

<b>Document Name</b>	Trade Finance API Specification - Document Managements v3.0.0
<b>Developer Portal Link</b>	<a href="https://develop.hsbc.com/trade-finance-document-managements">https://develop.hsbc.com/trade-finance-document-managements</a>
<b>Learn more about other Trade Finance APIs</b>	<a href="#">Click to view</a>

No.	API Name	Description	Page
0a	General API Structure	HTTP Request Headers, Parameters, Body and Response Body Structure	<a href="#">Click to view</a>
0b	Authentication/ Authorization Token Structure	JWT Token Structure	<a href="#">Click to view</a>
0c	Errors and troubleshooting	Response code definition and troubleshooting	<a href="#">Click to view</a>
1	Submit Supporting Documents	Enables an applicant to directly submit one or many supporting documents.	<a href="#">2</a>
2	Request Supporting Document status	Request a status update on one or many supporting documents.	<a href="#">3</a>

<b>Operation Name</b>	Submit Supporting Documents	<b>Description</b>	Enables an applicant to directly submit one or many supporting documents.
<b>Service Interface</b>	/v3/filemgr/supporting-files	<b>Pre-requisite</b>	
<b>HTTP Method</b>	POST	<b>Post condition</b>	docUploadRequestId is generated for further enquiry.
<b>Authorization ID</b>	Customer's Account Number. This value is provided in the JSON Web Token (jwt.claims.accountNumber). Please refer to <b>Request Header's Token</b>		<a href="#">Click to view</a>

Message Type		Query Parameters						
Seq No	Field Name	Description	Length	Data Type	Required (Y/N)	Permitted values	Sample Value(s)	Remarks
1	attachDocument	Document the client want to upload to HSBC. Multipart/form-data: Multipart/form-data allows you to submit binary data and multiple data types in a single request. For example, you can use these requests for file uploads and transferring a file with a JSON object.	20	multipart/form-data	N			

Message Type		Decrypted Response						
Seq No	Field Name	Description	Length	Data Type	Required (Y/N)	Permitted values	Sample Value(s)	Remarks
1.1	docUploadRequestId			String	N			
JSON Schema Example - Decrypted								
<pre>{   "data": {     "docUploadRequestId": "84f21a7bd88b45218a6a228b7f16205d"   } }</pre>								

Operation Name	Enquire Supporting Documents	Description	Request a status update on one or many supporting documents.
Service Interface	/v3/filemg/suporting-files	Pre-requisite	
HTTP Method	GET	Post condition	
Authorization ID	Customer's Account Number. This value is provided in the JSON Web Token (jwt.claims.accountNumber). Please refer to Request Header's Token		<a href="#">Click to view</a>

Message Type		Query Parameters						
Seq Id	Field Name	Description	Length	Data Type	Required (Y/N)	Permitted values	Sample Value(s)	Remarks
1	docUploadRequestid	Request id for document upload, generated by HSBC API, client will use this request id to get the status of the document, uuid	255	String	C		84f21a7bd88b45218a6a228b7f16205d	
2	docId	Document id, returned by File Net. Doc id for the file upload to HSBC	255	Array	C		doc1	One of the fileUploadRequestid and docid must be inputted
Request Query Example								
Enquire All Documents		GET [[env-url]]/v3/filemg/suporting-files?docUploadRequestid=84f21a7bd88b45218a6a228b7f16205d						
Enquire specific Documents		GET [[env-url]]/v3/filemg/suporting-files?docid={doc1,doc2}						

Message Type		Decrypted Response						
Seq Id	Field Name	Description	Length	Data Type	Required (Y/N)	Permitted values	Sample Value(s)	Remarks
1		<b>Top level object</b>						
1.1	docUploadRequestid	Request id for document upload, generated by HSBC API, client will use this request id to get the status of the document	255	String	Y	uuid	84f21a7bd88b45218a6a228b7f16205d	
1.2		<b>docDetails</b>						
1.2.1		<b>formType</b>						
1.2.1		Request form type. Has option P (portal documents). It means data upload by portal. Returned by HTS downstream API when upload document to FileNet. Has options EMarketFinanceOnboard or EMarketFinanceMonitor when upload document to DB of eMarketFinance product.	255	String	Y	Enum: P EMarketFinanceOnboard EMarketFinanceMonitor	P	
1.2.2		<b>id</b>						
1.2.2		Document id, returned by HSBC FileNet. Doc id for the file upload to HSBC	255	String	Y	uuid	doc1	
1.2.3		<b>name</b>						
1.2.3		Document Name the document uploaded by the client	255	String	Y		file1.txt	
1.2.4		<b>numPages</b>						
1.2.4		Number of the document page	255	String	Y		1	
1.2.5		<b>imageFormat</b>						
1.2.5		Document format for the uploaded document	255	String	Y		txt	
1.2.6		<b>imageBytes</b>						
1.2.6		Document size within Bytes	255	String	Y		20967854	
1.2.7		<b>hash</b>						
1.2.7		Hash value for the uploaded document security check, returned by HTS downstream API.	255	String	Y		xyz....	
1.2.8		<b>docStatus</b>						
1.2.8		Document upload status when upload the documents to HSBC FileNet API. Status include Pending, Scanning, ScanFailed, Parsing, Failed, Uploaded/Success. For the uploaded document with Virus Scan failed, cannot search out.	10	String	Y	Enum: Pending Scanning ScanFailed Parsing Failed Uploaded/Success	Success	
1.2.9		<b>failedReason</b>						
1.2.9.1		<b>failedCode</b>						
1.2.9.1		Failed code. It will show when document upload failed.	255	String	N		E001	
1.2.9.2		<b>failedMessage</b>						
1.2.9.2		Message to describe the reason why the uploaded document upload failed. It will show when document upload failed.	255	String	N	"E000:Capture a Non-MKT error!"; "E001:Virus Scan failed."; "E002:Virus Scan timeout."; "E003:Merchant Id is not matched."; "E004:%s is missing or value empty."; "E005:%s length or precision is wrong, value is %s."; "E006:No data found in Data file."; "E007:value %s does not match header type."; "E008:Number of data fields does not match number of headers."; "E009:Data file parsing failed."; "E010:Data file parsing timeout."; "E011:Upload file failed."; "E012:Upload file timeout.";	Virus Scan failed	

JSON Schema Example - Decrypted

```
{
  "data": {
    "docUploadRequestid": "84f21a7bd88b45218a6a228b7f16205d"
  },
  "docDetails": {
    {
      "formType": "P",
      "id": "84f21a7bd88b45218a6a228b7f16205d",
      "name": "file1.txt",
      "numPages": "1",
      "imageFormat": "txt",
      "imageBytes": "20967854",
      "hash": "xyz....",
      "docStatus": {
        "value": "Success"
      }
    }
  ]
}
```