**Prerequisites for STP Upload Integration**

1. DSC certificate for signing
2. File-signing utility (should be able to generate signature file in pkcs7 format)
3. File to be passed through upload services (for calling upload services only)

Eg:-

* 1. FVU file for contribution
  2. Caret separated text file for Subscriber Registration, MIS
  3. XML in case of subscriber modification, Subscriber Shifting

**Steps to Call Service**

*For Upload Services Approach 1*

1. User ID which is invoking web service need to be signed using file signing utility using DSC Certificate in case of all features called through web services
2. Step 1 will generate a pkcs7 format signature. This file need to be saved with .sig extension
3. File in step 2 along with original file in step 1 to be saved in a zip file
4. Zip file generated in step 3 to be passed using web service client to STP Upload service

*For Upload Services Approach 2*

1. .FVU file to be signed using file signing utility using DSC Certificate in case of all features called through web services
2. Step 1 will generate a pkcs7 format signature. This file need to be saved with .sig extension
3. .FVU File in step 2 along with signed file in step 1 to be saved in a zip file
4. Zip file generated in step 3 to be passed using

*For Download and Request Status View Services*

1. In case of Request Status view and download services only user ID and DSC certificate to be passed to signing utility
2. Step 1 will generate a pkcs7 format signature. This file need to be saved with .sig extension
3. Call STP service using web services client and pass the sig file with the service call

Refer to STP Integration document for detailed specification of services

**Certificate can be used in any format as supported by file signing utility used. Only ensure that PKCS7 format signature generation is supported by the file signing utility. This signature file needs to be saved with .sig extension.**