**VariantExporter Command Line tool**

**Requirements:**

* Windows Environment. (Tested on WinXP and Win7)
* .NET 3.5 Framework

**Include Files in Package:**

* 8a78f942672b99b7b567615db5eff8bf.private – private key for Mawson
* Configuration.xml – file to store all config settings for the command line.
* ExporterCommon.dll – exporter common assembly lib
* HVP.public – HVP public key
* HVP\_Test\_Data.xml – Test data xml, you can use this to test the command line.
* HVP\_Encryption.exe – Executable used to encrypt data.
* Ionic.Zip.dll – compression assembly lib
* VariantExporterCmdLn.exe – Exporter command line executable.

**IMPORTANT: The server address to send data to is current set to the test server in “Configuration.xml” file. When you are ready to send live data please change this back, the code is commented out so just uncomment it.**

**Flags**:

-f <filename>or -filename <filename>

Sends the HVP xml file to HVP server. Use this to send data to HVP.

Example: VariantExporterCmdLn.exe –f HVP\_Test\_Data.xml

-t or testsend

Insures the data is sent to HVP test server rather than live. To be used with the file send. Use this to test send data.

Example: VariantExporterCmdLn.exe –f HVP\_Test\_Data.xml -t

-e <filename> or -encrypt <filename>

Encrypts and zips the data, doesn’t send. For debugging and testing purposes.

Example: VariantExporterCmdLn.exe –e filename.xml

-c or testconn

Test connectivity with HVP server, ensures that client can connect to the HVP server and data can be encrypted and decrypted.

-h or -help

View a help list of flags/options.

**Variant Exporter Command Line – Configuration.xml**

**Basic fields:**

Output – Output directory to store temporary files when the command line encrypts and compresses the xml file. Files in this directory are cleared once they are sent off successfully. If folder doesn’t exist at runtime it will be auto created.

OrganisationHashCode – The assigned Organisation Hash Code identifier for the site/lab.

PublicKey – HVP public encryption key.

PrivateKey – Site/lab private key.

ServerAddress – HVP server http address to send data to. Address set to: <http://portal.hvpaustralia.org/importer>

TestServerAddress – HVP test server http address to send test data to. Address set to: <http://portal.hvpaustralia.org/importer_test>

**Proxy settings fields:**

ProxyAddress – Proxy server address if required proxy to connect to the web.

ProxyPort – Proxy server port number.

ProxyUser – Proxy authentication username.

ProxyPassword – Proxy authentication password.

ProxyUserDomain – Proxy server user domain.

**VariantExporter Comand Line - Exit/Error codes**

In an event of an error or failure to send data through here are the list of error codes and the errors:

0 – Application completed its task with no errors

1 – Configuration.xml error

2 – HVP server connection error

3 – Client proxy settings error

4 – HVP xml data file read error

5 – Encryption xml data error

6 – Zipping encrypted file error

7 – Error clearing cached data