

# FaxCore API Reference

A web based API for sending, receiving and managing faxes through the FaxCore network.

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## API Overview

The FaxCore REST API is a secured and simple to use web interface based on HTTP GET/POST web operations compatible with just about any operating system platform and many programming languages. This interface is being offered for customers and partners who intend to integrate their systems with FaxCore.

This web API is focused around simple resource elements. They are: **SendFax**, **DownloadFax**, **DeleteFax**, **GetFaxDetails**, **FaxStatus** and **GetFaxList**.

Each resource supports several parameters within the URI scheme as well as various data formats (XML, simple URL encoded data, etc.) The following sections show each of the resources and their supported parameters, including example responses.

The base URL for this web interface is: <https://api.FaxCore.com/api/>

All responses from FaxCore will be in the form of XML and/or HTTP response codes (i.e. 200/OK). All XML responses will always contains a <ApiResponse> root element with one or more child element/nodes, followed by the <results>.

Example:

```
<?xml version="1.0" encoding="utf-8"?>
<ApiResponse>
  <...>
</ApiResponse>
```

All parameters in POST operations use the "application/x-www-form-urlencoded" content-type in the HTTP header. All responses that return Date/Time objects are in PST.

## Authentication

When authenticating against FaxCore using the REST web service, you must make sure all GET/POST operations have correctly added the Authorization header to HTTP request using basic authentication.

Header keyword: "Authorization"

Keyword value: "Basic <base64 token>"

The token parameter shown above is the base64 encoded string using the FaxCore username (fax number) and password assigned to your FaxCore account.

Syntax: "<username>:<password>"

Example: 5557152222:mypassword

## API Resources

### SendFax

#### Summary:

This resource is used to send a fax through FaxCore.

#### URI Template:

HTTP/POST

“SendFax?sendername={senderName}&sendercompany={senderCompany}&subject={subject}&notes={notes}&recpname={recpName}&recpfax={recpFax}&filename={fileName}”

#### Parameters:

	Description
sendername	Sender's name to appear on fax cover page
sendercompany	Sender's company name to appear on fax cover page
subject	Subject to appear on fax cover page
notes	Comments/Notes to appear on fax cover page
recpname	Recipient's name
recpfax	Recipient's Fax Number
filename	Full filename of the document to be faxed (including file extension). See “Supported File Formats” for a list of supported files types.
faxattachment	The entire POST body will be treated as the fax attachment, any parameters must be passed as part of the request URL.

#### Remarks:

After the POST operation, FaxCore API will respond with a unique Fax ID that can be used to query the status of the fax after submission.

#### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<ApiResponse>
  <SendFax>
    <Results>209608080375</Results>
  </SendFax>
</ApiResponse>
```

## FaxStatus

### Summary:

This resource is used to query the status of a fax.

### URI Template:

HTTP/GET

“`FaxStatus?faxid={faxID}`”

### Parameters:

	Description
faxid	You can retrieve a job's unique fax id from the result returned by the SendFax or GetFaxList method.

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<ApiResponse>
  <FaxStatus>
    <Results>In Queue</Results>
  </FaxStatus>
</ApiResponse>
```

## GetFaxList

### Summary:

This resource is used to list faxes that is currently residing on a specific folder.

### URI Template:

HTTP/GET

“GetFaxList?folder={folder}&hidedownloaded={hideDownloaded }”

### Parameters:

	Description
folder	Name of folder to list faxes. Acceptable folder names are: “Inbox”, “Outbox”, “Sent”, “Failed”, “Cancelled”, “Hold”, “Trash”
isdownloaded	This parameter determine what type of file the service shall return. Accepted values are “PDF” or “TIF”

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<ApiResponse>
  <GetFaxList>
    <FaxId>208107838349</FaxId>
    <FaxId>208107838241</FaxId>
    <FaxId>208107838163</FaxId>
    <FaxId>208107837004</FaxId>
    <FaxId>208107742238</FaxId>
    <FaxId>208107658605</FaxId>
  </GetFaxList>
</ApiResponse>
```

## GetFaxDetails

### Summary:

This resource is used to retrieve the details of a fax.

### URI Template:

HTTP/GET

“GetFaxDetails?faxid={faxID}”

### Parameters:

	Description
faxid	Unique Fax ID to retrieve fax details.

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<ApiResponse>
  <GetFaxDetails>
    <Results>
      <FaxID>209208083966</FaxID>
      <Type>Outbound</Type>
      <FaxNumber>72088884441</FaxNumber>
      <Subject>Test Subject</Subject>
      <CreateDate>10/26/2013 10:54:18 PM</CreateDate>
      <CompleteDate>10/26/2013 10:54:50 PM</CompleteDate>
      <Status>Completed</Status>
      <PageCount>1</PageCount>
      <PageDelivered>1</PageDelivered>
    </Results>
  </GetFaxDetails>
</ApiResponse>
```

## DownloadFax

### Summary:

This resource is used to retrieve/download a fax from FaxCore.

### URI Template:

HTTP/GET

“DownloadFax?faxid={faxID}&filetype={fileType}”

### Parameters:

	Description
faxid	Unique fax id from the result returned by the SendFax or GetFaxList method.
filetype	This parameter determine what type of file the service shall return. Accepted values are “PDF” or “TIF”

### Response:

The requested file content is returned in the HTTP response as a base64 encoded content.

## DeleteFax

### Summary:

This resource is used to delete a fax.

### URI Template:

HTTP/GET

“DeleteFax?faxid={faxID}”

### Parameters:

	Description
faxid	Unique fax id of the fax to delete.

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<ApiResponse>
  <DeleteFax>
    <Results>OK</Results>
  </DeleteFax>
</ApiResponse>
```



## Supported File Formats

Below is the list of the supported file formats as attachments for the SendFax resource

- HTML document (HTML, HTM, MHTML, XHTML)
- Adobe Acrobat (PDF)
- MS Word, Excel, PowerPoint
- Windows Bitmap (BMP)
- GIF
- JPEG
- PNG
- TIFF
- XPS (XML Paper Specification)
- Printer Command Language (\*PCL)
- Rich text format
- Text file
- XML