Tafadzwa Chimberengwa

Afrosoft Holdings Limited |

Project Details

Afrosoft projects

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Projects Detail

# Payment Gateway Website and Web Service

Payment gateway wcf service integrating with Iveri Enterprise API

## TFS Hosting

192.168.10.11/Web Services\PaymentGateway\PaymentGatewayService

## Local IIS Hosting

<http://192.168.10.100:15001>

## IVeri Enterprise API Application Details

User Group Number: 614807

Live Application ID: c985bfa0-4d24-46a1-8f39-4b24ed0db774 (not yet working)

Test Application ID: ec530efc-12e2-4a82-bb09-639a6fce744c (working)

Product: Enterprise

Technical Email Address: richardm@afrosoft.co.zw

**Application Description:**

Afrosoft Holdings ENTERPRISE

**Certificates for Live Application ID:**

df09b961-8d62-4fde-a83c-855f933f5bcd (not yet working)

a2120034-9ce1-467e-82e5-e42d349f61d5 (working)

**Certificates for Test Application ID:**

df09b961-8d62-4fde-a83c-855f933f5bcd (working)

a2120034-9ce1-467e-82e5-e42d349f61d5 (working)

## Test Cards

MasterCard number :  5321 6200 6280 0400

Expiration Date :                     10/16

CVV :                                      530

### Other

PAN : 4242424242424242 CVV: 123

PAN : 4000000000000002 CVV: 123

### Resourceful Links

<http://forum.iveri.com/viewtopic.php?f=5&t=10>

### Issues

1. Rebuild solution might delete iVeri.Client.dll. To solve this read it from [\\AFROSOFT02\Data Center\tafadzwac\documents\projects\iveri\iVeriClient.Net.402](file:///%5C%5CAFROSOFT02%5CData%20Center%5Ctafadzwac%5Cdocuments%5Cprojects%5Civeri%5CiVeriClient.Net.402)
2. In the event that the service does not run as expected with the issue resting on missing iVeriClient.config. This file should be obtained from [\\AFROSOFT02\Data Center\tafadzwac\documents\projects\iveri\iVeriClient.Net.402](file:///%5C%5CAFROSOFT02%5CData%20Center%5Ctafadzwac%5Cdocuments%5Cprojects%5Civeri%5CiVeriClient.Net.402) and placed in C:\Windows\SysWOW64\inetsrv

## Website

ASP.NET website integrating with the payment gateway. The web application handles the redirects and consists of the Transaction Termination page.

192.168.10.11/Web Services\PaymentGateway\PaymentGateway

## API usage Documentation

The Web Service usage documentation is hosted at <http://192.168.10.100:15006>

Environment Setup

To make use of iVeriClient 4.0.2 you need at least have Microsoft .NET Framework 4.5

For the purpose of this exercise i will assume that you will be making use of the following directory as your iVeri Client Working Directory.

C:\iVeriClient

Please Note

This directory does not have to be the same as above. However it has to be a directory that the user running your application will have access to.

Create your working directory

Windows

Right Click Computer -> Properties

Click on Advanced System Settings

Click on Environment Variables

Under System Variables click on New.

Variable Name = iVeriClient\_Home

Variable Value = C:\iVeriClient

Note

that the directory "C:\iVeriClient" needs to be created before you start the process as discussed above. You may be required to reboot the machine after updating your Environment Variables.

Running iVeri Client for the first time

copy the DefaultCertificateID under your current gateway.

<DEFAULTCERTIFICATEID>7eb345af-dc94-413b-918c-81b33419383f</DEFAULTCERTIFICATEID>

Place your new iVeriClientConfig.exe and iVeriClient.dll in your iVeriClient\_Home directory.

Run the iVeriClientConfig.exe as Administrator.

You may be prompted to choose a default gateway you will be making use of

please enter nedbank for the Nedbank gateway or enter host for other banks.

Now the following will be desplayed

Image

Now capture your default certificate as shown below, note that this is the certificate id we copied above.

Image

You may now perform your "ApplicationID ping iVeri Gateway" to ensure your setup is correct.

For New Installation or Requesting for a new certificate

Please login to Backoffice using the Administrator credentials.

Go to Menu item Certificate -> Manage Certificates

Image

Click on "New Certificate" at the top of the page

Image

Fill in the required info. Also note the the password field is required. Once done, click on the box at the bottom of the fields.

Image

Should you not be presented with the page above, please contact your local support team and ask them to move you to the new certificate chain.

Once you are moved to the new certificate chain then you no longer be able to request for a new cert using an older version of iVeri Client.

Download your certificate and place it in your iVeriClient\_Home directory

Image

Now run your iVeriClient Utility and set the default certificate id as shown below.

Image

Optional Set Certificate Authentication

Please note that by default this is set to NO.

This must not be set to yes if you are making use of a Certificate ID that may have been requested on an old iVeri Client(Version 3, 2 , 1 ).

Should you wish to set this to yes the you may do the following

Image

Note

The password prompted for is the password that you created in Backoffice while requesting for the certificate

Should you wish to us the Certificate Store as your "Certificate Source" then

You need to import your certificate by double click your new certificate as downloaded from Backoffice.

Ensure that Local Machine is selected as your Store Location as shown below.

Image

Click Next and should you be prompted for a password then provide the password that you created in Backoffice while requesting for your certificate.



Figure 1: 3D Secure process flow

## Process Architecture



## Database

**Server** : Tafadzwac-hp\sql2012 **DB**: PaymentGateway **Password:** Password123 **user ID:** sa

## Other Project Documents

Other necessary documents pertaining to projects done are located at [\\AFROSOFT02\Data Center\tafadzwac\documents\projects](file:///%5C%5CAFROSOFT02%5CData%20Center%5Ctafadzwac%5Cdocuments%5Cprojects)