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HDX SDK

Hawthorne Davies' **HDX SDK** has been designed to enable Software Developers to benefit from the security offered by Hawthorne Davies' unique HDX algorithm.

Functionality

The HDX enables the software developer to integrate encryption and decryption functionality into their software. It allows the creation of new master keys, loading existing master keys, creation of new session keys and, of course, encrypting and decrypting both raw binary data and string data. The HDX SDK has been designed to enable the encryption/decryption of both static and streaming data, all at an amazing 60Mb per second.

There is no GUI element to the HDX SDK so the software developer has complete control over the "look and feel" of their finished product.

Variations

As with all Hawthorne Davies products, the HDX SDK is available in a range of key strengths from 6144-bits upwards, thus offering **absolute security**.

Software Requirements

The HDX SDK will integrate with any software that runs on any MS Windows™ operating systems from Windows XP to Windows 7.

Protection

The SDK DLL file is protected from all known debugging, reverse engineering and spoofing techniques. We recommend the protected software checks the integrity of the SDK DLL file using our unique hash algorithm HDX-H every time the software is run.

Recommended System Requirements – for development

MS Windows™ operating system from Windows XP to Windows 7 (32 or 64 bit)
Minimum disk space 5.0 Mb
Minimum processor 1.6 GHz
Minimum memory 1 Gb RAM

Recommended System Requirements – for the end user

MS Windows™ operating system from Windows XP to Windows 7 (32 or 64 bit)
Minimum disk space 1.0 Mb
Minimum processor 1.6 GHz
Minimum memory 256 Mb RAM

Benefits

- Average 'crypt' speeds of 60mb per second
- A simple activation process is all that is required from the end user
- Built-in copy protection
- Full documentation with code examples and best practice advice included