



NATIONAL E-GOVERNANCE SERVICES LIMITED
(UNION GOVERNMENT COMPANY)

**Integration of DDE Transaction Data API
V 1.3
API Integration Document**

API Document for DDE Transaction Data API

Introduction:

1. Once the execution of documents is done successfully, the document will be returned back to the Banks through return API.
2. In case the return API fails or the Bank fails to store the document, this API can be used to pull the document again.
3. All the documents that have been executed will be returned back as part of the **docData** tag.

Request URL:

Below is the end point URL on which the data is to submitted:

<https://stg.nesl.co.in/DDELoanDocumentAPI/loandocdata/request/>

There is a Basic Auth implementation in the API considering **userid:password** as an input to Basic Authentication. The **userid** and **password** will be same as DDE login credentials.

Request Parameters:

Below are the request parameters:

Sl No	Incoming Parameter Details	Parameter Name	Field Type	Mandatory	Description
1	Transaction ID	transId	Alpha Numeric	Y	Transaction id of the DDE transaction.
2	Loan no	loanNo	Alpha Numeric	Conditional	Loan number for which the loan documents statuses are to be retrieved.
3	Sanction no	snctnno	Alpha Numeric	Conditional	Sanction number for which the loan documents statuses are to be retrieved.
4	Digital Signature	digisign	Alpha Numeric	Y	The digital signature is done on the unencrypted json object using client's private certificate.

Request JSON with loan number as input:

```
{ "transId": "1234", "loanno": "loan1", "digisign": "sdjgfjksdfjwel  
hrowernsdfbsdkljfjasb2342asklfbksdklbfSDLfSDL;fSDLfSDklfbksdb  
fSDklfbksdfbksdbf;sdfwsehrowehrlsdbnfkbsdfbsdkfbsdkfbsdkfbsd  
kl" }
```

Request JSON with sanction number as input:

```
{ "transId": "1234", "snctnno": "loan1", "digisign": "sdjgfjksdfjwe  
lhrowernsdfbsdkljfjasb2342asklfbksdklbfSDLfSDL;fSDLfSDklfbksd  
bfsdklfbksdfbksdbf;sdfwsehrowehrlsdbnfkbsdfbsdkfbsdkfbsdkfbs  
dkl" }
```

Response Parameters:

Below are the response parameters:

Sl No	Parameter Details	Parameter Name	Field Type
1	Transaction ID	transId	Alpha Numeric
2	Status code	statusCode	Numeric
3	Status message	statusMsg	Alpha Numeric
4	Document status	docStatus	Array of JSON objects
5	E-stamp status	eStampStatus	Alpha
6	Party Name	signtryName	Alpha Numeric
7	Party PAN	pan	Alpha Numeric
8	Party Relationship to debt	rltnshp	Alpha
9	e-Sign status	esignStatus	Alpha
10	ESigned Date	esignDate	Date/Time
11	EStamped Date	estampDate	Date/Time
12	Document data	docData	Alpha Numeric
13	eStamp Certificate	estampCertificate	Alpha Numeric
14	Sequence Number	seqNo	Numeric
15	Aadhaar Name	signedName	Alpha Numeric
16	Name Matching Percentage	matchPercentage	Numeric

Response JSON payload:

Success response payload :

```
{
  "transId" : "1234",
  "statusCode" : "1",
  "statusMsg" : "Success",
  "estampCertificate": ["IN-DL317235712,IN-DL21753213012"],
  "docStatus": [
    {
      "signtryName": "kkk",
      "signedName" : "kgg",
      "matchPercentage" : "30",
      "pan": "XXXXX1234X",
      "rltnshp": "debtor",
      "esignStatus": "Success",
      "eStampStatus": "Success",
      "esignDate": "DD-MM-YYYY",
      "estampDate": "DD-MM-YYYY",
      "docData": "gshgfhdfhafsgafsgghshjas",
      "seqNo": "1"
    }, {
      "signtryName": "kkk",
      "signedName" : "kkg",
      "matchPercentage" : "60",
      "pan": "XXXXX1234Y",
      "rltnshp": "co-ob",
      "esignStatus": "Pending",
      "eStampStatus": "Success",
      "esignDate": "DD-MM-YYYY",
      "estampDate": "DD-MM-YYYY",
      "docData": "NA",
      "seqNo": "2"
    }
  ]
}
```

Success response :

NeSL will digitally sign the unencrypted response json object using NeSL's private certificate.

```
{
  "sessionId" : "ghegjksjakjkJAKJaksdsdghjhg",
  "ciphertext" :
    "hdgydfryewtysYFAYSGYDFGDGSGAgashdegfgdgGuarogfjdzsyugiirur,
    "digisign" :
    "sdjgfkjsdfjwelhrowernsdfbsdkljfjasb2342asklfbsdklbfdsdlfsdl;
    fsdlfsdklfbksdbfsdklfbksdfbksdbf;sdfwsehrowehrldsdbnfkbsdfbsd
```

```
kfb SDK f b SDK f b SDK l "
```

```
}
```

Failure response :

```
{  
  "transId" : "1234",  
  "statusCode" : "ER003",  
  "statusMessage" : "Invalid transaction Id."  
}
```

List of error codes :

Sl No	Error code	Error description
1	ER001	Not an Authorised user.
2	ER002	Missing input parameters.
3	ER003	Invalid input parameters.
4	ER004	Internal server error.
5	ER005	No data found.
6	ER006	Invalid request json format.
7	ER007	Issue in Aadhaar esigning.
8	ER008	Issue in execution.