



LQ Framework

Documents can now be signed online using **LQ Framework**.

Eliminating the need to print and sign documents, LQ Framework provides the tools needed to create documents which can be signed using industry standard Internet Explorer technology.

Document Creation

Documents are created in HTML format on a server using a template file combined with data from the application database. The documents can be created from a number of alternative sources using LQ functions:

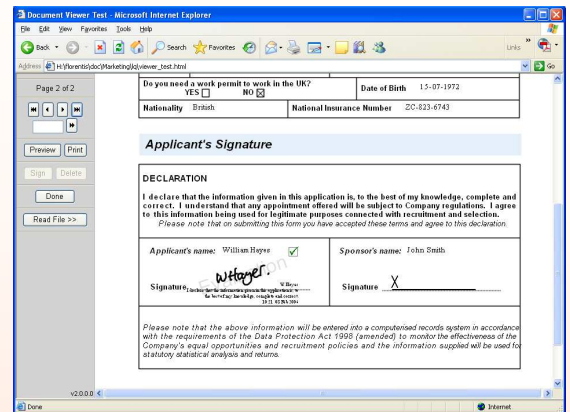
- XML - purpose designed document creation
- PDF - recreates the PDF format in HTML
- TEXT - for simple document formats

The template design supports:

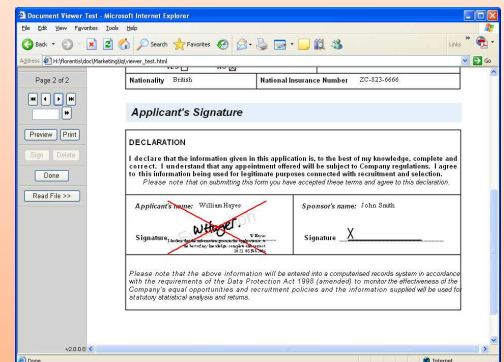
- pagination - document pagination is maintained
- images - images are embedded to eliminate external links

Signature areas are specified by type:

- digitizer - a standard Florentis signature is captured using a digitizer
- hash - the cryptographic method digest is selectable
- eSeal - an image can be used to sign in place of or in addition to capture
- digital - industry standard digital signatures can be applied
- external - an independent signature capture method can be selected
This can be a non-Florentis capture method or an alternative signing method such as Iris Scan



The screenshot shows a signed HTML document in Internet Explorer. The document is contained within a Viewer page and is displayed in a paginated format.



The second screenshot shows that the document has been altered and the eSignature is no longer valid.

Additional eCom Group tools are available which can be used for further analysis of the eSignature data, including dynamic verification against other eSignatures from the same person.

For further information please visit our web site at:

www.ecomaus.com

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Client Functions

Documents are displayed on the client system in Internet Explorer within a Viewer page which provides buttons for the various functions:

- document navigation
- print and preview
- sign
- submit to server

Server functions

In addition to providing the document creation functions the LQ Framework provides functions for processing signed documents:

- update - inserts signature data from the client into the document
- check - checks the validity of signatures within a document
- output - for archiving a document can be output to PDF or TIFF image formats

Capturing Forensic Information

Signatures are collected on a digitizer pad with important forensic information including:

- signatory name
- date and time of signing
- reason for signing
- pen movement data
- digitizer serial number
- machine ID

This information is embedded with the signature in the document and can be viewed and tested at any time to confirm the signing conditions.

Signature Verification

Tools are available for two types of signature verification chosen to suit the application:

- *static verification* allows comparison of two signatures derived from image or a digitizer pad.
- *dynamic verification* allows comparison of a signature with a registered profile using the pen movement data captured when signing on the digitizer.

These LQ compatible tools are detailed separately.

System Requirements

Operating System

SignOff will work on the following versions of Microsoft Windows:

- 2000 SP4,
- XP SP2
- Vista

Signature Pads

A suitable signing device is necessary to capture eSignatures.

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