



*NOVAC TECHNOLOGY SOLUTIONS*

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# **API Integration KIT**

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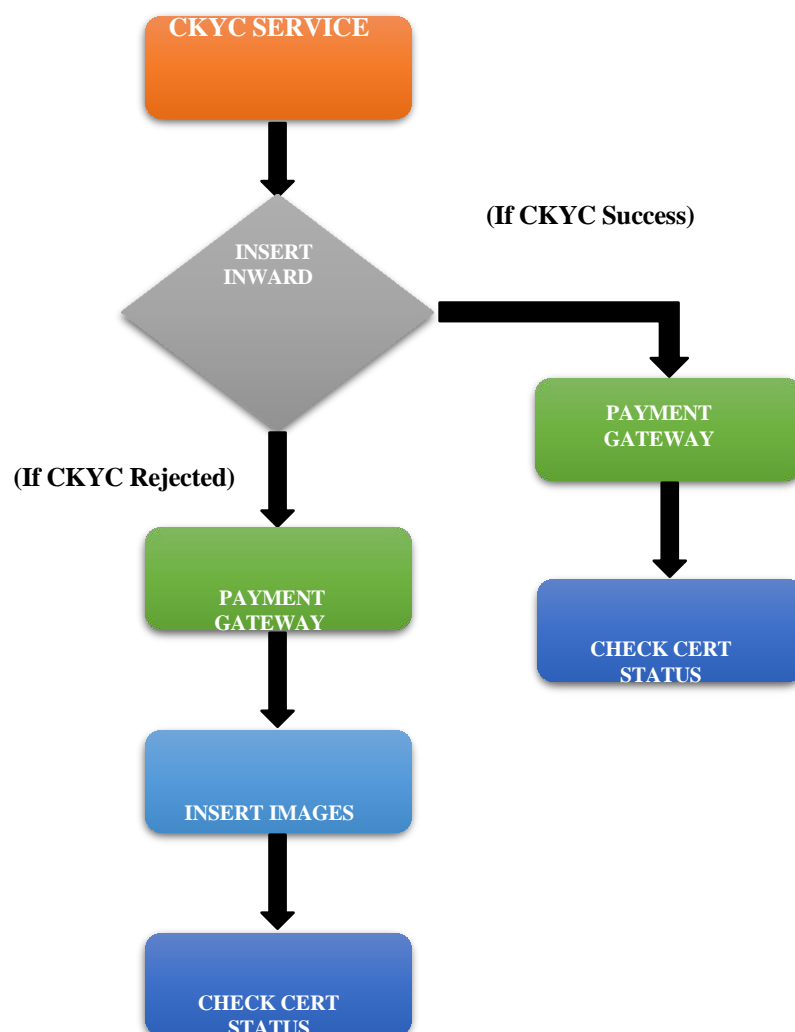
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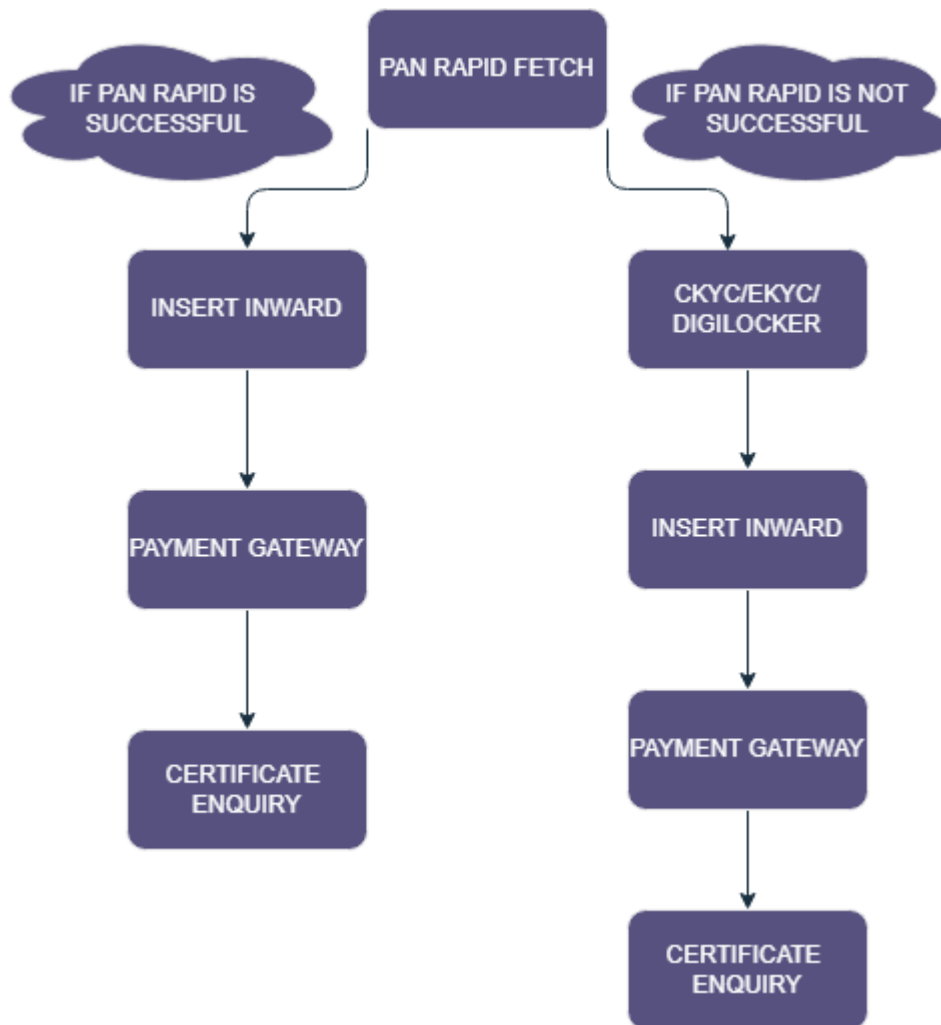
## **INTRODUCTION**

- ➔ The CKYC Service will help the user to fetch the CKYC details if input is of AADHAAR, PAN, Driving License and Voter ID
- ➔ In this CKYC service, we are facilitating the user to verify the CKYC available or not.
- ➔ In this CKYC service, we are facilitating the user to download the CKYC info.

## **FLOW CHART FOR CKYC WORKFLOW**



## **FLOW CHART FOR NEW KYC WORKFLOW**



## **ENCRYPTION**

### **PURPOSE:**

Encryption	Mode	Bits
AES Encryption	GCM	256

### **Encryption Keys (Kindly Refer the Keys Share through mail):**

=====

password = xxxxxxxxxxxxxxxxx;

salt = xxxxxxxxxxxxxxxxx;

iterations = 1000;

keySize = 256 / 8;

ivSize = 128 / 8;

```
public static void generateKeyandIV()
```

```
{
```

```
    using (Rfc2898DeriveBytes derivedBytes = new
```

```
Rfc2898DeriveBytes(password, Encoding.UTF8.GetBytes(salt), iterations))
```

```
    {
```

```
        key = derivedBytes.GetBytes(keySize);
```

```
        IV = derivedBytes.GetBytes(ivSize);
```

```
    }
```

```
}
```

**Encryption Method:**

```
public static string GCMEncryption(string plainText)
{
    string sR = string.Empty;
    try
    {
        generateKeyandIV();
        byte[] plainBytes = Encoding.UTF8.GetBytes(plainText);

        GcmBlockCipher cipher = new GcmBlockCipher(new AesFastEngine());
        AeadParameters parameters =
            new AeadParameters(new KeyParameter(key), 128, IV, null);

        cipher.Init(true, parameters);

        byte[] encryptedBytes = new
byte[cipher.GetOutputSize(plainBytes.Length)];
        Int32 retLen = cipher.ProcessBytes
            (plainBytes, 0, plainBytes.Length, encryptedBytes, 0);
        cipher.DoFinal(encryptedBytes, retLen);
        sR = Convert.ToString(encryptedBytes,
Base64FormattingOptions.None);

        key = null;
        IV = null;
    }
    catch (Exception ex)
    {
        throw ex;
    }

    return sR;
}
```

## **DECRYPTION**

**Decryption Keys (Kindly Refer the Keys Share through mail) :**

```
=====
password = xxxxxxxxxxxxxxxxx;
salt = xxxxxxxxxxxxxxxxx;
iterations = 1000;
keySize = 256 / 8;
ivSize = 128 / 8;
```

### **Decryption Method:**

```
public static string decrypt(string encryptedText, byte[] key, byte[] IV)
{
    string sR = string.Empty;
    try
    {
        byte[] encryptedBytes = Convert.FromBase64String(encryptedText);

        GcmBlockCipher cipher = new GcmBlockCipher(new
AesFastEngine());
        AeadParameters parameters =
        new AeadParameters(new KeyParameter(key), 128, IV, null);
        //ParametersWithIV parameters = new ParametersWithIV(new
KeyParameter(key), iv);

        cipher.Init(false, parameters);
        byte[] plainBytes = new
byte[cipher.GetOutputSize(encryptedBytes.Length)];
        Int32 retLen = cipher.ProcessBytes
            (encryptedBytes, 0, encryptedBytes.Length, plainBytes, 0);
        cipher.DoFinal(plainBytes, retLen);

        sR =
Encoding.UTF8.GetString(plainBytes).TrimEnd("\r\n\0".ToCharArray());
    }
    catch (Exception ex)
    {
        throw new Exception(ex.Message);
    }
    return sR;
}
```

## **CALCULATOR**

This API is used for arriving the ROI, Maturity amount, Interest earned and the Maturity Date.

### **STEP 1 : Encryption**

Refer Page no – 5 & 6

#### **Sample Request:**

```
{
  "objcalc": {
    "CertDate": "2022-11-10",
    "dblInvamt": "75000",
    "strComp": "SFL",
    "strInvType": "SDR",
    "strSCFlag": "N",
    "strTenure": "60",
    "strscheme": "N",
    "strSubtype": "Normal",
    "strGender": "F"
  }
}
```

### **STEP 2: GENERATE TOKEN**

#### **URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

#### **Method Info :**

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared



### **STEP 3 : CALCULATOR**

#### **URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/DigiCalculator>

#### **Method Info :**

Method Type	POST
Method Name	DigiCalculator

#### **Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

#### **Sample Request:**

```
{
  "strdata" : "illbpbeOcRTVHzks7w6twK3q/cpn+a5gXra/I5COm+91wvLyqNI
NkiRxKBzSCa9LgosvTT59M8x9NGMbzz6yQ2fK7PUzXhXR/rJBhBRr1f32a1
5eKW5TUjJwRGUbaumCXFtx4POPprdAtMv4s9O8Tzk95+I53sZLT/vQQsW
DqEb0Q41jdn2OG5xp52WfVfwy2lfLIPharMmajkN/g6CVQsSxw8YpP+Xa42
5zHm1e0sGzrXbFJxnrdlmQ9UMbuqIZGTbw"
}
```

**Sample Response:**

```
{
  "DigiCalculatorResult": "illwrrqEUxnaXnY7rDmnwIvL78tur7Z4N/2vQvnt6
aMokfLk0c1NqTJNETSdR7VfkIw2X1ckdIw7FXYd6XPIcmvE/pNDPhWwvb
VAhDRx2ujidE4SZ246J1BhWndYMKv9PVRz9cTM5dRj4sXg8p/8K2x9orx+
qJMdGq+7AJOVrlH0VKBnaXbFT9IU53OPHrpwuQyZeKNnqJ/V3mRkiImV
WoO/25dsf42OvCUkXH1S0vrMrVZOIvYL4aZkZKT+EhNM8ZEz4w=="
}
```

**STEP 4 : DECRYPTION****Refer PageNo - 7****Decrypt Response: (Decrypt the Step 3 response)**

```
{
  "GCMDecryptionResult": "{ \"DigiCalculatorResult\": [{ \"SDRCalc\": [{ \"W_
ROI\":8.00, \"YieldRate\":9.4056, \"MaturityAmount\":103200.0, \"IntPayAmt\":
28200.0, \"TotalInterestEarnings\":28200.0, \"MaturityDate\": \"12/11/2026\" } ] } }"
}
```

Parameters	Required or Not	Description
CertDate	Required	Must Pass Value Like CurrentDate in the Below Format "2023-01-01"
dblInvamt	Required	Must pass values like "75000"
strComp	Required	Must pass values like "SFL"
strInvType	Required	Must Pass Value SDR or FDR For Cumulative Deposit Pass "SDR", For Non-Cummulative Pass "FDR".
strSCFlag	Required	Must Pass Value like 'N' or 'Y' For Senior Citizens pass 'Y' else 'N'

strTenure	Required	Must Pass Value like '60' Available Tenure's 12, 18, 24, 30, 36, 42, 50, 60
strscheme	Required	If strSCFlag selected as Y then we need to pass "S" , otherwise need to pass "N".
strSubtype	Required	Must Pass Value 'Normal'
strGender	Required	Must pass value like "F" or "A" If Customer is Female Pass "F" other than that Pass "A"

## **SCHEME INFO**

This API is used to arrive the ROI for each Tenure w.r.t the Schemes.

### **Step 1 : Encryption**

**Refer Page no – 5 & 6**

### **Sample Request:**

```
{
  "objsch": {
    "strAction": "F",
    "strCompany": "SFL",
    "strType": "SDR",
    "strGender": "F"
  }
}
```

## **STEP 2: GENERATE TOKEN**

### **URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

### **Method Info:**

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared

### STEP 3 : SCHEME INFO

**URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/SchemeDetail>

**Method Info:**

Method Type	POST
Method Name	SchemeDetail

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Request:**

```
{
  "strdata" : "illbpbeecxCUB3h1vjm687ra9dFs+a5gKqShM87L2IErn6C/5M9
Nx E9MGDGdUa8C1M5OBH4oM9p9AVM7rn39QDGCicMbdIKP/vsXsH943
hdVQFTQVJamevDVslRTp7g="
}
```

**Sample Response:**

```
{
  "SchemeDetailResult": "illnpLWifR3yWHc2pCGa16rb8Mog4c85TsDJQ+7c
wqcpl/Lk0c1NrghtOhDQE/kZgoYrTyJvXI8xM38F9XPIBGvB+IpXQ0KcrrVQ
hDF8gZO4NQINP25Idww0MSIJbPeoPScqr6aasLdX84aorN7sIWt9pqEh0IdL
K6aACoqfskDvAt83IzSOBNFJsSHRX6p6vgyaYa0ImJ7B3nl1g6GNDNyqz4Ft
YYD37GZwNSoFguvo8jEEG0LQEudgCj3Pl+0S90dnSktHrXXoPgRhci6nMB
MGenVY9JVX/5Q8dfpB3s4JtlCBktjeofJWN8NAf+o4EJmyJQnZrh4Ac6mVYI
T8C3irMMMeE9MFmku7C4h9C4qmjB5xUrh1m6FIHhkcmLe34XpLGW5ceW
w5PbrTFrn1nC0oSRhKYsCHz6fIWeHxjH278Fx3Qx/v1utVQkKYmucmGgLA
yLQUtTrmwNbMCzn6ymyQ3W/l+Bwfs4dTm9nF7dOeuMY2f5xWq1aPpgTT
2+8u1SvTb74m8hlihjhstJqslhYDppkCwEVn+Y/YIQFD8VE2czH7CX7zeicyzz
70Fehh0rBITzNGQFj4MhNQoGUt3X+005TF75I23Q+iaxnujzM+Kh9vOprVV
IN3TVKAtwFn1ftK9fR1/Vs7wnUbMM/l/D3VgKVwaC4EvAqQZ4gGcomtaB
ehWgxfWM4D/BTDFSUndHw/x2ToDXuE18//bPd7SVSs7ZPh+jx+v6CixGD
NEn3SymbyvkW2ZsEX11YMysFaimTeD77Hnx42yNqenqvXJPw9aliPqL0kRn
32+sxmiWP3wTzPcy1Zo3mvSRi2PbVApMkLXYJPbvis6YRdY5KCeMoOVb
/+SCNprXigt9eufZZq11acDU17Vcd9KCqy154Dj3UJibuadhpuKuDQq1+ZDp
R65eAsJspHHpRkoLzbgopg="
}
```

**STEP 4 : DECRYPTION****Refer PageNo - 7****Decrypt Response: (Decrypt the Step 3 response)**

```
{
  "DecryptDataResult": "{ \"SchemeDetailResult\": [{ \"FDRScheme\": [{ \"Perd
month\":12,\"Monthly\":7.16,\"Quarterly\":7.21,\"HalfYearly\":7.27,\"Yearly\":
7.41},{ \"Perdmonth\":18,\"Monthly\":7.35,\"Quarterly\":7.40,\"HalfYearly\":7.4
7,\"Yearly\":7.61},{ \"Perdmonth\":24,\"Monthly\":7.58,\"Quarterly\":7.63,\"Hal
fYearly\":7.71,\"Yearly\":7.85},{ \"Perdmonth\":30,\"Monthly\":7.82,\"Quarterl
y\":7.88,\"HalfYearly\":7.95,\"Yearly\":8.11},{ \"Perdmonth\":36,\"Monthly\":7.
96,\"Quarterly\":8.02,\"HalfYearly\":8.10,\"Yearly\":8.26},{ \"Perdmonth\":42,\"
Monthly\":8.00,\"Quarterly\":8.06,\"HalfYearly\":8.14,\"Yearly\":8.31},{ \"Perd
month\":48,\"Monthly\":8.05,\"Quarterly\":8.11,\"HalfYearly\":8.19,\"Yearly\":
8.36},{ \"Perdmonth\":60,\"Monthly\":8.23,\"Quarterly\":8.29,\"HalfYearly\":8.3
8,\"Yearly\":8.55}]]}]"
}
```

<b>Parameters</b>	<b>Required or Not</b>	<b>Description</b>
strAction	Required	Must pass value like “F”
strCompany	Required	Must pass values like SFL
strType	Required	Must Pass Value SDR or FDR For Cumulative Deposit Pass “SDR”, For Non-Cummulative Pass “FDR”.
strGender	Required	Must pass value like “F” or “A” If Customer is Female Pass “F” other than that Pass “A”

## **CKYC SERVICE**

This API is used to fetch the CKYC details of the Investor.

### **STEP 1 : Encryption**

**Refer Page no – 5 & 6**

#### **Sample Request:**

```
{  
  "strAction": "I",  
  "VendorName": "Kailasa Infotech Pvt Limtted",  
  "BACode": " DEBHYD018",  
  "Company": "SFL",  
  "Module": "FD",  
  "RequestType": "C",  
  "RequestId": "ABCDE5241H",  
  "DOB": "18-11-2000",  
  "MobileNumber": "7904238934",  
  "Pincode": "600001"  
}
```

### **STEP 2: GENERATE TOKEN**

#### **URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

#### **Method Info :**

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared



**STEP 3: CKYC INFORMATION****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetCKYC>

**Method Info :**

Method Type	POST
Method Name	GetCKYC

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Request:**

```
{
  "strdata": "illHs6+scwzfUm1192+BkPWMyttsv/swIufgdJ+FiIklm7y/+ddPtwN5
MQnaHuVR8MpuXUIkfJQrInNLoHOdcgafqsNXKBW5mYN9rxk1kpGtNxxk/f
CFwdw4rSn1IPMiFWV4/rbbg8/F7+oL4+ofsXRhxvrIOmY0cHrCGOp6AuRa9
AMdFOTSOC9tWsCzOUsEkqxiJdsNnn7v2IDgmw4fWAsa/pfofb5ifrzgvQX9X
3bWh4DoRGVbFc6pbBjDYteFdrxU7XkAaozf6XlImL3P+aFBMdG9IkNAb0Z
Q2ZLAXh84Fsk+BmsbejXIMjpxY0zwisKs0OfAcK8g="
}
```

**Sample Response:**

```
{
  "GetCKYCResult": "ill3jISuQwzXSXYk73fq8ZL33+13uPcnH/WvPZ/tz7Mxl6
Oqw/JNx E9dEyvvK7Velo5QXyJvQpQ+M2Iazz67VmfKoNMZfhhvfkARghTxi
xou1dU4QfzEUaa6JWqZdqE0HEjHvbbdU"
}
```

**STEP 4 : DECRYPTION****Refer PageNo - 7****Decrypt Response: (Decrypt the Step 3 response)**

```
{
"GCMDecryptionResult": "{\"CKYCStatus\":\"CKYCRejected\",\"RequestID\":
\"202386541685546954 \",\"StatusCode\":null,\"Message\":null}"
}
```

Parameters	Required or Allow null	Description
strAction	Required	Must pass value like “T”
VendorName	Required	Vendor Full Name
BACode	Required	Must pass value like “DEBHYD018” (Will share vendor code once moved to PROD)
Company	Required	Must pass value like “SFL”
Module	Required	Must pass value like “FD”
RequestType	Required	Must pass value like “C”
RequestId	Required	Must pass value Customer Pan No “ABCKI4587L”
DOB	Required	Must Pass DOB of the Customer
MobileNumber	Required	Must Pass Customer Mobile Number
Pincode	Required	Must Pass Customer Pincode

## **Insert Inward**

This API is used to generate a Lead number.

### **Step 1 : Encryption**

**Refer Page no – 5 & 6**

### **Plain Request:**

```
[
{
"Parameter1": "Mr",
"Parameter2": "Stest",
"Parameter3": "",
"Parameter4": "B",
"Parameter5": "19-05-1986",
"Parameter6": "Male",
"Parameter7": "AAAAA1111K",
"Parameter8": "No.58, Flat A",
"Parameter9": "Street name",
"Parameter10": "PARUTHIPARA",
"Parameter11": "Kozhikode",
"Parameter12": "TN",
"Parameter13": "India",
"Parameter14": "673632",
"Parameter15": "9894168900", (For Pan rapid cases need to pass StrMobileNo
from Pan Rapid API – Example : 89*****98)
"Parameter16": "stest@gmail.com",
"Parameter17": "",
"Parameter18": "Resident Individual",
"Parameter19": "Cumulative",
"Parameter20": "NA",
"Parameter21": "20000",
"Parameter22": "Auto Refund",
"Parameter23": "",
"Parameter24": "Sole Or First Applicant",
"Parameter25": "Savings A/C",
"Parameter26": "SBTR0000191",
"Parameter27": "131131113",
```

"Parameter28": "STATE BANK OF TRAVANCORE",  
"Parameter29": "edcfe",  
"Parameter30": "Mrs",  
"Parameter31": "SUNDARA",  
"Parameter32": "KRISHNA",  
"Parameter33": "I",  
"Parameter34": "MOTHER",  
"Parameter35": "01/01/1945",  
"Parameter36": "",  
"Parameter37": "",  
"Parameter38": "",  
"Parameter39": "",  
"Parameter40": "",  
"Parameter41": "",  
"Parameter42": "",  
"Parameter43": "",  
"Parameter44": "BB12345",  
"Parameter45": "12",  
"Parameter46": "7.49",  
"Parameter47": "12345678912",  
"Parameter48": "CallBackURL",  
"Parameter49": "Shriram Finance Limited",  
"Parameter50": "InsertInwardDetails",  
"Parameter51": "Service\_USP\_UserInwardEntryDetails",  
"Parameter52": "MSC",  
"Parameter53": "",  
"Parameter54": "G1010",  
"Parameter55": "",  
"Parameter56": "{referenceNo}", (received from ckyc api )  
"Parameter57": "strPanRapidTranid-StrCustcode", (From PANRapid api  
Page- 83)  
"Parameter58": "EKYC/DIGILOC/CKYC"  
"Parameter59": "{Ref Page No.45 Call this master and get the OccDescr }",  
"Parameter60": "{Mandatory field if Parameter59 is “Others”}",  
"Parameter61": "{ Ref Page No.46 Call this master and get the  
NatureofBusinessDescr only if Parameter59 is  
“Self Employed”}",  
"Parameter62": "{ Mandatory field if Parameter61 is “Others”}",  
"Parameter63": "{Ref PageNo.47 Call this master and get the  
AnnualIncomeDescr }",  
"Parameter64": "{Ref Page No.48 Call this master and get the  
SourceofFundDescr }",  
"Parameter65": "{ Mandatory field if Parameter64 is “Others”}",

```
"Parameter66": "PEP",
"Parameter67": "{Mandatory field – Need to pass Y/N}",
"Parameter68": "{Mandatory field if Parameter67 is ‘Y’– Need to pass Y/N}",
"Parameter69": "",
"Parameter70": "",
"Parameter71": "{Mandatory field – Need to pass Y/N}",
"Parameter72": "",
"Parameter73": "",
"Parameter74": "",
"Parameter75": "",
"Parameter76": "",
"Parameter77": "",
"Parameter78": "",
"Parameter79": "",
"Parameter80": "",
"Parameter81": "",
"Parameter82": "",
"Parameter83": "",
"Parameter84": "",
"Parameter85": "",
"Parameter86": "Married/Unmarried/Others",
"Parameter87": "Member of Public",
"Parameter88": "",
"Parameter89": "",
"Parameter90": "Karthik Kadiravan",
"Parameter91": ""
}
]
```

### **Sample Request:**

```
{
  "InwardEntity": "gkmrSFwSiPVo6izzeKcs2wn6gbw7BP2b0vtPo+3QnHcekQD
  lVl6wPmq095/g2O6US8Y0YOrPrEaGp7WQ87SNshrmVf8ybSqJ4nuJUshryS
  w9fQPLOSmPNUbPfTqlkHrnLY2hZV5TR5GGP51l16JRd+NeDaJmeHpME9j
  MFkI/D5+r18s5tVGvA/I+I6ZS4f15sQUwzNqWltgZjroAQEuz54jIFmKY4c8M
  ELETB8uDPbMMGhqQVFgoFHODOa18XW/GUqbqV4mqQ9kEkLkTn7E0af
  vxv+5wKEWNI5C3RA0IRPiUfZXmDIP5PlspTJ36xat9TQ+CE0kqiHmVqChb
  oQNVyV7dRwed/PsiQabDPnuj6B0iKuY8VrdAFnm3vRsrQ/HdJD8Bvyjhfd1u
  dvVe5kknoK6OUm27aSnh+1JmWhboN7I96LjtKanGn3YWARajxhR8X7u5ieu
  8HN6jpo4keIJ3uJfkA8qEGSwqrBgS9wUBVuymie9sxAclXA+geshhaKfQ52V
  wwpXT4hIFdiL8hdD8DlSiEyCWrvuNiNvbHwZ4k6aBphQZFmRDEqNnOAar
```

SpmIuQDw7XdrE9+R0HcMuP7AaRt4kEQcBLuUlK0ZRtPLkD7fu4PWaZm1o  
 QrZXOsW9uIEqnTH9vXxaNJEv0Vt5WOExfNdCdW4/MzOuXWZjWJrmyW  
 FFC1jE/PZZUZTeBjT8sBH6dyE0EehRvglc93LmF1vOt8NWqqR8UnDBkvY  
 O4vsHPr/KE3TDJ7yaoVoDt3BORzwShDHEGKouqMAzzQc/6uu8WU3qsnT  
 weoSb53H3p18h261bXlfBGbTMvOD/VrFEleRVlxb3wbjNPD3YjePOk6lQjsrb  
 XWUyNb5oT50oWAzf5VhO7g0MwoXjSc1/sG7hIuV/x2/iXCaXTfpu4jCCSCf  
 QKKVxaezdpj4J5wZdeySPmd+qEarGSfTHAINStjCJtvE1dpmNjGqZBUNFUN  
 QjWSwQSf+Ov/Sn9NRmW7KVsbmQprPPnmoIxEOqlabIXDxwW3p7gnoF2p  
 Cg38LO8MHkr2SfKEg88Jxc23NwbabkpAEtyHDkImRau69hOealhxLx+yGss  
 KRDMCiRLjf0Kpd2efONqVzqxIQTtdeQ9VCsOkIZRMPW+vPKMam2H2N8  
 vQ8FI1VnjGVqIc1sV4p/TDappIlc9LLStuxQejD6dlcHSvwSDKrXNp0FV1zGf  
 3t2TRhsD53nNH5wVTtTj02IO9JoUU82hqK5BTyCM36/xfA0mL4giC9ZE8f6  
 MyNHw7Tm/8WIN6n5AcpWL4eDCmXLX85kxydfymMwA97kIlcGL3YUzFf  
 PoeIDBGPqbuXIyEoTnuEVQ2hjGV/GnHdetJvW5KQ37gVU/NKR4M8O52Y  
 CEIMrXxtv2uYlJNJOINzPx71VEfiNtlKSJ9ZAtuC+9BXXrT5ZpbSuK+Uy/Mg  
 BmndHAhfy+H+BpXsi1bX4etj6GgJaITPAIH19ZAaV8J0xgCcCuXa2to812LY  
 hxFvjFzqQrGsFX67b9U9OjzaUfXfYqUo7hALsvpm0i6oLvrH7Lao+MiBs5Ad  
 4+UVRlEKvQD7Kiy7d5E6yMHVfAmh+hL8qH4cl7UDS29wFftQdgH5MRj+  
 O9IKiC7tnmYcpipP6VjlFsq72JEMZYYGr76YGB5iL56L2HWvOvAkfN5gQk  
 2ojFmH7RqItA7EuhcSc67JIYgmVgKznEWqm8kSm3a1DvG0RWM5XzcATZ  
 q78ndvyY3JBGtrm39sjhi16ylBxQeCZ4HCkrsmAQSPevWmsrKjE0h+69zLTt  
 H4cdIdAx2r29eha5eH/EKgajWu1Vv+MaQXPj+6jDdzMIlu6cYFtYmmfCGKx  
 HD0qtgUo9G6ChmMD84lvc5W45iMUcicEX3brsmBG8pXlR7S3QJ9XO9tc8  
 DzaOmQlAm2rKE4YKntb6AH5IKkPNw0WHvgIM7H899YBWbRdSKarcCq  
 0CYaC3zBXhfCRXgEbPgcFHIkqpkkyqknREixLTxH8ahKtoKzhGrbuZmV92F  
 4yFl0+Kt1plCR23ofdKJL/0hAqDtX731bT8hQUOxRWthBJdI5WlGKQx5giC7  
 GbrvGqRAGaWmgd5zPXsYReVqj/T5dIMjqvWCN0FynxHs1pK23aGemy/Isc  
 yR2w8PvPLelLskerKUjtaI1Vj8  
 "  
 }

## **STEP 2: GENERATE TOKEN**

### **URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

### **Method Info :**

Method Type	GET
-------------	-----

Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared

### **Step 3 : INSERT INWARD**

#### **URL:**

<https://uatinvstfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/InsertInward>

#### **Method Info :**

Method Type	POST
Method Name	InsertInward

#### **Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

#### **Sample Response:**

```
{
  "InsertInwardEntryDatasResult": "oi53hJi+Q1TIDzBn/3//gumerY/DS5ad060bU3F7b7Ft5zk="
}
```

**STEP 4 : DECRYPTION****Refer PageNo – 7****Decrypt Response: (Decrypt the Step 3 response)**

```
{
  "GCMDecryptionResult": "SUCCESS,S2302270001"
}
```

Description	Parameter Name	Min Length	Max Length	Default Value to be Passed
Customer Title	Parameter1	2	5	Mandatory Field.It should not be empty
Customer First name	Parameter2	2	25	Mandatory Field.It should not be empty
Customer Middle name	Parameter3	1	25	Non Mandatory Field No value means send empty string ("")
Customer Last name	Parameter4	1	25	Non Mandatory Field No value means send empty string ("")
Customer DOB	Parameter5	NA	NA	Mandatory Field. It should not be Empty. Kindly use '-' as separator for DOB. (eg: 01-01-1986)
Gender	Parameter6	10	10	Mandatory Field.It should not be Empty Kindly Pass Male ,Female or Others
PAN Number	Parameter7	4	25	Mandatory Field.It should not be empty
Customer Address1	Parameter8	NA	50	Mandatory Field.It should not be empty



Customer Address2	Parameter9	NA	50	Non Mandatory Field No value means send empty string ("")
Customer Area	Parameter10	NA	40	Mandatory Field.It should not be empty
Customer City	Parameter11	NA	40	Mandatory Field.It should not be empty
Customer State	Parameter12	NA	40	Mandatory Field.It should not be empty
Customer Country	Parameter13	NA	40	Mandatory Field.It should not be empty
Customer Pincode	Parameter14	6	10	Mandatory Field.It should not be empty
Customer Mobile Number	Parameter15	10	12	Mandatory Field.It should not be empty
Customer EMAIL	Parameter16	NA	50	Mandatory Field.It should not be empty

Customer Phone Number	Parameter17	9	25	Non Mandatory Field No value means send empty string ("")
Customer TAXSTATUS	Parameter18	22	50	Mandatory Field.It should not be Empty Kindly pass (Resident Individual)
Selected Scheme	Parameter19	10	50	Mandatory Field.It should not be Empty (Cumulative or Non-Cumulative)
Selected Interest Frequency	Parameter20	2	50	Mandatory Field.It should not be Empt. For Non-Cumulative – (Monthly or Quarterly or Half-Yearly or Yearly) for cumulative - NA
Deposit Amount	Parameter21	min value 5000	Max Value: 99999 9999	Mandatory Field.It should not be empty

Maturity Instructions	Parameter22	18	50	Mandatory Field.It should not be Empty. Kindly pass (Auto Renewal or AUTO REFUND)
Tax Declaration	Parameter23	NA	50	Non Mandatory Field, Kindly pass (FORM 15G or FORM 15H) No value means send empty string ("")
Deposit Payable To	Parameter24	19	30	Mandatory Field.It should not be Empty. Kindly pass (Any One or Survivor or Sole or First Applicant or Former or Survivor/s)
Account Type	Parameter25	10	50	Mandatory Field.It should not be Empty (Saving A/c or Current A/c)
IFSC Code	Parameter26	11	15	Mandatory Field.It should not be empty
Account Number	Parameter27	NA	20	Mandatory Field.It should not be empty
Name Of The Bank	Parameter28	NA	100	Mandatory Field.It should not be empty
Name Of the Branch	Parameter29	NA	150	Mandatory Field.It should not be empty
Nominee Title	Parameter30	2	5	Non Mandatory Field No value means send empty string ("")
Nominee First Name	Parameter31	2	25	Non Mandatory Field No value means send empty string ("")
Nominee Middle Name	Parameter32	1	25	Non Mandatory Field No value means send empty string ("")
Nominee Last Name	Parameter33	1	25	Non Mandatory Field No value means send empty string ("")
Relation	Parameter34	5	25	Non Mandatory Field No value means send empty string ("")

Nominee DOB	Parameter35	NA	NA	Non Mandatory Field No value means send empty string ("")
Nominee Guardian Title	Parameter36	2	5	Non Mandatory Field No value means send empty string ("")
Nominee Guardian First name	Parameter37	2	25	Non Mandatory Field No value means send empty string ("")
Nominee Guardian Middle name	Parameter38	1	25	Non Mandatory Field No value means send empty string ("")
Nominee Guardian Last name	Parameter39	1	25	Non Mandatory Field No value means send empty string ("")
First Joint Holder Title	Parameter40	2	5	Non Mandatory Field No value means send empty string ("")
First Joint Holder Name	Parameter41	2	25	Non Mandatory Field No value means send empty string ("")
Second Joint Holder Title	Parameter42	2	5	Non Mandatory Field No value means send empty string ("")
Second Joint Holder Name	Parameter43	2	25	Non Mandatory Field No value means send empty string ("")
Bank Bazaar Unique ID	Parameter44		25	Mandatory Field.It should not be empty.It should be unique ID from your end (Vendor BA Code)
Scheme Period	Parameter45	2	25	Mandatory Field.It should not be empty
Rate Of Interest	Parameter46	4	10	Mandatory Field.It should not be empty
Aadhar Id	Parameter47	1	12	Mandatory Field.It should not be empty

Return URL	Parameter48	NA	150	Mandatory Field.It should not be Empty Payment Page Callback URL
Company Name	Parameter49		75	Mandatory Field.It should not be empty

MethodName	Parameter50	NA	NA	Mandatory Field Must Pass Value like "InsertInwardDetails"
Method Descr	Parameter51	2	5	Mandatory Field Must Pass Value like "Service_USP_UserInwardEntryDetails"
SubBroker Code	Parameter52	2	25	Non Mandatory Field No value means send empty string ("")
Branch State	Parameter53	1	25	Non Mandatory Field No value means send empty string ("")
Unit	Parameter54	1	25	Non Mandatory Field No value means send empty string ("")
Branch Name	Parameter55	NA	50	Non Mandatory Field No value means send empty string ("")
CKYC Reference NO	Parameter56	1	50	Mandatory Field for CKYC case(Refer Below Note No:2)
PANRapidTranId	Parameter57	1	50	Mandatory Field if Pan Rapid API is successful (Refer Below Note No:3)
KYC Type	Parameter58	3	10	Mandatory Field. Need to mention the type of KYC used -- EKYC/DIGILOC/CKYC  Its non-mandatory if the flow is done with PanRapid Api
Occupation	Parameter59	25	75	Mandatory Field.It should not be empty

Occupation Others	Parameter60	1	25	Mandatory Field only if Parameter59 is “ <b>Others</b> ”
NatureOfBusiness	Parameter61	25	75	Mandatory Field only if Parameter59 is “ <b>Self Employed</b> ”
NatureOfBusiness Others	Parameter62	1	25	Mandatory Field only if Parameter61 is “ <b>Others</b> ”
AnnualIncome	Parameter63	25	75	Mandatory Field.It should not be empty
SourceofFund	Parameter64	25	75	Mandatory Field.It should not be empty
SourceofFundOthers	Parameter65	1	25	Mandatory Field only if Parameter64 is “ <b>Others</b> ”
PEP	Parameter66	1	5	Mandatory Field.It should not be Empty. Must Pass “PEP” or “RPEP” or “NA”
Depositor’s wish to nominate	Parameter67	1	1	Mandatory Field.It should not be Empty. Must Pass “Y” or “N”
Nominee name to be printed in certificate	Parameter68	1	1	Mandatory Field if Parameter67 is ‘Y’-- Need to Pass “Y” or “N”
Country of Birth	Parameter69	1	30	Non Mandatory Field No value means send empty string (“”)
City of Birth	Parameter70	1	30	Non Mandatory Field No value means send empty string (“”)
Whether Investor is Tax Resident of India and not Resident of any other Country	Parameter71	1	1	Mandatory Field. Need to Pass “Y” or “N”. Currently we are not allowing NRI customers. Default value – ‘Y’

Tax Identification Number	Parameter72	1	30	Mandatory Field if Parameter71 is 'N'.
Tax Identification Type	Parameter73	1	30	Mandatory Field if Parameter71 is 'N'.
Address type for Tax purpose	Parameter74	1	30	Mandatory Field if Parameter71 is 'N'. Need to pass ('Residential', 'Business', 'Registered office')
Tax Resident Door No	Parameter75	1	50	Mandatory Field if Parameter71 is 'N'.
Tax Resident Street/Colony Name	Parameter76	1	50	Mandatory Field if Parameter71 is 'N'.

Tax Resident Pin Code	Parameter77	6	6	Mandatory Field if Parameter71 is 'N'.
Tax Resident Landmark 1	Parameter78	1	50	Mandatory Field if Parameter71 is 'N'.
Tax Resident Landmark 2	Parameter79	1	50	Non-Mandatory Field .No value means send empty string ("")
Tax Resident Area	Parameter80	1	30	Mandatory Field if Parameter71 is 'N'.
Tax Resident City	Parameter81	1	30	Mandatory Field if Parameter71 is 'N'.
Tax Resident City as per PO	Parameter82	1	30	Mandatory Field if Parameter71 is 'N'.

Tax Resident Taluk	Parameter83	1	30	Mandatory Field if Parameter71 is 'N'.
Tax Resident State	Parameter84	1	30	Mandatory Field if Parameter71 is 'N'.
Tax Resident Country	Parameter85	1	30	Mandatory Field if Parameter71 is 'N'.
Marital Status	Parameter86	NA	30	Mandatory Field. Need to Pass Married/Unmarried/Others
Customer Category	Parameter87	NA	30	Mandatory Field. Need to Pass ShareHolder/Member of Public/ Director/ Relative of Director/ Promoter
Repayment Mode	Parameter88	NA	30	Non- Mandatory Field
Nominee Guardian DOB	Parameter89	NA	NA	Non -Mandatory Field
Investor Name as per Pan	Parameter90	NA	30	Mandatory Field.
POA Detail	Parameter91	NA	30	Non- Mandatory Field.

**Note:**

- If Parameter52 (SubBrokerCode) has value means Parameter53, Parameter54, Parameter55 are mandatory to pass values
- If above Lead ID is CKYC verified i.e if CKYC API return “SUCCESS” then in response under “RequestID” you will receive unique number which need to passed in the “Parameter56” then SHRIRAM system will consider the case as CKYC compliance post checking in system with PAN provided in API against the CKYC verified PAN, otherwise system will consider as NON-CKYC and vendor need to upload KYC
- If above Lead ID is PANRapid verified i.e if PANRapid API return “SUCCESS” then in response under “RequestID” you will receive unique number which need to passed in the “Parameter57” then SHRIRAM system will consider the case as PANRapid compliance post checking in system with PAN provided in API against the PANRapid verified PAN, otherwise system will consider as CKYC Or NON-CKYC and vendor need to upload KYC



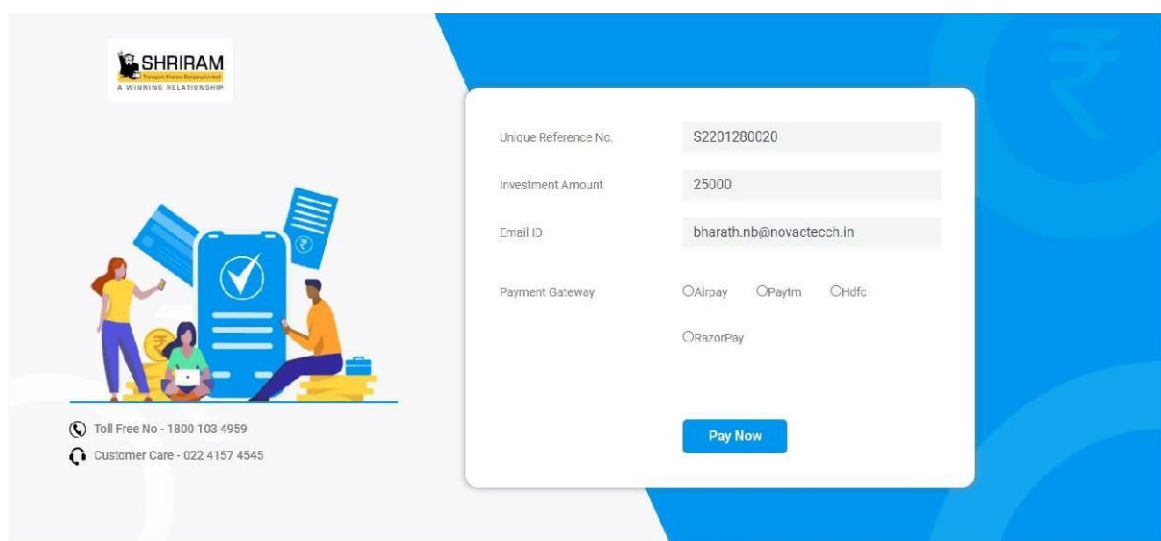
## **Payment Information**

This API is used for to Proceed with Payment Gateway.

### **URL :**

<https://uatinv.stfc.me/uatbankbazaar/userdetails1.aspx?Qvalue=S2201280020&Parameter16=bhxxxxh.nb@novactecch.in&Parameter21=25000>

Key	Value
QValue	Lead Number generated in InsertInward API
Parameter 16	Customer Email ID
Parameter 21	Customer Amount



**SHIRAM**  
A WINNING RELATIONSHIP

Toll Free No - 1800 103 4959  
Customer Care - 022 4157 4545

Unique Reference No. S2201280020

Investment Amount 25000

Email ID bharith.nb@novactecch.in

Payment Gateway ☐ Airpay ☐ Paytm ☐ Chdco ☐ Razorpay

**Pay Now**

### **Payment response on Call Back URL(Real Time)**

Headers	Payload	Preview	Response	Initiator	Timing	COOKIES
▼ Form Data	view source	view URL-encoded				
APTRANID: 311008003789						
SHRTRANID: 52202110014						
AMOUNTAP: 30000.00						
MESSAGEAP: Success						
RESPONSECODE: Success						

## **PAYMENT REVERSEFEED**

This API is used to know the status of the Payment made.

### **STEP 1 : Encryption**

**Refer Page no – 5 & 6**

#### **Sample Request:**

```
{
  "TranDetails" :
  {
    "TransactionID": "S2301454875125",
    "Company": "SFL",
    "TokenKey": "C3CABSTFINAPI",
    "Product": "deposit",
    "BACode": "BACODE",
    "APIFlag": "Y",
    "Action": "F"
  }
}
```

### **STEP 2: GENERATE TOKEN**

#### **URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

#### **Method Info :**

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared

**STEP 3 : FETCH TRANDETAILS****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/FetchTranDetails>

**Method Info :**

Method Type	POST
Method Name	FetchTranDetails

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Request:**

```
{
  "strdata" : "illgtbyDVB3CXGo7vm/yyfv67t9sqPUhGO/if/T7iPhmwODsuIZb
zlktaEqLX6FT49N3DW8jaMJIZUQ9yhL9H2ekoc0QfHyYpeMP1B424OjNSB
soVQVOVzAbSmtKTum+e2h+9baXvvFr5oipqdPsN34R09MzmJILQeG2K6W
9iXm2ENMkNzrtcfdhqSjaBLJixwCFdsBJvYLPwi8q04vWU5uoMYSz9NpVs
wqvzxd8DYN0"
}
```

**Sample Response:**

```
{
  "FetchTranDetailsResult": "qgAWk6+MfgvXXnc+oiOB9vuU8stut7hgLeX5e
NLRIpgqh7yyppQskQBvPxPGX7cf1dB2USwAfoI2K3In43PIXTCCoopXV1qct
a18sn8/zdzjdxdeQz5vchUxHGVScO69czE/wPnC6ft6tN20tcuiN34R09MzmJIL
Qa2HAovc/nXXaaNqen+OG9BSqSWRBNwv4kfHH+RT69HO2WF83e+wR5
XtjdQkCNDN4nhbCTwXkeD08jFdQBqLEudtPR3zqNVzmTkGMiluwFqfPU
MpNHb4bUVCegIvk+o09b5wO7B51Y1d8h/X3p2TnqdTIMNEZOoyEs3qfx+
L9F0hfqSRV1S/VTaTQqnhm7gE/4/PzjF+x5SjB4lYugpPlmhrhWMXHcnYfq/q
W5cPSQ5PYpbkj1tfUFIKUxCCw12O68I0X1pDJUPWfQXdh7ah+ts6sp8TtO
OqpJ0ZLQU4QqynWtkW5FvizX83TeMSd3jag+6J4zYzMqjtfbq2l2vQsNyeiQ
m6tc2sX7rN+uTE4jDXhj4JduUugoD8qFjLajqYAJkFcx6gLwrRnFHuLtKp6rj
RptIdVjUk+kJT2sv9cVsl5+JPG35NdM4eqX8x5JuhMpHq2VGD+/6lsb2xvKF
HMT3TV5wf+Q+qYsuoMwtlLKyH/zfFEcFQGV5VAmAmC4E1DrkPmnGEiV
lpKsU99mGsSfzHC3HFOwCNLzDf+R0qP49lhJ2pMejxZA0DTo4F42TM/z6x
PTREg3O2iKS/3DmB+hGgmMgWohqqrybC/Kv/jNvrevr7pPIyFyt6uRKJWyV
g4gqO2kC6Zu3uR3KR8mNMsBSwNEDhYXEEAwiBd8SN6ikqAW4o9p2+Er
C1P6nJCMxxI19AjYWSSbOd2J0mYWbpcD9QBrOviOPo/GBfV9Hr7vqGt28i
5vcy+sv05Qi2jleIZdPD8+f1e8kxuBQEHUqFt96EYxgc77u9rNeCR/qF9WlZoi
mETeXH1Aaiwqee32MNJ2MyFJ1Zfc0ogP8yTEx112YSgW+I3kFr3OFUgKV/
Svza3Z8RzvEFWQK9cjhkJZsHy3miKSOa2asjbGmBd3lILHuMpfkuaIA9UWn
ZE79d94q/IHiwCj+Xc440RWcpdv8Gbrr72feDPRvL3F7P3PbCr9p3/SpDPCs2J
Dr3mF+I="
}
```

**STEP 4 : DECRYPTION****Refer PageNo - 7****Decrypt Response: (Decrypt the Step 3 response)**

```
{
  "DecryptDataResult": "[{\"TransactionID\":null,\"Action\":null,\"Company\":
null,\"MobileNo\":null,\"EmailID\":null,\"Product\":null,\"Amount\":null,\"BA
Code\":null,\"APIFlag\":null,\"TokenKey\":null,\"DisplayErrorMessage\":null,\"
TRANSACTIONSTATUS\":\"200\", \"MESSAGE\":\"Success\", \"APTRANS
ACTIONID\":\"114977770\", \"TRANSACTIONID\":\"2022120516734\", \"AM
```

```

OUNT\":"25000.00\","AP_SECUREHASH\":null,"CUSTOMVAR\":"\","C
HMOD\":"upi\","BANKNAME\":"Cosmos Bank\","CARDISSUER\":null,"
CARDTYPE\":null,"CUSTOMER\":"TRISHA TUSHAR MANE\","CUSTO
MEREMAIL\":"MTRISHA1028@GMAIL.COM\","CUSTOMERPHONE\":"\
"9860097305\","CURRENCYCODE\":"356\","RISK\":null,"TRANSACTION
NTYPE\":"320\","TRANSACTIONTIME\":"05-12-
2022 22:04:24\","TRANSACTIONPAYMENTSTATUS\":"success\","MERC
HANT_NAME\":null,"WALLETBALANCE\":null,"SURCHARGE\":"\","S
ETTLEMENT_DATE\":"06-12-
2022 00:00:00\","CARDCOUNTRY\":null,"CONVERSIONRATE\":null,"BI
LLEDAMOUNT\":"25000.00\","TRANSACTIONREASON\":"\","TRANS
ACTION\":"200Success114977770202212051673425000.0027953631122795
363112upiCosmos BankTRISHA TUSHAR MANEMTRISHA1028@GMAIL.
COM9860097305356032005-12-
2022 22:04:24successShriram Transport Finance - Liability06-12-
2022 00:00:0025000.00snehalshinde054@oksbi233904076934CMS298909772
8\","RESPONSE\":null}}"
}

```

Parameters	Required or Not	Description
TransactionID	Required	Must pass value like received from InsertInward API
Company	Required	Must pass values like “SFL”
TokenKey	Required	Must Pass Value Token Key Which will be shared Through Email before PROD
Product	Required	Must Pass Value like “deposit”
BACode	Required	Must Pass Value of Vendor BA Code where it has been shared through email
APIFlag	Required	Must Pass Value like “Y”
Action	Required	Must Pass Value like “F”

## **INSERT IMAGES**

This API is used to Upload images Manually instead of CKYC process.

### **STEP 1 : Encryption**

**Refer Page no – 5 & 6**

#### **Sample Request:**

```
[{"Parameter1":"data:image/png;base64,{ Base64 value }",  
"Parameter2":"data:image/png;base64,{ Base64 value }",  
"Parameter3":"","Parameter4":"InsertImages","Parameter5":"Service_USP_U  
serImageDetails","Parameter6":"S2212090492"}]
```

### **STEP 2: GENERATE TOKEN**

#### **URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

#### **Method Info :**

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared

### **STEP 3 : INSERT IMAGES**

#### **URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/InsertImages>

**Method Info :**

Method Type	POST
Method Name	InsertImages

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Request:**

```
{
  "Image" : "qgAWI7yfcRXTSWYI/G/ykL3P6N84svkjC+OiYdPYkaAlgbXov
poGqC9QDAqPNsoWz/1bPE8DQrU3AkIOzRCeZSaxj+cxK3S8hYB0txxM1P
3ecHo9Ug1CUQQQPBIItX9qdWE1eruzF3sRP16abrNCdXTAp09Eds4seOoK2
HaqypAasT79HWlnhb9Ztlwz7c+0GvIbHA/Rdk63EmWN73qGwH4Gygt8VZv
PI1WNmKQ4co/THh2JUZCKLC5NsHwT+rf9BqiM4NzBry1+rDTZdcQyJNig
FNAdSif82xa8eaP5E4a8Fwxnt6bGmkeZeKfRkYuwMdujMQnnb60QCdp+Za
GLPAFWcX8j5ncdg0qfJ7wxU5ZTTft8exngpshgXsBEieLLjAd+FD/wbLRpeFI
3Z6CQyQ19aJgWZ43jmzrRHOydwWmjKTxeAkfL55aRSxLkHkt7VwqktIAx
AKbK9LqQNzn33wicgF7QxZGTp+fWWynp7Yu+1bdbFrBuo1bfz+TLruOejU
bCX94jciDPkrAA5BLsqj9nm9ggyCDyCIP8mcVbieWuo6VqIC/+L8bism6cIcR
Zw7ywEjtzyC1Ben/xwPEw0FPoz+Td9/o7uQvfi+WOrzoiIvI2zy+5QfZSXY5I0
yGDpVdi2bEUKP5Su3BLPK8wqEXQ5bIVVfi44VedLpFSk9iFOP6g+3UaZV/
z2RCWqfAOEDRbcgy87RJ1oh4OpFoLKVzE5R/U2z3+q8lakB3cXv2KSneng
9WTX/xfhnNQCifnvIBvS+"
}
```

**Sample Response :**

```
{
  "InsertionImagesResult": "xEsH6pmCcw3bWG0j7Ri43rbP+Ntm+8c3D+Xo
Ys5p9hgPvGOGYK8MB7u4OX3z"
}
```



**STEP 4 : DECRYPTION****Refer PageNo - 7****Decrypt Response: (Decrypt the Step 3 response)**

```
{
  "DecryptDataResult": "503-Document Uploaded Success"
}
```

Parameters	Required or Not	Description
Parameter1	Required	Must pass value IdProof Base64 Data
Parameter2	Required	Must pass value AddrProof Base64 Data
Parameter3	Required	Non Mandatory Field No Value Means Pass like ""
Parameter4	Required	Must Pass Value Like "InsertImages"
Parameter5	Required	Must Pass Value Like "Service_USP_UserImageDetails"
Parameter6	Required	Must Pass Value Like "S2212090492", Pass the Value Generated in InsertInward API

## **Check Cert Satus**

This API is used to know the Status of the Investment or Lead Id generated.

### **STEP 1 : Encryption**

**Refer Page no – 5 & 6**

#### **Sample Request:**

```
[[  
  "Parameter1":"S2205100023",  
  "Parameter2":"JSONCheckCertStatus",  
  "Parameter3":"Service_USP_CertCheck"  
]]
```

### **STEP 2: GENERATE TOKEN**

#### **URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

#### **Method Info :**

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared

### **STEP 3 : Certificate Status**

#### **URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/CheckCertStatus>

**Method Info :**

Method Type	POST
Method Name	CheckCertStatus

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Request:**

```
{
  "Image": "qgAWI7yfcRXTSWYI/G/ykIqcro436qRyXLS+M5Gd+qM2k727/tMdzE8lfDfsMsMyyNI5Fk0oY5QMM3Yd+SL9H2egr9QUf1KJubMG1Gcn8Mz9bVIfdhNVRTANKyIaati5en52o+nwZZ1wclCQ4Jt9tz1Fy/+tCQ=="
}
```

**Sample Response:**

```
{
  "CheckCertStatusResult": "xEoG6p6IYgzfW2o0rDmtkp7L8ttwuuAnCKutUtiN3qwr3P3ruIdazlQsalGfNOMHxc9uEGsjZaEyKGIH+HzqA3XA4JZFPhe0srdQhSloxs7X1oIdmEyJIJgRXddM6rhMz1Q4ODY7vx676a3r9Kgb3FmoaJp0sxZV+O/D5OFrl3zWaFnb32BE44V9mSNE6VxuQ6JBs5j5N2Onz8brvB0Hm5MwmF/IobNde/e"
}
```

**STEP 4 : DECRYPTION****Refer PageNo - 7****Decrypt Response: (Decrypt the Step 3 response)**

```
{
  "GCMDecryptionResult": "512-Certificate Generated- Certno.- 52150934, TrNo.-T220193043, InvestmentAmount-5000.00, ShridocsNo.- S2205100023, InvestmentDate-2022-05-10, MaturityAmount- 5325.00, MaturityDate-2023-05-10, ROI-6.32"
}
```

**Request Info :**

Parameters	Required or Allow null	Description
Parameter1	Required	Reference Number generated from Insertinward API
Parameter2	Required	Pass Value Like 'JSONCheckCertStatus'
Parameter3	Required	Must Pass Value Like 'Service_USP_CertCheck'

**Response Info :**

S.No	Error Message
1	501-Invalid Reference Number, TrNo.-T220193043, InvestmentAmount-5000.00, ShridocsNo.-S2205100023, InvestmentDate-, MaturityAmount-5325.00, MaturityDate-, ROI-6.32
2	514-Upload Proof Documents- TrNo.-, InvestmentAmount-5000.00, ShridocsNo.-S2205100023, InvestmentDate-, MaturityAmount-5325.00, MaturityDate-, ROI-6.32"
3	512-Certificate Generated-Certno./ 52096481, TrNo.-T220193043, InvestmentAmount-5000.00, ShridocsNo.-S2205100023, InvestmentDate-2022-05-10, MaturityAmount-5325.00, MaturityDate-2023-05-10, ROI-6.32"
4	516-Certificate Has Been Closed-CertNo./ 52093693, TrNo.-T220193043, InvestmentAmount-5000.00, ShridocsNo.-S2205100023, InvestmentDate-2022-05-10, MaturityAmount-5325.00, MaturityDate-2023-05-10, ROI-6.32"
5	517-Certificate Has Been Cancelled-CertNo./ 51752566, TrNo.-T220193043, InvestmentAmount-5000.00, ShridocsNo.-S2205100023, InvestmentDate-2022-05-10, MaturityAmount-5325.00, MaturityDate-2023-05-10, ROI-6.32"
6	518-TR Under Processing-S2205100023, TrNo.-T220193043, InvestmentAmount-5000.00, ShridocsNo.-S2205100023, InvestmentDate-, MaturityAmount-5325.00, MaturityDate-, ROI-6.32"

## **Bank Search**

This API is used to fetch the list of Banks.

### **STEP 1 : Encryption**

**Refer Page no – 5 & 6**

#### **Sample Request:**

```
{
  "QBBankIFSC": {
    "ColumnName": "QBIFSC",
    "LikeValue": "icici",
    "Paramstr1": "N",
    "Paramstr2": "",
    "Paramstr3": "",
    "Paramstr4": "",
    "Paramstr5": "",
    "Paramstr6": "",
    "Paramstr7": "",
    "FilterColumn": "",
    "PageNo": 0,
    "CompanyName": "SFL"
  }
}
```

### **STEP 2: GENERATE TOKEN**

#### **URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

#### **Method Info :**

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared

**STEP 3 : IFSCCODEService****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/IFSCCODEService>

**Method Info :**

Method Type	POST
Method Name	IFSCCODEService

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Request:**

```
{
  "strdata": "tZlbDAzaFnTUemeW8x48dW0whSoKc4N65lf8+/9GC6Kj08V1
VCEexb3W2omyfr72aSpMaKLUZfbwfOqMmnPNIQwWuj4LftVSEWdou3do
mbZcVyufXvaJ1yrZ08w9xkVXqajO7R84Ff2agazHEOaFE+64wuNRHF9FUg
TFHzYu6nDyPg8bC/AmykfHA9G7Gop9QbIABaOveffT83UIBRw16NcyqQO
D5dfZWvWDDsafv6lEkCa+va4xCH4VCuxSQjqY/QtFJWZOk4YP5YeB+hlec
V+9oNKPh8xUkAdJCM5jY5vJ0g44wjaDWJ58jiFol2dcu2j1C40NBQ3HAg=="
}
```

**Sample Response:**

```
{
  "IFSCCODEServiceResult": "lcJZbk2WLHTkemee0npVFAFL9hlhe846sXj8
3tpOHePr0d0GXysR1bfUtOqwXPXfaw8CMeW0Mb2BffuRvX+c2lXk4W4jU
O9lKnRmoxQls/FST1ncALWtwi3IooFjg0VPp8PdxS4QSL7ew6/XCOqFWKzu
0fdQCVBYTsmBVi406mPmK30HVepp+1LbXbHzW8Y8BbJqRpyLXNfmzw
IIEx5VpJBUnBGS9piQDM73Zb/2vckp/Cv3nY4QWBFYJPdUf3DQqW0Ceids
0NtI4qvqg3BMcV+9oNuaxJgP7V4QX95gc4mrtm44q3DQG6BuzHpR3/fKJCjf
SyUk58s+KtiIJIKu4SxCvjglwyqhttlcpufP1Xu0aJTv4Mqk5Jaom6Zd4DnRrxy
Bb6CByUmb66Y9S+HukIbMOhgqxXx+AW5JLKCH5OqMMkoItVwuNeBY2
GJzUK1kpFzfWlQrvV8JP3ct4GT6f0IOFwSzI3Pn48hFjmEFCjXq43rsySfj9qJp
mO2pBUusbDKdOOkY7mbrasyW+QSwGti9EQ8cHB1AFodExHPjBYO9pcY2
q7Mjx36zn48RRcysWYsy8sGtK0tdG/zUeBUT4R7g6sWkWTNrl9ZDIgum23
YqteKGSa58Z2iDxaaTfiutW22zyoQja+4ViN2M7NEZt5Ua0zC3LOWbnyDyab
/Ysahrm2SXE2qf1S+pDqrl/xJ3j78htoFhckieOvnijy537aVfg6q0gZuuRQFt/j5/L
kkeBB1JWDChww=="
}
```

**STEP 4 : DECRYPTION****Refer PageNo - 7****Decrypt Response: (Decrypt the Step 3 response)**

```
{
  "GCMDecryptionResult": "[{"BankBranch": "NASHIK", "BnkDescr": "I
CICI BANK LTD", "BnkShrtDescr": "ICICI", "Code": "", "IfscCode": "ICI
CI000002", "intCustbnk_pk": "187"}, {"BankBranch": "MEHSANA", "Bnk
Descr": "ICICI BANK LTD", "BnkShrtDescr": "ICICI", "Code": "3842290
01", "IfscCode": "ICICI000025", "intCustbnk_pk": "187"}, {"BankBranch":
"T NAGAR", "BnkDescr": "ICICI BANK LTD", "BnkShrtDescr": "ICICI",
"Code": "", "IfscCode": "ICICI000168", "intCustbnk_pk": "187"}, {"Ban
kBranch": "THIRUVANANTHAPURAM", "BnkDescr": "ICICI BANK LTD
", "BnkShrtDescr": "ICICI", "Code": "", "IfscCode": "ICICI006262", "intC
ustbnk_pk": "187"}]"
}
```

## **GenPayLink**

This API is a Pay Later Option API with specified Time Validity.

### **STEP 1 : Encryption**

**Refer Page no – 5 & 6**

#### **Sample Request:**

```
{  
  "Action": "F",  
  "Transactionid": "S2304280002",  
  "SourceId": "DEBMUM104",  
  "Company": "SFL",  
  "Product": "DEPOSIT"  
}
```

### **STEP 2: GENERATE TOKEN**

#### **URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

#### **Method Info :**

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared



**STEP 3 : GenPayLink****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GenPayLink>

**Method Info :**

Method Type	POST
Method Name	GenPayLink

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Request:**

```
{
  "strdata": "tZs6T1iRKFi0ISu7mHRNYj1ryyJJU5h//FT70bwRTNOrwNcQJF
Bops7G1IfcRLrmTShFVKPUZfSWUMuorFfeiRpk924pfMtWAjgzo21q9cc2O
VnSDseWyzregpol3EdXwc/Owz4QLKyTMZ/3MLAZAaZsOJtY96Lpfw=="
}
```

**Sample Response:**

```
{
  "GenPayLinkResult": "lcJZfF6XI0P1byvHmBwqZgBZ7AUKHM5V/Ffi1PB
STLq7oKFoNER6woyVmNifdKH6UCVJeeXMfYXgJrnRyyLfiR50+WBIQMI
TETUvyDNo7bY0MDmzedrVlGqJzcXljwke0+vy5QkNEeOL0aXHGPaVAu+
qqq8TSWYHFEzBCDY9/nzuKGxYVbMb2ErYU531b9ozT6pyDKW6ZL6Iri9
oXF17opRjjVjEs4yeHaj1YNLe7vsQjTGhsLYhHwAPI9JOS0rQqmYgYQpOIL
YQxZjT9GEvYEDcsuLMioRhDX0LJRXBbnJiaQG5"
}
```

## STEP 4 : DECRYPTION

**Refer PageNo – 7**

**Decrypt Response: (Decrypt the Step 3 response)**

```
{  
  "GCMDecryptionResult": "[{\"Product\":\"DEPOSIT\",\"Company\":\"SFL\"  
,\"Transactionid\":\"S2304280002\",\"SourceId\":\"DEBMUM104\",\"LinkValidTime\":\"2023-08-04T12:05:36.043\",\"PaymentUrl\":\"  
https://uatinv.stfc.me/uatbankbazaar  
/AL.aspx?Qvalue=uEKqgRrwOGhNPfWznpp4XA==\"}]]"
```

## **CertificateEnquiryAPI**

This API is similar to the CertCheckStatus API with additional information of the Investment.

### **STEP 1 : Encryption**

**Refer Page no – 5 & 6**

**Sample Request:**

```
[{  
  "Parameter1":"S2205270013"  
}]
```

### **STEP 2: GENERATE TOKEN**

**URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

**Method Info :**

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared

**STEP 3 : CertificateEnquiryAPI****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/CertificateEnquiryAPI>

**Method Info :**

Method Type	POST
Method Name	CertificateEnquiryAPI

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Request:**

```
{
  "strdata": "lcJZfE2KJlvzb2yPi3pVFBw4l2EdAtsmowuhl+N2gvkDV38PETG
26+FlhSK/sw=="
}
```

**Sample Response:**

```
{
  "CertificateEnquiryAPIResult": "DT2ZDgI/DaVpSWKM43qmhrn20b3ZXT9
Uaegqj1y5rGMFPYwX2/mAir0M7KkXANrEp33U7Qf6kdXUr63H9hPpV6GF
YOD6Zmph5IShYzu39dr9EJjjA+lc3buThcNuKcnEHSY7TWffvXRHizZc96C
OWxFo0up/4fkmPPFaaQ+4JoAdwLjD2YGIWAWA3bJyZMBA2qI/X0zDwV0
```

```
bpLgqSUNPTEPtqTxhwxMbm7djjd/9iGk8hqsjOBmwc+etxeClbb04NHIKq/ve
y9Mgfhg/Qe07LLjNPW6N81k4Awsa7lrBAqh96APZ74ref7g9xGo7HTTTnRQ
iZL8q0SsSiO2mlmVWJwR8A6CJAOkqiCOUWQ4wBGjweF88Om7aB0b30b
u7NQj03xDILTUAZGch1pd4Ja0UzHlcf0a9/mTNkFw1AyVZrtNf2myTIQ9G
Ms/sq5c6tcJzyqgOnSjl/926SAv5sRT1oE6TzyNIDpc8cQvlbYSX0BX2B8eDD
gPC/GW1Mx1Q72h5/nFaCJB+RU21dtxmHRQuIGTeCO6gtc4X79VcHg4Peof
Finz91Le1GSSOAZPYyWn/im24w6pTi9ZGwsKntqty0E+YZg2JQCGDxUxxE
N3/4rYLh7iVFHdykIpFg4GSZIRVukJrM+/gvws/ITbh4iXw28+T92ONEIXAp
MA6p18jnj63vKdnHX0hdT6pWh5RPcCXiMt0LrjfTwFTH3b6b+OnJ6VfVuT
4mPUHsb3+JgA9D2mKIToBFNMUA7QBLiaiJwHixfQODBz77NHfEDfMsZ
Mjg0yzfZ2jm/wH2qAHc9DV0my1mEXBkyldK+e8TX2RzH1L6DfHyaW7nux
zNDTI/GEFjuQfi8WdhbFvwQ+Rfag7pfE0HuMZxeqouIpZRKQ81eQdarWZ4
CKdHepp9lMXOLCe8uZRd0NTAB6d2coYtMf0a7xg6Zqh1QF88EXuxkhrT4y
8p/gDYsnpZHKqsAdZqikFAHgH56ZhZrNnHpmQzyls+yYtDkhHVc4KGj9frZ
wqVXA5/D7X6xTLba7cYJdG8Gr+UIZ1Q2153EIY2S/j5wT3q1feaDLblMaWz
7GQvJhzHoqllauMVUgaeIKk1G69lhLgKyC8rJalYpg5P5V0sdqweV4N03ukbt
G/92cifqoMaeYeyWYPgGg7P0VsVgM5eR/nGWGdqBdAXAGDNFhKWNHF
P6Nt7N3e4VbfeFSXuiZDpCpLYVEFGAATMJ81HtMRyG2OzGnHP+KQ1iQ
6A5DHwTUczXJBvfEWAH2uzIKsTloUgZ68sXM1bXILoFGBxERmKdizgJX
k1n1UoR46sXOLvuwp/N0="
}
```

## STEP 4 : DECRYPTION

**Refer PageNo – 7**

**Decrypt Response: (Decrypt the Step 3 response)**

```
{
  "GCMDecryptionResult": "{ \"Description\": \"518-TR Under
Processing\", \"InvestorName\": \"M*****r\", \"Pan\": \"CA*****5G\", \"
CustomerCode\": \"*****6824\", \"Certno\": \"NA\", \"Trno\": \"T220407597\", \"In
vestmentAmount\": \"100000.00\", \"InvestmentDate\": \"NA\", \"MaturityAmount
\": \"126156.00\", \"MaturityDate\": \"NA\", \"ROI\": \"8.81\", \"SUBBROKER\": \"
NA\", \"Tenure\": \"36\", \"Interestpayfrequency\": \"NA\", \"SchemeType\": \"Cum
ulative\", \"MaturityInstructions\": \"Auto
Refund\", \"Batchprocesseddate\": \"NA\", \"TransactionStatus\": \"Payment
Success_KYC
uploaded\", \"FirstApplicantName\": \"M*****r\", \"SecondApplicantNa
me\": \"NA\", \"GuardianNameofFirstApplicant\": \"NA\", \"GuardianNameofSec
ondApplicant\": \"NA\", \"NomineeName\": \"M*****\", \"NomineeGuardianN
```

```

ame\":"NA\","ApplicationID\":"S2212081361\","TrStatus\":"TR Under
Processing\","Discrepancy\":[{"Discrepancyreason\":"Address Change
Mandate Required\","Discrepancyremarks\":"Kindly update the address
details\","DiscrepancySentOn\":"Oct 24 2024
6:07PM\","DiscrepancyStatus\":"Pending\","DiscrepancySMSSentDate\":"N
A\","DiscrepancyLinkStatus\":"N\","DiscrepancyLastClearanceOn\":"NA\"},
{"Discrepancyreason\":"Id proof scan not clear please
rescan\","Discrepancyremarks\":"Correct Id Proof
Updated\","DiscrepancySentOn\":"Oct 24 2024
6:07PM\","DiscrepancyStatus\":"Pending\","DiscrepancySMSSentDate\":"N
A\","DiscrepancyLinkStatus\":"N\","DiscrepancyLastClearanceOn\":"NA\"},
{"Discrepancyreason\":"Valid Address proof required with Self
attestation\","Discrepancyremarks\":"Kindly update the address
details\","DiscrepancySentOn\":"Oct 23 2024
5:14PM\","DiscrepancyStatus\":"Cleared\","DiscrepancySMSSentDate\":"Oc
t 23 2024
7:25PM\","DiscrepancyLinkStatus\":"Y\","DiscrepancyLastClearanceOn\":"
Oct 23 2024 5:36PM\"},{"Discrepancyreason\":"Valid Self Attested Id proof
required\","Discrepancyremarks\":"Correct Id Proof
Updated\","DiscrepancySentOn\":"Oct 23 2024
7:09PM\","DiscrepancyStatus\":"Cleared\","DiscrepancySMSSentDate\":"Oc
t 23 2024
7:25PM\","DiscrepancyLinkStatus\":"Y\","DiscrepancyLastClearanceOn\":"
Oct 24 2024 6:05PM\"}}}]

```

**REQUEST INFO:**

Parameters	Required or Allow null	Description
Parameter1	Required	Must pass value like “S2205270013” (ApplicationId)

**RESPONSE INFO:**

Parameters	Description
ApplicationID	Payment ID
Batchprocesseddate	Certificate Batch process date

Certno	Certificate number
CustomerCode	Unique Customer code generated
Description	Certificate status
Discrepancy	Denotes whether any discrepancy marked for the Certificate
Discrepancyreason	Description of the Discrepancy
Discrepancyremarks	Remarks of the Discrepancy
FirstApplicantName	Name of the First Applicant
GuardianNameofFirstApplicant	First Applicant Guardian Name
GuardianNameofSecondApplicant	Second Applicant Guardian Name
Interestpayfrequency	Interest Frequency for Non-Cumulative cases. For Cumulative, default 'NA'
InvestmentAmount	Deposit Amount
InvestmentDate	Date of the Investment
InvestorName	Name of the Investor
MaturityAmount	Maturity amount of the Certificate
MaturityDate	Maturity date of the Certificate
MaturityInstructions	Maturity Instruction of the Certificate
NomineeGuardianName	Guardian Name of the Nominee
NomineeName	Name of the Nominee
Pan	Pan number of the Investor
ROI	Rate of Interest of the Certificate
SUBBROKER	Denotes the Subbroker

SchemeType	Denotes the type of the Scheme, whether Cumulative or Non-Cumulative
SecondApplicantName	Name of the Second Applicant
Tenure	Tenure of the Investment
TRStatus	Certificate/TR status
TransactionStatus	Denotes the Transaction Status
TRNo	TR number generated
DiscrepancySentOn	Discrepancy Generated Date
DiscrepancyStatus	Discrepancy Current status
DiscrepancySMSSentDate	Discrepancy SMS Sent Date
DiscrepancyLinkStatus	Discrepancy Link status
DiscrepancyLastClearanceOn	Discrepancy Last Cleared Date



## **FCLNorms**

This API is used to know the Fore closure details of the Investment

### **STEP 1 : Encryption**

**Refer Page no – 5 & 6**

#### **Sample Request:**

```
{  
  "Action": "S",  
  "Company": "STFC",  
  "Product": "DEPOSIT",  
  "Certno": "51580347",  
  "FCLDate": "12/04/2024",  
  "Flag": "Agent",  
  "Loginuserid": "DEBDEL031"  
}
```

### **STEP 2: GENERATE TOKEN**

#### **URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

#### **Method Info :**

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared

**STEP 3 : FCLNorms****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/FCLNorms>

**Method Info :**

Method Type	POST
Method Name	FCLNorms

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Request:**

```
{
  "strdata": "
Zw1ZTXZYn9N9XcqRzOYs1K9HnS9sNCdJrXuMnoLFYU4y6dsLfFfUkj0x3
4dkjbIAkgVbO/LXJ9NKVWG1qmA5tUHmbLvC2lZFZiysXIXtPTw5TzTzXy
H/bhxyHh3IdlWiC8ijT5zqHdjqqFsJjx/WE5mxEeehN3TVLO9WEXLKTS14Is
cHxp3wO856tyYfbvbUsV7FF/WQ83oUIHQ=
"
}
```

**Sample Response:**

```
{
  " FCLNormsResult": "
JxJS1I/0XnakDPIUuOlXFo4gmWAVueEXNvUNFeOOopF4KzXebqSunHyH6
En9KhnowEzUZl7IK95vomMYMb7iEznTpO7HTQrbq4fCEcf/6R5ji8+CrIyp+
31moHNYaxRWjvy3bU2ZhYFQ2E4fVXx2gbgiLnApxIoYFWzUL47V6IMi+
Vc58G+6ksPJj1wAnzU4anzdEcp8OgSl4G5eVaLWo2DcDedPXe5uK0cwfppM
bnQVkd+5If8jxQFFzAzVHXChsT7Y1j1vFEcjiWVj5zzldeRAzkSkkfefQ==
"
}
```

## **STEP 4 : DECRYPTION**

**Refer PageNo – 7**

**Decrypt Response: (Decrypt the Step 3 response)**

```
{  
  "GCMDecryptionResult": "{\\"ApplicableIntRates\\":\\"6.52\\",\\"TDS\\":\\"98.00\\",\\"InterestPaidtilldate\\":\\"141665.00\\",\\"NetPayable\\":\\"464872.00\\",\\"FCLRequestDate\\":\\"2024-04-18T18:13:49.3770529+05:30\\",\\"StatusMessage\\":\\"Success\\",\\"StatusCode\\":\\"200\\"}"  
}
```

**SendDiscrepancyLink**

This API is used to Trigger Link to the Investor for solving the Discrepancy marked against the Certificate.

**STEP 1 : Encryption**

**Refer Page no – 5 & 6**

**Sample Request:**

```
{  
  "BACode": "252630",  
  "Tokenkey": "W4EALSFLAFAPI",  
  "TransactionNo": "S2406100181"  
}
```

Parameter	Required	Description
BACode	Y	Vendor Code
Tokenkey	Y	Tokenkey for vendor which is shared in email
TransactionNo	Y	Transaction Id of the customer to send discrepancy link

**STEP 2: GENERATE TOKEN****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

**Method Info :**

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared

**STEP 3 : SendDiscrepancyLink****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/SendDiscrepancyLink>

**Method Info :**

Method Type	POST
Method Name	SendDiscrepancyLink

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Request:**

```
{
  "strdata" :
  "lu08xmI/0OmeD4eVwlRRjx0zJytN1Zyp0/YxnV9VrxWPDJ5LLXCIJ9YDdn
  LTb+KtjbWBMfRDAPGfWS2c+EkgUagtD9UYgKpA1TgY4k5d06OUm3kfU
  st3wSe3JqM="
}
```

**Sample Response:**

```
{
  "SendDiscrepancyLinkResult":
  "b3+PVHvMwwuYPGqEYXsuP0OiPHXNxazx/EpL2vId4XQN8WoOqr1cW0
xzEgDByfIINOjau01KhRZBm+zQUVwxjvTnXQl20m40e0913rVw/vMVA+cc
wcki9WXSU0UHx4Qvf8h8eVg7zaQuk0wSMwSMpZs1eBIjxnE62AAFK+PZ
hd3o="
}
```

**STEP 4 : DECRYPTION****Refer PageNo - 7****Decrypt Response:** (Decrypt the Step 3 response)

```
{
  "GCMDecryptionResult":
  "{\\"TransactionNo\\":\\"S2406100181\\",\\"Status\\":\\"Success\\",\\"Description\\":\\"S
MS triggered to the registered Mobile number\\"}"
}
```

Parameter	Description
TransactionNo	Transaction which passed in the request
Status	Success / Failure of the API
Description	Description for the success or failure responses

## **Occupation Master**

This API is used to Fetch the Occupation Master need to be passed in the InsertInward API.

**NOTE : Mandatory field from January 01, 2025.**

### **STEP 1 : Encryption**

**Refer Page no – 5 & 6**

#### **Plain Request:**

```
{  
  "Action": "OCC"  
}
```

Parameter	Required	Description
Action	Y	Must Pass “OCC”

### **STEP 2: GENERATE TOKEN**

#### **URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

#### **Method Info :**

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared

**STEP 3 : OccupationMaster****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/OccupationMaster>

**Method Info :**

Method Type	POST
Method Name	OccupationMaster

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Request:**

```
{
  "strdata" : "ohDIe0kJhvYvpGvOCsY0hGFjWAvkGTsEw39lJBScR9g="
}
```

**Sample Response:**

```
{
  "OccupationMasterResult": "tOIHbma78A2r6FLNinMIau3CaHNpRuyjDFb6vwqUC2C7KGOdoLQzK08fgZIRFTpdFMZD9HtPF76YXxAzxCwa8rZ+Em40hicbU4vW+usZOA3f7oWzrOefNYX318ikCYA2Q6TrBknnU4xGRp7C73ICs4vpERyeJThZ2ouugLDitRcSmZ7Estf9sZeLtwgpNZCy1OCdRD/TWwL1xNX4SRvm7+IkzFZsV5VU8BL9XR5r918UskEPcPxxynWnS/LWfhXMbHLC+9szvw1RyvwVLHh4oUhLxZDBroGVJWpAJC+5m/4+BQvrb1b4sHfyxDZwSBD"
```



yam+7KFOPI/FiFSqf10w7AZ5czCqidP8+5rEDwuBhYthXyrXuDPiFvITE2m8  
gMWgjrPBfQ+zd0PoqNU="  
}

## STEP 4 : DECRYPTION

**Refer PageNo - 7**

**Decrypt Response: (Decrypt the Step 3 response)**

```
{
  "GCMDecryptionResult": "[{\\"OccDescr\\":\\"Others\\"},{\\"OccDescr\\":\\"Doctor\\"},{\\"OccDescr\\":\\"Lawyer\\"},{\\"OccDescr\\":\\"Engineer\\"},{\\"OccDescr\\":\\"Self Employed\\"},{\\"OccDescr\\":\\"Retired\\"},{\\"OccDescr\\":\\"Housewife\\"},{\\"OccDescr\\":\\"Student\\"},{\\"OccDescr\\":\\"Private sector\\"},{\\"OccDescr\\":\\"Public sector\\"},{\\"OccDescr\\":\\"Government sector\\"}]"
}
```

## **Nature of Business Master**

This API is used to Fetch the Nature of Business Master need to be passed in the InsertInward API.

**NOTE : Mandatory field from January 01, 2025.**

## **STEP 1 : Encryption**

**Refer Page no – 5 & 6**

### **Plain Request:**

```
{  
  "Action": "NOB"  
}
```

Parameter	Required	Description
Action	Y	Must Pass “NOB”

## **STEP 2: GENERATE TOKEN**

### **URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

### **Method Info :**

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared

**STEP 3 : NatureofBusinessMaster****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/NatureofBusinessMaster>

**Method Info :**

Method Type	POST
Method Name	NatureofBusinessMaster

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Request:**

```
{
  "strdata" : "ohDIe0kJhvYvpGvPBsc0hIyoZ+BLg7GH4eHFkkJwupQ="
}
```

**Sample Response:**

```
{
  "NatureofBusinessMasterResult": "tOIHb2SswRq9xEatxSIucODUaUQuSK
OqDCO7kS+fDWWoaS3KlrI+OAIQj59fIHlmaTdi3m5uEO/LEzkhwBEa8/dxH
C80mTYXcYvW6vBUbE7288Cn7v9YCcb+jsHjCYUXcrLxC162GupwUJHW
7Q1NkIL0HhCZYMUF08aXirfDokYMx8fc3uTssIycnQpJPc+gmMqNVD/TW
wL1xNX4QBPsgbmKliNJ4UZbVc5/tFlcvtttRaRYXeX22yPWgCitQadPYdySS
v973PsiFzOvKLiQ2oUhP0RVLL8wTpTiE9m2t2T+6DM4/OQLip6K/gnXyDtT
xpiu47IIcOa2QPzEnAy3BZ4dQ3u8YTI/YLEDhaohZZ2DXuI+RXvBbcOC8E
```

```
PVUdi2QCR3ku9XzxU/7FwPhjt/XKwvoinEDLTyv8sQOOC71IOIZahjd0bWg
Q8I7/KL2vF4uvExhev3zGX3YvayIINWC7EU1OR6fSTujHL2jfGzonv1jU7ZJ
omMAoU2Y7pVUE="
}
```

## **STEP 4 : DECRYPTION**

**Refer PageNo – 7**

**Decrypt Response: (Decrypt the Step 3 response)**

```
{
  "GCMDecryptionResult": "[{"NatureOfBusinessDescr\\":\\"Manufacturing\\"}
, {"NatureOfBusinessDescr\\":\\"Professionals\\"}, {"NatureOfBusinessDescr\\":\\"
Service provider\\"}, {"NatureOfBusinessDescr\\":\\"Agriculture\\"}, {"NatureOfB
usinessDescr\\":\\"Trader\\"}, {"NatureOfBusinessDescr\\":\\"Jewellers/Bullion\\"},
 {"NatureOfBusinessDescr\\":\\"Real Estate\\"}, {"NatureOfBusinessDescr\\":\\"St
ock Broker\\"}, {"NatureOfBusinessDescr\\":\\"Others\\"}]"
}
```

## **Annual Income Master**

This API is used to Fetch the Annual Income Master need to be passed in the InsertInward API.

**NOTE : Mandatory field from January 01, 2025.**

### **STEP 1 : Encryption**

**Refer Page no – 5 & 6**

#### **Plain Request:**

```
{  
  "Action": "AInc"  
}
```

Parameter	Required	Description
Action	Y	Must Pass “AInc”

### **STEP 2: GENERATE TOKEN**

#### **URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

#### **Method Info :**

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared

**STEP 3 : AnnualIncomeMaster****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/AnnualIncomeMaster>

**Method Info :**

Method Type	POST
Method Name	AnnualIncomeMaster

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Request:**

```
{
  "strdata" : "ohDIe0kJhvYvpGvAAOt12zniJiB+58UR5vFkoTksJSWi"
}
```

**Sample Response:**

```
{
  "AnnualIncomeMasterResult": "tOIHYGu2wQm0wk6M3zwiWuDUEXJpAe
KNXm32/ByCWDLPjRjjUjPktc1tP4ooTG3l+Pstk/mVJlfnRHi5wiXc+4vt1WzV
EumRJN6LE8vFIIs0aE8Lp4sgbLM/52c6qPcEUaa/tBFeMB816TpfgqkQMscW
8SjiYaDMQgfuSw+CGnAUag8/ecgUL5cjZng1gIM/ri4OFBTrYRhTmiqua0Yhv
zjZ6aiTROsRlbaYBr4HIdmN0/FstyfvvtwW1Rc8jJFeEMX5/DANgrwLM8R1C
8arbp+K07KVldBp0XSIT5X4bnhUL07TVqjK0J8c7d1wTQxToAC1pIr+YRbu
```

HZz0f7EkN/00FLfiz90p3y+o/OEACohZZ2DXuI+QboC61LbuAIFAA32zHczg  
GAHDV88IkBymk2faKPf165HNPEGQ=="  
}

## **STEP 4 : DECRYPTION**

**Refer PageNo – 7**

**Decrypt Response: (Decrypt the Step 3 response)**

```
{  
  "GCMDecryptionResult": "[{\\"AnnualIncomeDescr\\":\\"Upto Rs 1 Lakh\\"},{\  
  \\"AnnualIncomeDescr\\":\\"Above Rs 1 Lakhs – 3 Lakhs\\"},{\\"AnnualIncomeDes  
  cr\\":\\"Above Rs 3 Lakhs – 6 Lakhs\\"},{\\"AnnualIncomeDescr\\":\\"Above Rs 6 L  
  akhs – 15 Lakhs\\"},{\\"AnnualIncomeDescr\\":\\"Above Rs 15 Lakhs – 30 Lakhs\  
  \"},{\\"AnnualIncomeDescr\\":\\"Above Rs 30 Lakhs\\"}]]"  
}
```

## **Source of Fund Master**

This API is used to Fetch the Source of Fund Master need to be passed in the InsertInward API.

**NOTE : Mandatory field from January 01, 2025.**

### **STEP 1 : Encryption**

**Refer Page no – 5 & 6**

#### **Plain Request:**

```
{  
  "Action": "SOF"  
}
```

Parameter	Required	Description
Action	Y	Must Pass “SOF”

### **STEP 2: GENERATE TOKEN**

#### **URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

#### **Method Info :**

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared



**STEP 3 : SourceofFundMaster****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/SourceofFundMaster>

**Method Info :**

Method Type	POST
Method Name	SourceofFundMaster

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Request:**

```
{
  "strdata" : "ohDIe0kJhvYvpGvSBsM0hHVuejH2aB12vXH+9pqexRk="
}
```

**Sample Response:**

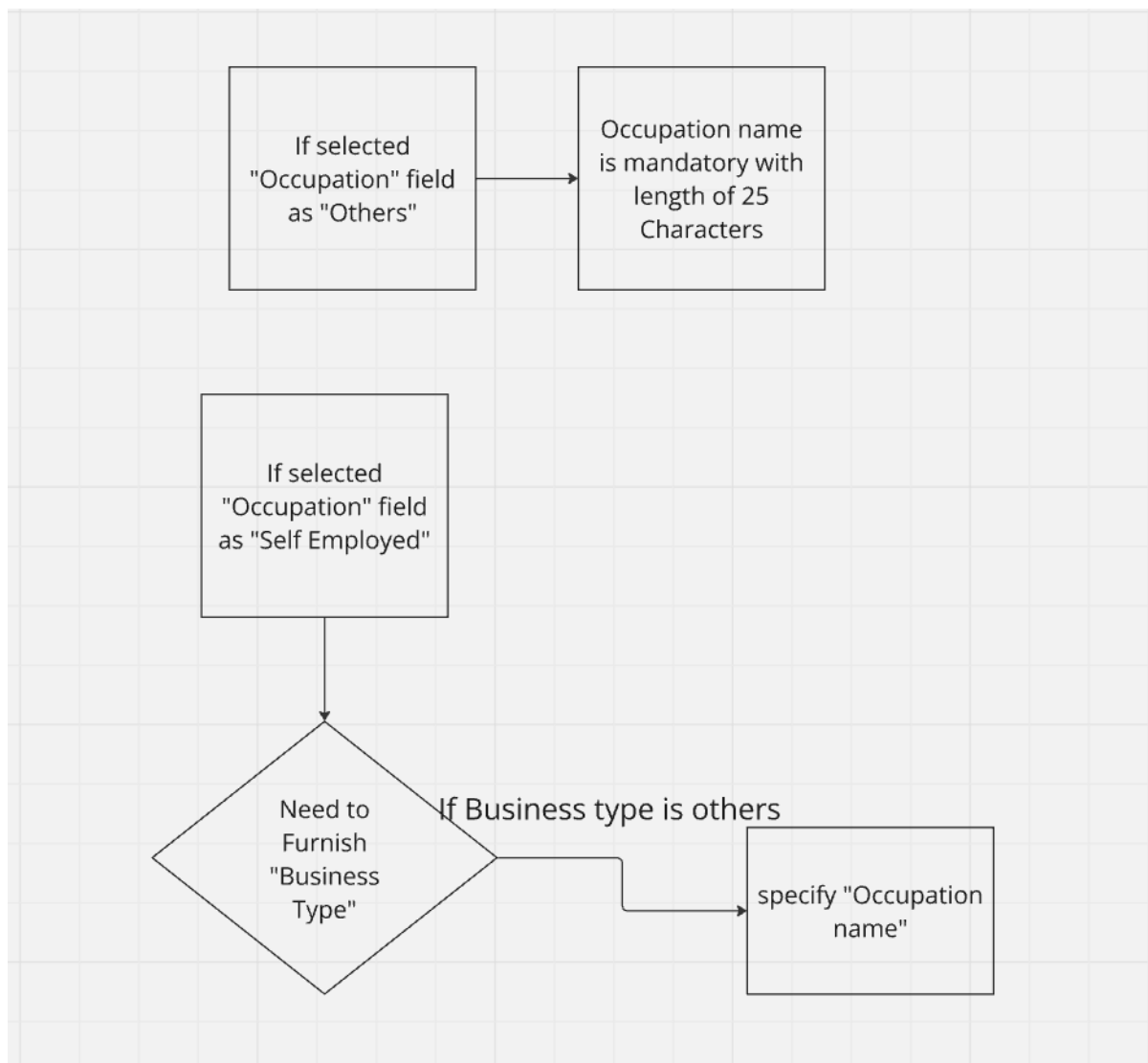
```
{
  "SourceofFundMasterResult": "tOIHcmqtxgu95EapxT8jWuDUEXJpAeKLT3X4rieUHCPrd3XExog/KIIOxosbKG18E+Fi4mteR6aAPykh2jsa8+cjd3t1pikdNZOJ4rtobVro44e1pMIPKcPOnsDlNMfvJYD/F1KmHMJhVoDB7xUS75ykOxaPdSYQzs+nlr3ClAECiM7cqqrRq4icoRhmLdK91uaQRBTbTUP6ypT4UhvrmmalTF65k0dbId39WUf8IxMQYdbP//jkgzAgD6dBqkAaNz7B9573vooA1en aqfM8Zc2OBQKQZYGU4L5Dp64mUWO2OR+0sgru8csDhGUJj8="
}
```

## STEP 4 : DECRYPTION

Refer PageNo - 7

**Decrypt Response:** (Decrypt the Step 3 response)

```
{  
  "GCMDecryptionResult": "[{\\"SourceofFundDescr\\":\\"Salaried \\"},{\\"Source  
ofFundDescr\\":\\"Business Income\\"},{\\"SourceofFundDescr\\":\\"Agriculture \\"},  
{\\"SourceofFundDescr\\":\\"Investment Income\\"},{\\"SourceofFundDescr\\":\\"Sal  
e of Asset\\"},{\\"SourceofFundDescr\\":\\"Others\\"}]"  
}
```



## **PANRapidFetch**

This API is used to check whether the Investor is the existing customer of the SFL and KYC will be auto-populated in CORE system

### **STEP 1 : Encryption**

**Refer Page no – 5 & 6**

#### **Plain Request:**

```
{  
  "strAction": "PF",  
  "PAN": "XXXXXXXXXX",  
  "MobileNo": "XXXXXXXXXXXX",  
  "Company": "SFL"  
}
```

#### **Sample Request:**

```
{  
  "strdata":  
  "pZKbsV57Hnx3LVYGKt2TGh8OjrZ9cXGq1GHEBAYgdi6svz2j2cp+roltmo77/IXO5/1E  
BQ5/VTy+iDAJQnTbLxl+EMFfAL85jHAznksVVoYD5VxRHnVNSWYtiyKXXO01UNo  
sZdGoKlHMZy2+b+7O5BZlIgMqW/FxKFdBg"  
}
```

#### **REQUEST INFO:**

Parameters	Required or Allow null	Description
strAction	Required	Must pass value like “PF”
PAN	Required	Mandatory Field. It should not be empty
Company	Not Required	Must pass value “SFL”
MobileNo	Required	Mandatory Field. It should not be empty

**STEP 2: GENERATE TOKEN****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

**Method Info :**

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared

**STEP 3 : PANRapidFetch****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/PANRapidFetch>

**Method Info :**

Method Type	POST
Method Name	PANRapidFetch

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Response:**

```
{
  "PANRapidFetchResult":
    "1X4Ds11Orvzbnon7r4FsoIUEzjN5kJvcu2NnCcVST5HtrENok61AONhzkeIcYWY6HiZbkZZX
    IHO5bV/AgxAdIg5alps03+NrI2IFGzBTnz2eWKK8wawqHHalHjRx+mr79K8MB8Tf/en9adM6t
    TA+nQ0UN8m3pCzvjtCO0ygEE9Sem5BBFKMnagD1IDfs5C3P/rwDp2GPU/JORg7DAKR1G
    K6yj8g11VyZaXkNsMgla9wy0Q9/nW41PDpgXpPs+vKueQd3GDgLmGkWfaogyGWbVfamD
    5AEdgoUspYYK7mZF6Bsk3r2IZhTqqBlQhtXftxodsU1rNJ7DIkfGu2Wz+KxKryNNvfjE2d8b
    ACzlt0law=="
}
```

**STEP 4 : DECRYPTION****Refer PageNo - 7****Decrypt Response: (Decrypt the Step 3 response)**

```
{
  "GCMDecryptionResult": "{ \"StrCustcode\": \"P***0809\", \"StrCustomerName\": \"P***0809-
  M*****A\", \"StrMaskedCustPAN\": \"AD*****2M\", \"StrMobileNo\": \"80***
  ***19\", \"StrEmailid\": \"in*****at@shriramvalue.in\", \"strPanRapidTranid\": \"ALXX4WMXXI
  \", \"StrErrorCode\": \"200\", \"StrErrorMsg\": \"SUCCESS\" }"
}
```

**RESPONSE INFO:**

Parameters	Description
StrCustcode	Unique Customer code generated Masked
StrCustomerName	Customer FullName Masked
StrMaskedCustPAN	Customer PANNo Masked
StrMobileNo	Customer Mobile No. Masked
StrEmailid	Customer Mail Id Masked
strPanRapidTranid	Pan Rapid Reference Number Need to pass this value along with Masked StrCustcode in InsertInward API(Parameter57) Example -- <a href="#">AARHPGXUZI-****0264</a>

## **E-KYC Get-OTP**

### **STEP 1 : Encryption**

**Refer Page no – 5 & 6**

#### **Plain Request:**

```
{  
  "Module": "FD",  
  "AgentCode": "TEST12345",  
  "VerificationType": "GetOTP",  
  "PAN": "",  
  "AadharOrVID": 769085249519,  
  "IsAadhar": "Y",  
  "Company": "SFL",  
  "RequestFrom": "{tokenkey}",  
  "ApplnSource": "Mobile",  
  "RefNo": "7AA4FA99-0690"  
}
```

#### **Sample Request:**

```
{  
  "strdata":  
  "nW8xzBJZ7KqFsum66+2qcl8GSh3S+XG/IMYZEk1rtnOr6CLqzBu0RntSOl8  
ABr5JbChAfMe7vno7MgXzFC2IvF8vaRv0ZlEotbnPsPVPNsofvKOvLIpME+t  
lcntU4zSt+mAbEyPPopzI92IUxYVP3v0+Vw8p/KcnBk+z6WZEmYQxZg95av  
hfOHvEL8N/P+MjY4OFi1w54IGLm/gD+JOwMlofpdk+CfNK2lG0JrDWUdf  
U7COi90DCgjEIQtPXkcuPEizVaXBWnr+IqaJAJ8tb4EnGmn+ok3uEwOJhb1  
+zlrqNULCwKHVQhlnE7k7GoCjzrjGl"  
}
```

Parameters	Sample Value	Description	Required
Module	FD	Investment Type	Yes
AgentCode	Test12345	BA Code	Yes
VerificationType	GetOTP	Endpoint Name	Yes
PAN	BBCPT8499P	Customer PAN	No
AadharOrVID	123456789456	Need to pass either AADHAAR number or VID based on UI Selection	Yes
IsAadhar	Y	If Aadhaar number is passed in the above key then pass “Y” else “N”	Yes
Company	SFL	Default Value	Yes
RequestFrom	ABCD1234	Token Key from the Email shared	Yes
ApplnSource	API	Application like “Mobile”, “CAMEO”, “Website”	Yes
RefNo	7AA4FA99-0690	Need to pass GUID from your end	Yes

## STEP 2: GENERATE TOKEN

### URL:

<https://uatinvsl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

### Method Info :

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared

**STEP 2 : E-KYC Get-OTP****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/EKYCGetOtp>

**Method Info :**

Method Type	POST
Method Name	EKYCGetOtp

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Response:**

```
{
  "EKYCGetOtpResult":
  "I94juQs7ypqtfbbpIjOsMg3UIHVxWWh/ckNXMU7stRd+aIJAwZXNw9j/2Nq
  9foLoypQfjhlX9h3/OrxsWz3Y/ebvSUofLuGMCsRQ"
}
```

**STEP 4 : DECRYPTION**

**Refer PageNo - 7**

**Decrypt Response: (Decrypt the Step 3 response)**

```
{"Status":"Y","TxnTime":"20-04-2024 18:16:28","Message":""}
```



## **E-KYC Verify-OTP**

### **STEP 1 : Encryption**

**Refer Page no – 5 & 6**

#### **Sample Request:**

```
{  
  "OTP": "123456",  
  "TxnTime": "2023-12-06T16:14:19",  
  "VerificationType": "VerifyAadhaar",  
  "AadharOrVID": "123456789456",  
  "IsAadhar": "Y",  
  "Company": "SFL",  
  "RequestFrom ": "{tokenkey}",  
  "ApplnSource": "Mobile",  
  "RefNo" : "7AA4FA99-0690S"S  
}
```

#### **Sample Request:**

```
{  
  "strdata":  
  "nW8z9yYOuu2Ru/rIlv2kfDw1Vx3y03O+Z94BAjkcwRPO11uerxunU2M3ahd  
aUvUGLwpMYcCJrmk/ZFa+PRyFg25dcRWAU2IP8fqs18RpB/1Uqbe8P8kEW  
ct2WWFj2D/9lgtqByHMoJTO+2xTyozaxelbBgc72a4iHAz76QVE7IReKyFm  
ZuZHdDjERqdgW4MjHcSmm0g/8bSNsudOr5PDJl0Rr9YzB/w33UW8VNXW  
PIXl8D2d9mbflCZJHdOg3PujFTCUCTtqkPvq5NIfY7IA+kTRm36nnXuGzeJh  
bUn2g5cWUOStIKqbJwePrj+t4g=="  
}
```

Parameters	Sample Value	Description	Required
OTP	123456	Customer Entered OTP (OTP from the above API)	Yes
TxnTime	2023-12-06T16:14:19	Kindly pass the exact txntime which received from GetOTP previous API.	Yes
VerificationType	VerifyAadhaar	Method Name	Yes
AadharOrVID	123456789456	Need to pass either AADHAAR number or VID based on UI Selection	Yes
IsAadhar	Y	If Aadhaar number is passed in the above key then pass "Y" else "N"	Yes
Company	SFL	Default Value	Yes
RefNo	7AA4FA99-0690	Need to pass GUID from your end(Should be same as that of the above API)	Yes
ApplnSource	API	Application like API	Yes

## STEP 2: GENERATE TOKEN

### URL:

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

### Method Info :

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared

**STEP 3 : E-KYC Verify-OTP****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/EKYCVerifyOtp>

**Method Info :**

Method Type	POST
Method Name	EKYCVerifyOtp

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Response:**

```
{
  "EKYCVerifyOtpResult": "
I94zgkh1na2gCLTxIEzmBwfbtn1yXWhpcjIIdhW191xxY5Bdnsiekc/pyazQEI
Kfjddewk4L+RXtKPG7zWKbMO4HN5xyt4K9yogHWBU+DdRiXKqk14y4gl
NmXp4EBIqjjVBQJhveKDX36PmAkmiMaXjf/+hAWJJK9GsfUhPTiyxUm
W0KJzQlgRXJ4e8jBR3+SYK9vP2qqCtjU4nxUo1VVQKKR1YCqzUJX+kB3
TU9l83bTRyp2pyh9VUAOb7lZ7lS/XSI52RbYkG9bPz/AqM5aAnzCzNxYk8
D/8W7Gmnwwf0SXQ5xWVVBVL7RHXXHV7ks6mtjBbFmnBu7YXc7fXDR
4i6wU05SVaQMZ+jsDw590bqAShYlsOnvQl9KIbjHgT1B8zARhLt/yeKxUu6
wlvnCKwiarJ8+xQAdi4AyXULwfUrQSa1k0PMuQeZM3uqe8y3/r/gPY0l5fbG
xbFVesCwM3a0mFG7+OCWDHSXyghmxuaZIifCRqy06Che1jx19bbKyALjt6
QZONPt3HDkGcgQr
"
}
```

## STEP 4 : DECRYPTION

Refer PageNo - 7

**Decrypt Response:** (Decrypt the Step 3 response)

```
{
  "GCMDecryptionResult": "{\\"CO\\":\\"D/O A
Sharavana\\",\\"Country\\":\\"India\\",\\"DOB\\":\\"02-09-
2000\\",\\"District\\":\\"Chittoor\\",\\"Gender\\":\\"F\\",\\"House\\":\\"16-
541\\",\\"Landmark\\":\\"\\",\\"Locality\\":\\"Panagal\\",\\"Name\\":\\"ADFD FRKADU
RUCHI FDFGFGFTHA\\",\\"PDFBase64\\":null,\\"PhotoBase64\\":null,\\"Pincode\\"
:\\\"517640\\",\\"State\\":\\"Andhra Pradesh\\",\\"Street\\":\\"S R N
St\\",\\"VTC\\":\\"Srikalahasti\\",\\"Status\\":\\"Y\\",\\"Time\\":\\"UKC:2025-04-
03T20:34:21\\"}"
}
```

## **DIGILOCKER:**

### **→ LinkGeneration:**

This API assists in Generating Link for providing access to retrieve the KYC docs and necessary information from the Digilocker.

## **STEP 1 : Encryption**

**Refer Page no – 5 & 6**

### **Plain Request:**

```
{
  "redirectUrl": "https://uatsecure.shriramfinance.in",
  "oAuthState": "001",
  "consent": "Y",
  "UserId": "SFL1002",
  "BranchCode": "AHM",
  "Source": " CAMEO",
  "Pan": "ABCPR9781R",
  "RequestFrom": "{TokenKey}",
  "Guid ": "7AA4FA99-0690-4656-997C-F10A05A3FE9A"
}
```

### **Sample Request:**

```
{
  "strdata":
  "nW8OxhJF8qrE/J6Ow+28cnYVWwPVgDH0MpNUHm5Bm1mSwFjM8CK0
  RntrHlgdCIRebChMMZPN9zpvMhPzMceSgG4RPxXsFEIEu6G4hcVzL/wEsb
  nNOORRAZo2ND8X0wm+wko3cnae8YbE4RgssJJUy5h9ADQ52OR5TG2Ah
  hkp4oo/ED53acFadDjERtAeSps0eZbv1w9gp6CarP8J5sXMYnxEydtYd4w9pF
  HCP8CyObTF1XHiu1TYnidJHdPa8tj+PxSPHDQIw6SUpSQTdLMZ+0rT7mb
  WIX7zxeAZaS3OmMAYD1TKiNTilYQuwlZ5wbt7Gnk="
}
```

Parameters	Sample Value	Description	Required
redirectUrl	https://www.abc.com	Callback URL need to be shared of partner	Yes
oAuthState	001	Default Value-001	Yes
consent	Y	Default Value-Y	Yes
UserId	Debmum111	Need to pass the Business Partner code i.e Vendorcode	Yes
BranchCode	API	Default Value -API	Yes
Source	OnlinePartner	Default Value-OnlinePartner	Yes
Pan	ABCPR9781R	Customer Pan Number	Yes
RequestFrom	TokenKey	Token Key from the Email shared	Yes
GUID	7AA4FA99-0690-4656-997C-F10A05A3FE9A	Need to pass GUID from your end	Yes

## STEP 2: GENERATE TOKEN

### URL:

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

### Method Info :

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared

**STEP 3 : Link Generation****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/DigiLinkGen>

**Method Info :**

Method Type	POST
Method Name	DigiLinkGen

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Response:**

```
{
  "DigiLinkGenResult":
  "I94CqBs62pr7DvCSOj3rXkPe+C19BGdxZBAGLk/4vRF+O4QklYHDxIv92t
qmM5aQytZOW1xAsVSodLW72zv9NfQdLter4cjznLscC05lA8t5UOLv94Cih1
p4E8dNJQqhyHdJfQHVIJX+gu6PEXHPskIGJ27sBDdBK83RvB0aEGGvCT2
OmNJRKnEMyca6th0hz9y5N/LLUoqim2yts4CU0TiNqOw4/CtCkV0WAQTG
Ew3gFcCBzq2Eu0ZsGOZWKKem+PaisD62qTsEj8eS/0DXvxOQi4wKb38Y1F
6p/72212FafL2gA5248BlbIJzncDmDVvPCN0xnaplUvs5LSscuMZKG//nZRX
m7BMYrEnQsRikrzNwhRte2g2moZIo3lIjnQBsHzUTbR50DJvRia+naTcv1w
Y7NPxg8uAC0knVQ1yYQlYgW1l2bJjmbL1+lVMCIpMrXP4Uu+fPdwIAM
Ydu0NwuEkCbD2/zPbHeG6QBYzKvuLnSZPaq6tCJA0nV98ojl/RLVjNMnP+
ziv1mzYeBv0PgIEAkOCU9GKBw7nKDNPy4PIVZwK1Mh9Msn99o8Oex+4n
8pbIrU7aFTjPiM6NQm5BHmx5Z4oz0gbRFxEhab3eesMrx8WcmJkC/Ry/BK2
OXTzYPRZ6tKIWCNf/T8Tj3iglgTWIJB8RQCjOxbvXy/yc9l1m/cofdWRM8L
EHsGWvMgb7QFBgzcOWY24mDtBGSmA4aPBa61KDV6s6kxPREg93jNWlc
0ZzdjuCycMUaRTjc+zltHBOO0jhgnV1mrBGPx0F6ImZrnT7gx08DrFccY="
```

}

## **STEP 4 : DECRYPTION**

**Refer PageNo - 7**

**Decrypt Response: (Decrypt the Step 3 response)**

```
{\"requestId\": \"e86d81a8-44aa-4984-b60e-44f8129a65e1\", \"result\": {\"link\": \"https://api.digitallocker.gov.in/public/oauth2/1/authorize?response_type=code&client_id=JZ352A2C49&redirect_uri=https%3A%2F%2Fapi-in-uat.perfios.com%2Fkyc%2Fapi%2Fv1%2Fdigilocker%2Fget-token&state=eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJleHAiOiJlNDA5ODA2NTUsInJlcXVlc3RlZCI6ImU4NmQ4MWE4LTQ0YWEtNDk4NC1iNjBILTQ0ZjgxMjlnNjVIMSJ9.D3MXG0WvZlujfGg6gfYUXqeAm9Tklfk6rU5dXZpFC_Q&code_challenge=OWI2YzUwYmUyNWY2NmVmZDc5OTUwMjZkYmYxMjY5NjcxOTk2YjU2NGI3ZWZmZjJhOWIzZDZmMTczZjQwYTcxZQ&code_challenge_method=S256\"}, \"statusCode\": 101 }
```

- ➔ **Kindly use the above Link in the Decrypt Response to open the Digilocker Site for allowing the List of Documents to be used for KYC verification(Kindly choose only Aadhaar Card)**
- ➔ **Proceed for the below DigiGetDoc API, only after the above process is completed.**



## ➔ **GetDocuments:**

This API assists in retrieving the KYC from the Digilocker post clicking on Retrieve button

### **STEP 1 : Encryption**

**Refer Page no – 5 & 6**

#### **Plain Request:**

```
{
  "accessRequestId": "e5cd8026-3147-43f2-90bf- eb781be91c65",
  "consent": "Y",
  "Pan": "ABCPR9781R",
  "RequestFrom": "{TokenKey}"
}
```

#### **Sample Request:**

```
{
  "strdata":
  "nW8dwBVJ87z17bqJyrzyGXpDFVGQiyuJoUQBiQXwAfKiEKfp367Cz88a
  ABYU7ZJOD9IdcjX9298PB2yPCaPlmULaQ30bzJKtdefl85IArocqivTJtUBJ
  wzLioXvVmNyVgqVGqO0taRrnte3/IOp/NWQg9j+4ICPmfjtg97rtGG8kYry3H
  Vvr5oanE="
}
```

Parameters	Sample Value	Description	Required
accessRequestId	e86d81a8-44aa	This Id should be the value from the requestId from the above DigiLinkGen API response	Yes
consent	Y	Default Value -Y	Yes
PAN	ABCPR9781R	Customer PAN	Yes
RequestFrom	TokenKey	Token Key from the Email shared	Yes

**STEP 2: GENERATE TOKEN****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/GetEncryptedToken/{tokenkey}>

**Method Info :**

Method Type	GET
Method Name	GetEncryptedToken
Token Key	Refer to the Email Shared

**STEP 3 : Get Documents****URL:**

<https://uatinvsfl.stfc.me/SFLUATAPIExternalService/APIExternalService.svc/DigiGetDoc>

**Method Info :**

Method Type	POST
Method Name	DigiGetDoc

**Headers:**

Key	Value	Description
IncomingAuthReq	Pass the Value from Step - 2	Get the encrypted key from Step 2 and pass here (Generate new Key Every 10 mins.)

**Sample Response:**

```
{
  "DigiLinkGenResult":
  "I94CqBs62pr7DvCSOj3rXkPe+C19BGdxZBAGLk/4vRF+O4QklYHDxIv92t
qmM5aQytZOw1xAsVSodLW72zv9NfQdLter4cjznLscC05lA8t5UOLv94Cih1
p4E8dNJQqhyHdJfQHJVJX+gu6PExHPSKiGJ27sBDdBK83RVB0aEGGvCT2
OmNJrKnEMyca6th0hz9y5N/LLUoqim2yts4CU0TiNqOw4/CtCkV0WAQTG
Ew3gFcCBzq2Eu0ZsGOZWKkem+PaisD62qTsEj8eS/0DXvxoQi4wKb38Y1F
6p/72212FafL2gA5248BlbIJzncDmDVvPCN0xnaplUvs5LSscuMZKG//nZRX
m7BMYrEnQsRikrzNwhRte2g2moZIo31IjnQBsHzUTbR50DJvRia+naTcv1w
Y7NPxg8uAC0knVQ1yYQlYgW1l2bJjjmBL1+lVMCIpMrXP4Uu+fPdwIAm
Ydu0NwuEkCbD2/zPbHeG6QBYzKvuLnSZPaq6tCJA0nV98ojl/RLVjNMnP+
ziv1mzYeBv0PglEaKOCU9GKBw7nKDNPy4PIVZwK1Mh9Msn99o8Oex+4n
8pbIrU7aFTjPiM6NQm5BHmx5Z4oz0gbRFxEhab3eesMrx8WcmJkC/Ry/BK2
OXTzYPRZ6tKIWCNf/T8Tj3iglgTWIJB8RQCjOxbvXy/yc911m/cofdWRM8L
EHsGWvMgb7QFBgzcOWY24mDtBGSmA4aPBa61KDV6s6kxPREg93jNWlc
0ZzdjuCycMUaRTjc+zltHBOO0jhgnV1mrBGPx0F6ImZrnT7gx08DrFccY="
}
```

**STEP 4 : DECRYPTION****Refer PageNo - 7****Decrypt Response: (Decrypt the Step 3 response)**

```
{
  "GCMDecryptionResult": "{ \"CareOf\": \"D/O A
Sharavana\", \"Country\": \"India\", \"DOB\": \"2000-09-
02\", \"District\": \"Chittoor\", \"Gender\": \"FEMALE\", \"House\": \"16-
541\", \"Landmark\": \"\", \"Locality\": \"S R N St\", \"Name\": \"ARKADFDU
RUCHITHA\", \"DocId\": \"xxxxxxxx5776\", \"DocType\": \"JPEG\", \"Pin\": \"51
4640\", \"State\": \"Andhra
Pradesh\", \"Location\": \"Panagal\", \"VTC\": \"Srikalahasti\" }"
}
```