaxDeliveryNotificationResponse" />
  </wsdl:message>
  <wsdl:portType name="FaxDeliveryNotificationServiceSoap">
    <wsdl:operation name="FaxDeliveryNotification">
      <wsdl:input message="tns:FaxDeliveryNotificationSoapIn" />
      <wsdl:output message="tns:FaxDeliveryNotificationSoapOut" />
    </wsdl:operation>
  </wsdl:portType>
  <wsdl:binding name="FaxDeliveryNotificationServiceSoap" type="tns:FaxDeliveryNotificationServiceSoap">
    <soap:binding transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation name="FaxDeliveryNotification">
      <soap:operation soapAction="C3FDNS/FaxDeliveryNotification" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
    </wsdl:operation>
  </wsdl:binding>
</wsdl:definitions>
```

```

</wsdl:input>
<wsdl:output>
  <soap:body use="literal" />
</wsdl:output>
</wsdl:operation>
</wsdl:binding>
<wsdl:binding name="FaxDeliveryNotificationServiceSoap12" type="tns:FaxDeliveryNotificationServiceSoap">
  <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />
  <wsdl:operation name="FaxDeliveryNotification">
    <soap12:operation soapAction="C3FDNS/FaxDeliveryNotification" style="document" />
    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
      <soap12:body use="literal" />
    </wsdl:output>
  </wsdl:operation>
</wsdl:binding>
<wsdl:service name="FaxDeliveryNotificationService">
  <wsdl:port name="FaxDeliveryNotificationServiceSoap" binding="tns:FaxDeliveryNotificationServiceSoap">
    <soap:address location="http://www.yourserver.com/Service.asmx" />
  </wsdl:port>
  <wsdl:port name="FaxDeliveryNotificationServiceSoap12" binding="tns:FaxDeliveryNotificationServiceSoap12">
    <soap12:address location="http://www.yourserver.com/Service.asmx" />
  </wsdl:port>
</wsdl:service>
</wsdl:definitions>

```

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