



NATIONAL E-GOVERNANCE SERVICES LIMITED
(UNION GOVERNMENT COMPANY)

**Integration of DDE Transaction Status API
V 1.2
API Integration Document**

API Document for DDE Transaction Status API

Introduction:

1. Once the Banks submit the data over the DDE API transaction, the data is presented to the borrowers for execution.
2. Once the execution is done, the document is returned back to the Banks.
3. If the Banks wish to know the status of the document execution in the due course, this API will need to give the status.

Request URL:

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

<https://stg.nesl.co.in/DDELoanDocumentAPI/loandocstatus/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:

| SI 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": "sdjgfjksdfjwe  
lhrowernsdfbsdkljfjasb2342asklfbsdklbfSDLfSDL;fSDLfSDklfbksdb  
fSDklfbksdfbksdbf;sdfwsehrowehrLsdbnfksdfbsdkfbsdkfbsdkfbsd  
kl" }
```

Request JSON with sanction number as input:

```
{ "transId": "1234", "snctnno": "loan1", "digisign": "sdjgfjksdfjwe  
lhrowernsdfbsdkljfjasb2342asklfbsdklbfSDLfSDL;fSDLfSDklfbksd  
bfsdklfbksdfbksdbf;sdfwsehrowehrLsdbnfksdfbsdkfbsdkfbsdkfbs  
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 | eStamp Certificate | estampCertificate | Alpha Numeric |
| 13 | Sequence Number | seqNo | Numeric |

Response JSON payload:

Success response payload :

```
{
  "transid" : "1234",
  "statusCode" : "1",
  "statusMsg" : "Success",
  "estampCertificate": ["IN-DL317235712,IN-DL21753213012"],
  "docStatus": [
    {
      "signtryName": "kkk",
      "pan": "XXXXX1234X",
      "rltnshp": "debtor",
      "esignStatus": "Success",
      "eStampStatus": "Success",
      "esignDate": "DD-MM-YYYY",
      "estampDate": "DD-MM-YYYY",
      "seqNo": "1"
    }, {
      "signtryName": "kkk",
      "pan": "XXXXX1234Y",
      "rltnshp": "co-ob",
      "esignStatus": "Pending",
      "eStampStatus": "Success",
      "esignDate": "DD-MM-YYYY",
      "estampDate": "DD-MM-YYYY",
      "seqNo": "2"
    }
  ]
}
```

Success response :

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

```
{
  "sessionId" : "ghegjksjakjkJAKJaksdsdghjhg",
  "ciphertext" :
  "hdgydfryewtysYFAYSGYDFGDGSGAgashdegfgdgGuarogfjdzsyugiirur,
  "digisign" :
  "sdjgfjksdfjwelhrowernsdfbsdkljfjasb2342asklfbsdklbfstdlfsdl;
  fsdlfsdklfbksdbfsdklfbksdfbksdbf;sdfwsehrowehrlsdbnfbksdfbsd
  kfbsdkfbsdkfbsdkl"
}
```

Failure response :

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

List of error codes :

| SI 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. |