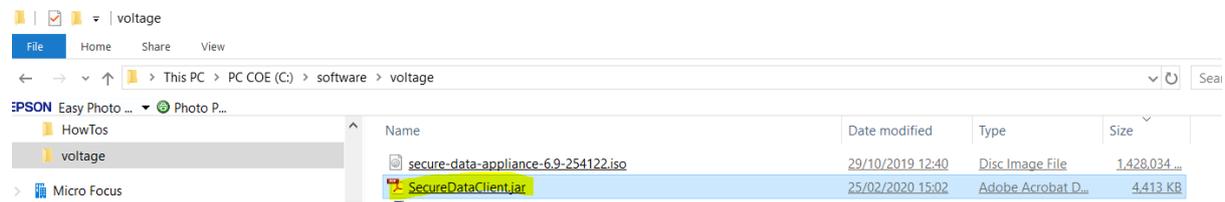


The Voltage Test Form

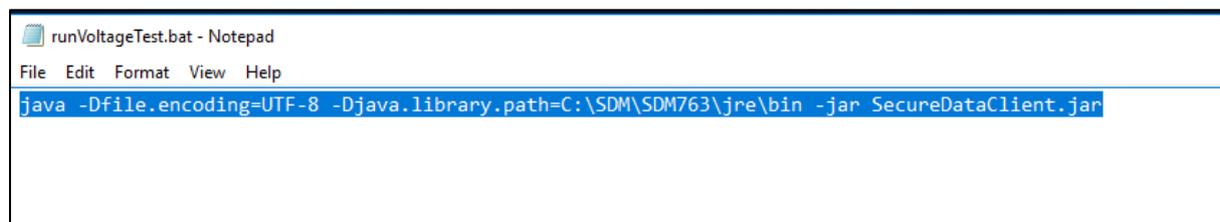
The voltage Test Form comes from the voltage team. It is a standalone windows GUI which is available to check on the SDM Server if you can connect to and run against Voltage. Ask the Voltage team for the following jar file: SecureDataClient.jar



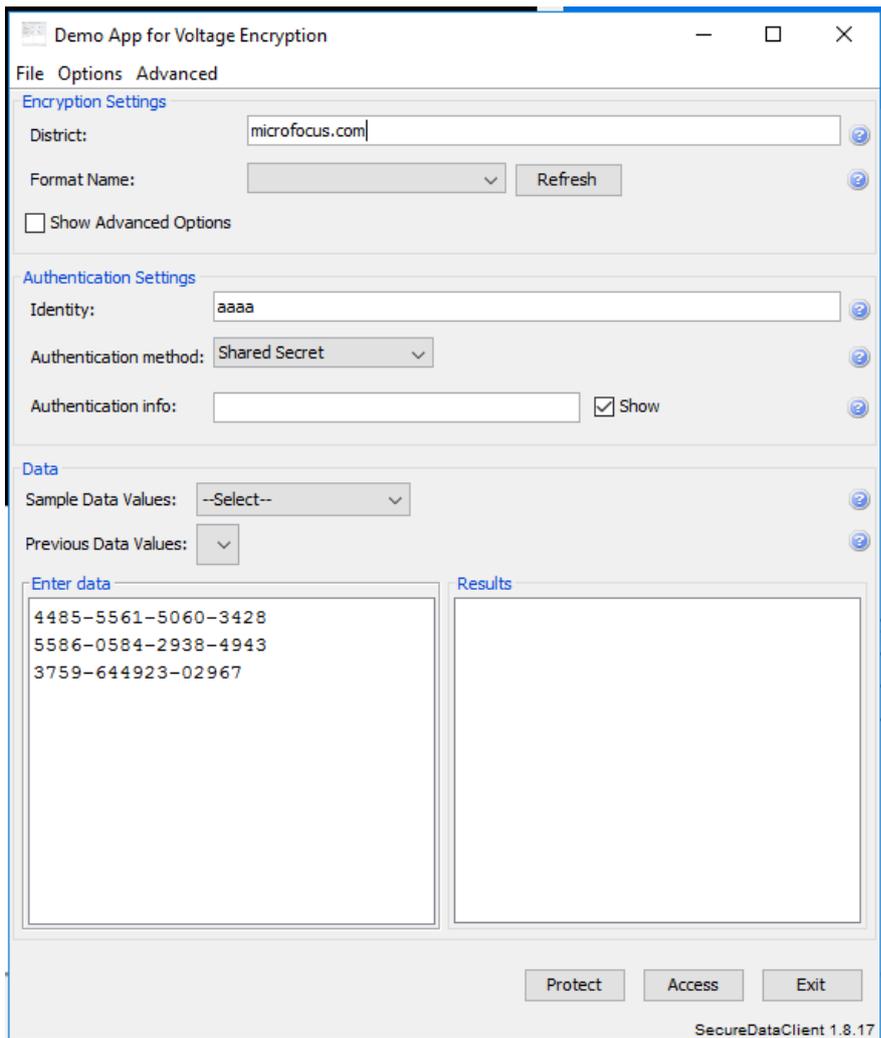
Put the jar file on the SDM server in any location – I chose C:\voltage. Create a bat file to run the jar file: runVoltageTest.bat. The contents of this bat file is one line:

```
java -Dfile.encoding=UTF-8 -Djava.library.path=C:\SDM\SDM763\jre\bin -jar SecureDataClient.jar
```

Here the java engine being used is the SDM installation



Note that java will need to be in your windows path. Run the bat file. The following form will pop up. Use this to test the client connection to the Voltage Server. Use the settings as below. Remember the microfocus.com **District was the one setup by the voltage installation admin**– ask the voltage guy what this should be

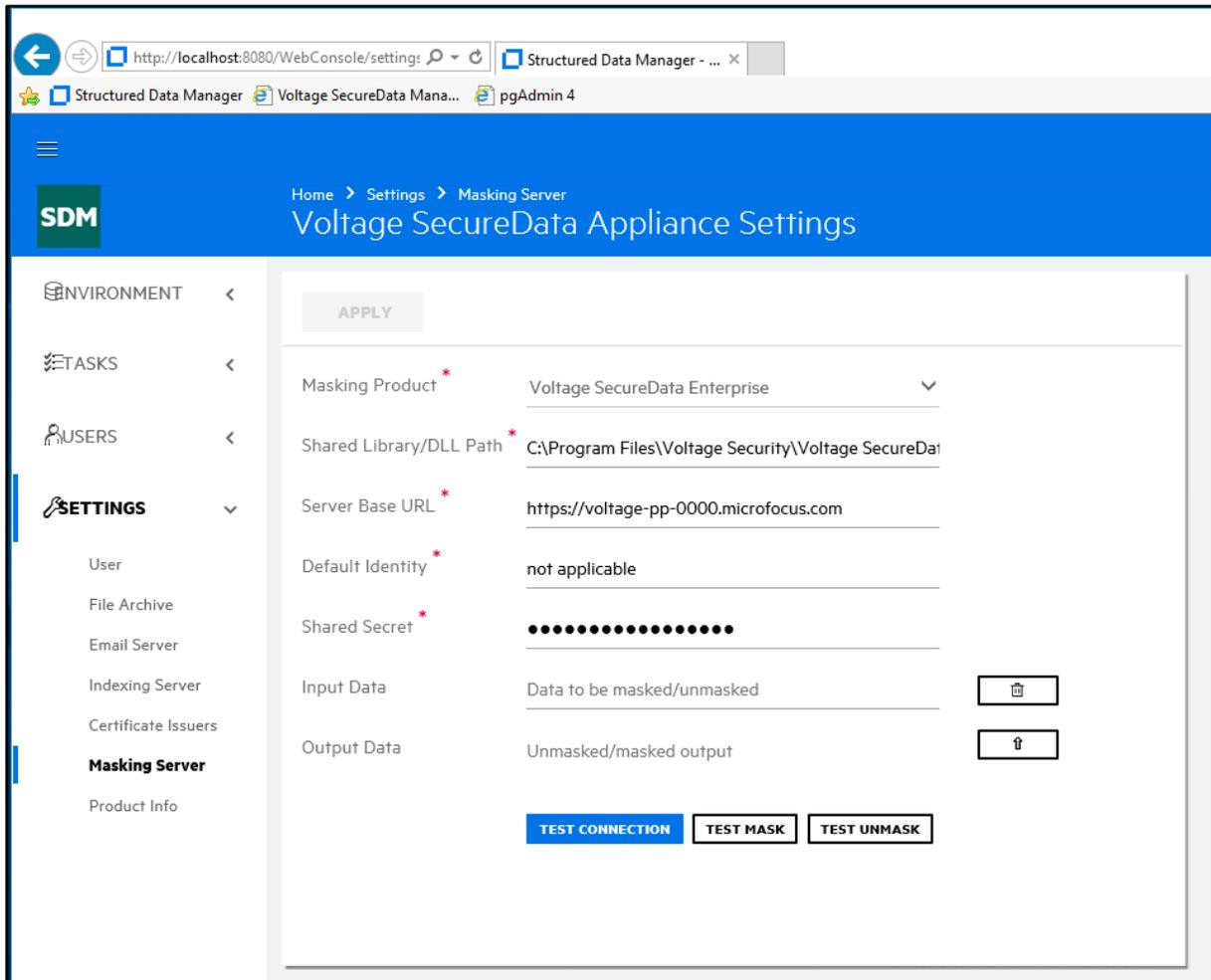


SDM Form Entry Settings:

1. Open SDM Browser
2. Navigate to the Masking Server tab on the left-hand-side

Values:

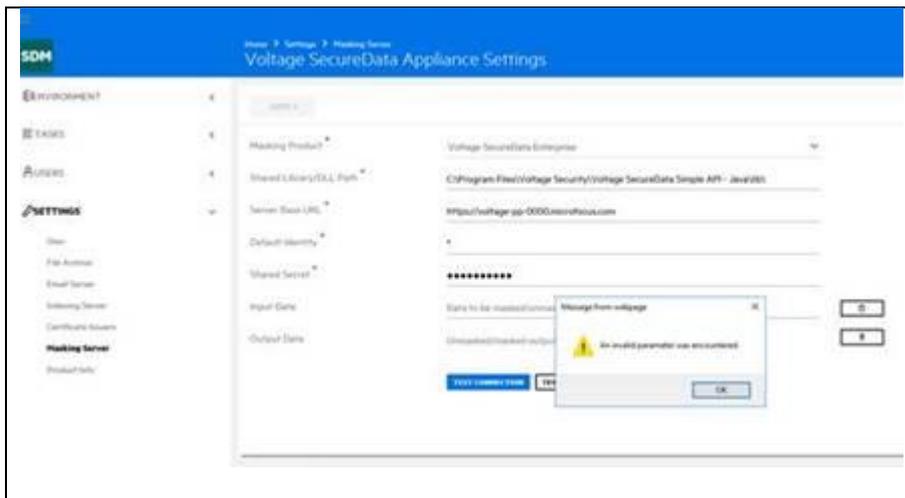
- Masking Product: Voltage SecureData Enterprise (default)
 - Shared Library/DLL Path: C:\Program Files\Voltage Security\Voltage SecureData Simple API - Java\lib\ (default)
 - Server Base URL: This is the Voltage Server location. I created my voltage as per: <https://voltage-pp-0000.microfocus.com>
 - Default identity: This can have any value here as it is not applicable
 - Shared Secret: Voltage created a shared secret login for us. The default is 'voltage123'
3. Press the Test Connection button. Only if you are successful will the apply button become available.



I found that the test connection button worked but the test mask and test unmask did not but it did not matter.

Troubleshooting

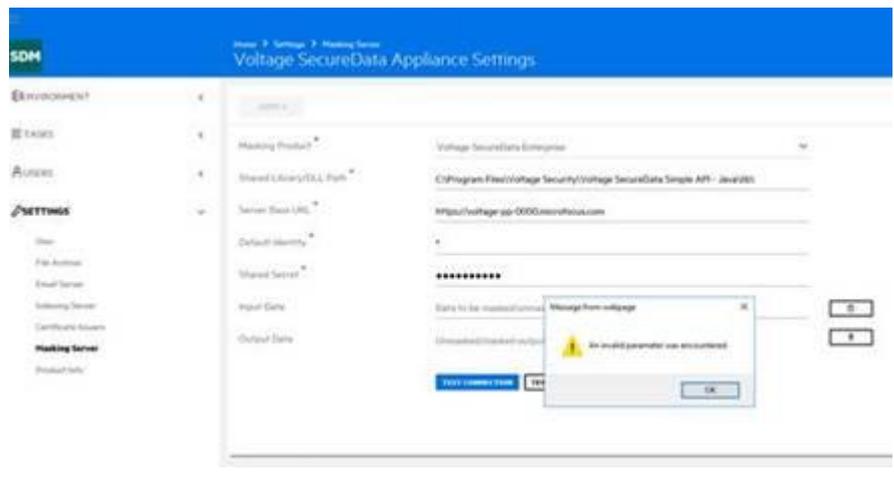
Error	Comment
On testing the connection in SDM, the following error appeared: The certificate required to complete the requested network operation could not be verified	The Root Certificate is not properly setup in windows. I resolved this by making sure the ending of the file was .cer (mine was root-voltage.pem.txt) After changing it to root-voltage.cer, I could right-click on it and use the install certificate option on the mouse menu pop-up. Put the



certificate as a server certificate and in the root certificates folder

We have the following error on-screen and in the obt.log:

```
2020-02-25 15:41:46,434      : ERROR : http-nio-8080-exec-8 :
root : VE_ERROR_INVALID_ARG - An invalid parameter was
encountered.
```



This error was caused by using the wrong SimpleAPI version between SDM and Voltage. This was corrected by making sure SDM 7.63 uses the 5.2 Voltage version (correct as per 26/2/2020) I understand that the version of the simpleAPI must be 6.0 to support Unicode asap but not sure then that will be available.