

# MyFax HTTPS XML API

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Property of:

[www.myfax.co.il](http://www.myfax.co.il)

Hipusheet Software LTD , Israel

Any Questions?

T: +972-77-2278100

E: [support@myfax.co.il](mailto:support@myfax.co.il)

<http://www.myfax.co.il/static/myfaxcontact.do>



## About MyFax

MyFax Services enables you to send and receive faxes directly from the email, allowing you to run all your fax activities without getting up from your seat and keeping it green for the environment – saving paper and toner.

## MyFax products:

**Free Fax Times** The fax receiving service directly to your email is free of charge.

**Permanent Private or Business Fax** Service with a permanent number for receiving faxes directly to the computer for small businesses or private individuals.

**Corporate Fax** Service for large organizations enables the management of users and fax numbers in the different departments, the control and monitoring of fax activities within the organization.

**Sending a Fax** to any of the services. An option can be added so that faxes can be simply sent directly from the email.

## **:General description of Myfax API**

MyFax API enables you to:

1. Register MyFax user
2. Send fax
3. Get fax status
4. Get incoming fax list
5. Release Fax / User

## ?How does it work

1. External system will initiate a new **MyFax** user by posting an HTTP request loaded with fax details.
2. **MyFax** receives the request, parses it and according to the details creates MyFax user, (Optinal) loads users with faxes send credit and locate fax number base on his email. In case of errors **MyFax** will return an XML containing the error message. (see error response section)
3. **MyFax** sends confirm email to user email address contains fax details – number, date and send pages credit.
4. Users should send and receive faxes directly from them emails or from the web interface.
5. External system can get sent faxes status report at anytime.

## ?Where to send

Use the following addresses for posting parameters requests. (SSL. is obliged)

1. Address for create Myfax user:

<https://www.myfax.co.il/action/myFaxAllocateDistributer.do>

2. Address for create new fax send action:

<https://www.myfax.co.il/action/faxUpload.do>

3. Address for getting fax sending status:

<https://www.myfax.co.il/action/faxStatus.do?v=1>

4. Address for getting incoming fax list:

<https://www.myfax.co.il/action/incoming.do>

5. Address for releasing fax or user:

<https://www.myfax.co.il/action/releaseFaxLine.do>

All actions return a response XML

## Register MyFax user

Here are the http request parameters to be posted to MyFax servers for initiate new MyFax user.

### :Parameters

Parameter Name	Parameter Type	Example	Remark
distEmail			
distPassword			
email	String max 200 chars	<a href="mailto:info@telepele.co.il">info@telepele.co.il</a>	Has to be a valid email address.
fullName	String max 200 chars	Israel Israeli	Optional
password	String		Optional
companyName	String max 100 chars	Israel LTD	Optional
companyAddress	String		Optional
type	1 for mobile or 17 for landline	1	Optional , DEFAULT 1
requestedNumber	String	+97239876543	Optional , International phone number
resultType	String	XML	Optional Default HTTP

### Where to send:

1. Address for create Myfax user:

<https://www.myfax.co.il/action/myFaxAllocateDistributer.do>

## Response:

Myfax registration response XML:

System reply the **response XML** as follows:

```
<?xml version="1.0" encoding="UTF-8"?>
<RESPONSE>
  <RESPONSE_CODE> if < 0 an error occurred </RESPONSE_CODE>
  <RESPONSE_TEXT> text for the error </RESPONSE_TEXT>
  <USER_ID> identifying number for the USER</ USER_ID>
  <USER_FAX_NUMBER> </ USER_FAX_NUMBER>
  <USER_EMAIL> </ USER_EMAIL>
  < PRICE> </ PRICE>
  <EXPIRE> </ EXPIRE>
</RESPONSE>
```

## Send fax

Here are the http request parameters to be posted to MyFax servers for send fax.

### Parameters:

Parameter Name	Parameter Type	Example	Comment
email	String		
password	String		
faxNumber	String		
theFile*	File		To include few file, this parameter should be left empty. The request must be multi-part with the files attached.
fileURL*	String		MyFax will try to get the file from the address
fileName*	String		File name to describe the content type (by extension)
fileContent*	String		Textual file content
fileContentBase64*	String		Base64 encoded file content.
resultType	String	XML	Optional

\*To choose the method of sending the fax content, use one of the matching parameters options from the list:

1. fileURL: URL address to fetch the file from
2. theFile: binary content attached. it's possible to add also theFile2 & theFile3 for additional files.
3. fileName and fileContent:
  - a. fileContent: textual content of file(HTML,txt, etc)
  - b. fileName: the name of the file with the correct extension.
4. fileName and fileContentBase64:
  - a. fileContent: base64 encoded content of file(doc, pdf, tif, etc)
  - b. fileName: the name of the file with the correct extension.
5. Empty parameters: post a multipart http request with attached files as additional mime parts.



## Where to send:

1. Address for create new fax send action:

<https://www.myfax.co.il/action/faxUpload.do>

## Response send

The MyFax API response XML will be in the following format:

(In case of an error see the next response)

```
<?xml version="1.0" encoding="UTF-8"?>
<RESPONSE>
  <RESPONSE_CODE> if < 0 an error occured </RESPONSE_CODE>
  <RESPONSE_TEXT> text for the error </RESPONSE_TEXT>
  <FAX_CODE> identifying code for the FAX</ FAX_CODE >
  <FAX_STATUS> </ FAX_STATUS >
  <PRICE> </ PRICE>
  <CREDIT_LEFT> </CREDIT_LEFT>
  <FAX_PAGES></FAX_PAGES>
</RESPONSE>
```

[link to example html: https://www.myfax.co.il/content/sendFax.html](https://www.myfax.co.il/content/sendFax.html)

## Sent fax status

Here are the http request parameters to be posted to MyFax servers for getting sent fax status.

## Parameters:

Parameter Name	Parameter Type	Example	Remark
email			
password			
faxCode	String		

## Where to send:

1. Address for getting fax sending status:

<https://www.myfax.co.il/action/faxStatus.do?v=1>

## Response send

The MyFax API response XML will be in the following format:

(In case of an error see the next response)

```
<?xml version="1.0" encoding="UTF-8"?>
<RESPONSE>
  <RESPONSE_CODE> if < 0 an error occurred </RESPONSE_CODE>
  <RESPONSE_TEXT> text for the error </RESPONSE_TEXT>
  <FAX_CODE> identifying code for the FAX</ FAX_CODE >
  <FAX_STATUS> </ FAX_STATUS >
  <FINAL_STATUS>is status final</FINAL_STATUS>
  < PRICE> </ PRICE>
  <CREDIT_LEFT> </CREDIT_LEFT>
</RESPONSE>
```

[link to example html: https://www.myfax.co.il/content/faxStatus.html](https://www.myfax.co.il/content/faxStatus.html)

## Status list

```
FAX_STATUS_INIT = 0;  
FAX_STATUS_CONFIRM = 1;  
FAX_STATUS_NO_ANSWER = 2;  
FAX_STATUS_BUSY = 3;  
FAX_STATUS_CONNECT = 4; // fax  
FAX_STATUS_WRONG_NUMBER = 6;  
FAX_STATUS_FAIL = 7;
```

## Final status of successful call

```
FAX_STATUS_SENT = 9; // fax send success  
FAX_STATUS_DELETE = 10;
```

Status 9 and 10 are for faxes that sent successfully. (10 is a fax that succeed and deleted)

## Fetch incoming fax list

Here are the http request parameters to be posted for fetching incoming faxes:

### Parameters:

Parameter Name	Parameter Type	Example	Remark
email	String		
password	String		
p	Number	0	Page to fetch
startDate	Timestamp		yyyy-MM-dd HH:mm:ss
endDate	Timestamp		yyyy-MM-dd HH:mm:ss
listType	String	incoming	Incoming for fax or voice for voicemails

### Where to send:

2. Address for incoming fax list:

<https://www.myfax.co.il/action/incoming.do>

### Response send

The MyFax API response XML will be in the following format:

```
<RESPONSE>
  <RESPONSE_CODE>0</RESPONSE_CODE>
  <RESPONSE_TEXT>OK</RESPONSE_TEXT>
  <LIST>
    <ITEM>
      <ID>000000-7b76-0000</ID>
      <TIME>2020-12-21 14:19:42.0</TIME>
      <DID>+972700000000</DID>
      <SOURCE>08-9999999</SOURCE>
      <URL>https://.....</URL>
    </ITEM>
  </LIST>
  <PAGES>2</PAGES>
  <NEXT_PAGE>1</NEXT_PAGE>
</RESPONSE>
```

[link to example html: https://www.myfax.co.il/content/faxList.html](https://www.myfax.co.il/content/faxList.html)

## Release Fax line

Here are the http request parameters to be posted to MyFax servers for release MyFax line and optionally block the user.

### :Parameters

Parameter Name	Parameter Type	Example	Remark
distEmail			
distPassword			
action	String	blockUser	Optional. noRenew - to delay release. blockUser - to also block the user.
faxLineDID	String	+97239876543	Optional - if have userEmail
userEmail	String	israel@myfax.co.il	Optional - if have faxLineDID
resultType	String	XML	Optional Default HTTP

### Where to send:

2. Address for release Myfax user/fax:

<https://www.myfax.co.il/action/releaseFaxLine.do>

## Response:

Myfax release response XML:

System reply the **response XML** as follows:

```
<?xml version="1.0" encoding="UTF-8"?>
<RESPONSE>
  <RESPONSE_CODE> if < 0 an error occured </RESPONSE_CODE>
  <RESPONSE_TEXT> text for the error </RESPONSE_TEXT>
</RESPONSE>
```

## Additional headers in Incoming Fax or Send report emails:

The emails contains these headers:

Incoming fax:

**X-Fax-Sender** - Caller Id of fax sender or empty if anonymous

Outgoing Fax:

**X-Fax-Status** - Fax result: Success/Fail

**X-Fax-Subject** - original fax subject as sent to us

**X-Fax-Status-Code** - Send status as numeric code:

Standard status:

9 - Sent

7 - Fail during transfer (no fax on other side/faulty remote fax machine/other error)

6 - Wrong number

3 - Busy

2 - No Answer

Additional status (usually system malfunction)

10 - Fax deleted

4 - Unknown fax status

1- Send no started

0 - Send not scheduled

If you have any question or unexpected errors contact us on:

<http://www.myfax.co.il/static/myfaxcontact.do>