

FlyDoc Web Services is a standard and multi-support development platform, compatible with any interface or programming tool. By using FlyDoc Web Services, you will be able to programmatically access the FlyDoc servers to submit and track postal mail and fax online.

### How to use FlyDoc Web Services?

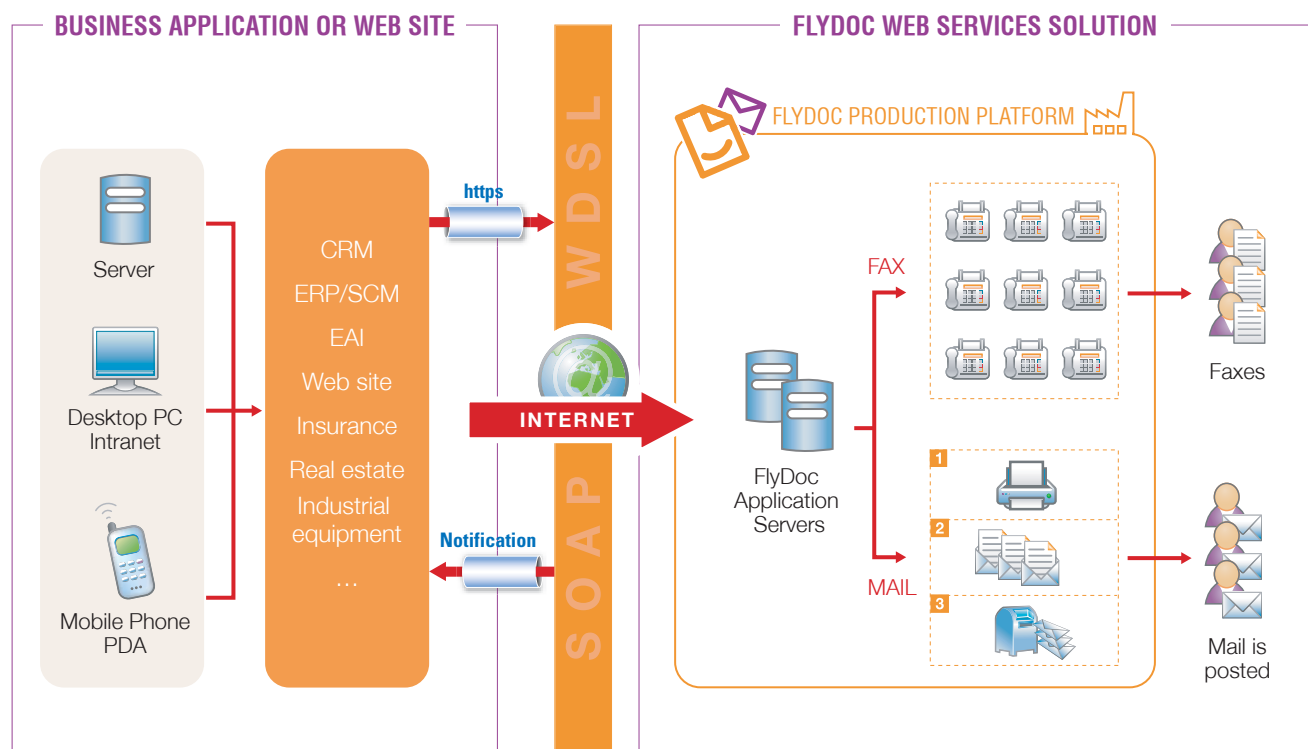
FlyDoc Web Services conform to SOAP and WSDL standards. Once you have downloaded the WSDL files, and using your favorite Web service enabled development environment, you can build client applications that use standard Web service protocols to programmatically:

- **Log** into the FlyDoc servers
- **Convert** and **preview** the documents to send (.pdf, .doc, .xls, .txt, .tif)
- **Submit documents** to be sent by the FlyDoc service using various delivery methods (Mail, fax, SMS and email)
- Use various **document recognition rules**
- **Track** and **Manage** the submitted documents (status, statistics, queries, etc.)

### FlyDoc Web Services Implementation

The FlyDoc API is divided into 3 Web Services:

- The **SessionService** allows the client to authenticate itself and open a session context that will be used with other services. This is the first service you need to instantiate, as it is an entry point to all other services.
- The **SubmissionService** allows the client to submit documents, generate previews, and upload resources and attachments on the servers.
- The **QueryService** allows the client to access and manage the documents submitted to the servers.



## Typical Calling sequence

Several code samples (C#, JAVA and PHP) available online at [www.flydoc.com/web\\_services](http://www.flydoc.com/web_services) present the following typical 5 steps calling sequence:

### 1 Global Initializations

- global variables
- Sessions Parameters (User and Password)

### 2 Initialization and Authentication

- Retrieve the bindings on the FlyDoc Servers (location of the Web Services)
- Authenticate the user on this session object to retrieve a **sessionID**

### 3 Document Submission

- Create and initialize a **SubmissionService** object.
- Set the service URL with the location retrieved above
- Set the **sessionID** with the one retrieved previously with **Login()**
- Allocate a transport
- Specify transport variables and attachment
- Submit the complete transport description to the Application Servers

### 4 Document Tracking

- Creating and initializing a **QueryService** object.
- Set the service URL with the location retrieved above with **GetBindings()**
- Set the **sessionID** with the one retrieved above with **Login()**
- Build a request on the newly submitted transport using its unique identifier and also specify the variables (attributes) to retrieve.
- Submit the request to the Application Servers
- Parse the returned variables

### 5 Release the session and de-allocate resources

## How to get started?

To start integrating FlyDoc into your application or web site, follow 4 simple steps:

1



Go to the FlyDoc Web Services website:

[www.flydoc.com/send/web\\_services.asp](http://www.flydoc.com/send/web_services.asp)

2



Open a FlyDoc account online

3



Download documentation and WSDL files:

- [SessionService.wsdl](#)
- [SubmissionService.wsdl](#)
- [QueryService.wsdl](#)

4



Start building your application using the samples provided

We quickly integrated FlyDoc to our solution. Everything was completed within 2 weeks with 1 week of pure development and a few days to test, industrialize and make it available to all users. Everyone is really pleased with the functionalities and the reliability of the FlyDoc service.

**Frank WOLF** ▪ Director  
▪ Adequate Systems

## Available methods

The 3 basic Web Services allow the following operations:

### SessionService

- GetBindings
- Login
- Logout
- GetServiceInformation

### SubmissionService

- ConvertFile
- DeleteResource
- DownloadFile
- ExtractFirst
- ExtractNext
- ListResources
- RegisterResource
- Submit
- SubmitTransport
- SubmitXML
- UploadFile

### QueryService

- Approve
- Cancel
- Delete
- DownloadFile
- QueryAttachments
- QueryAttributes
- QueryFirst
- QueryLast
- QueryNext
- QueryPrevious
- QueryStatistics
- Reject
- Resubmit



Esker SA ■ 10 rue des Emeraudes ■ 69006 Lyon ■ France  
Tel. : +33 (0)4 72 83 46 46 ■ Fax : +33 (0)4 72 83 46 40  
Contact : [info@flydoc.fr](mailto:info@flydoc.fr) ■ [www.flydoc.fr](http://www.flydoc.fr)

FlyDoc is brought to you by

