



NATIONAL E-GOVERNANCE SERVICES LIMITED  
(UNION GOVERNMENT COMPANY)

**Integration of DDE ESign Link API  
V 1.0  
API Integration Document**

## API to retrieve the DDE Esign link

### Introduction:

1. Banks will submit the data over the DDE API.
2. An eSign link will be triggered to the respective signatories to execute the document.
3. If in case, this link needs to be retrieved by the Banks, then DDE Esign link API can be used.
4. This is a RESTful API.

### Request URL:

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

<https://stg.nesl.co.in/DDEEsignLinkAPI/request/getesignlink/loans/>

There is a Basic Auth implementation in the API considering **PAN\_userid:password** as an input to Basic Authentication. The **userid** and **password** will be same as DDE API 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 eSign link needs to be triggered.
3	Sanction no	snctnno	Alpha Numeric	Conditional	Sanction number for which the eSign link needs to be triggered.

### Sample request JSON with loan number as input:

```
{  
  "transId" : "1234",  
  "loanno" : "loan1"  
}
```

**Sample request JSON with sanction number as input:**

```
{  
  "transId" : "1234",  
  "snctnno" : "loan1"  
}
```

**Response Parameters:**

Below are the response parameters:

SI 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	Sequence number	seqNo	Numeric
5	Relationship to the agreement	relationship	Alpha Numeric
6	Esign Link	esignLink	Alpha Numeric

**Sample response JSON:**

**Success response :**

```
{  
  "transid" : "1234",  
  "statusCode" : "1",  
  "statusMsg" : "Success",  
  "seqNo" : "1",  
  "relationship" : "Debtor",  
  "esignLink":  
  "https://stg.nesl.co.in/DDE\_Sign\_V3/ProcessRequest.jsp?txnID=T1zZG8QDUTJ2eJGfK7dxms1M:d:qP5FAxfdgtzrjH9tgQ="  
}
```

Failure response :

```
{  
  "transid" : "1234",  
  "statusCode" : "ER003",  
  "statusMsg" : "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	This transaction id does not have any pending esign requests.
6	ER006	Unable to retrigger the link for this transaction id, as the link is expired.