

SignPro SSV

SIGNPRO STATIC SIGNATURE VERIFIER (SSV)

SignPro SSV is a software component for comparing handwritten signatures. The system uses graphical images which are usually scanned from ink and paper originals. The result is a score which indicates the consistency of the two samples.

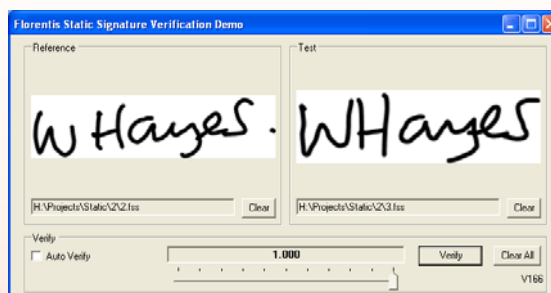
- ◆ SignPro SSV allows signatures to be verified to ensure that the correct person has signed a document or declaration.
- ◆ Only one specimen signature for each person is needed to make the comparison.
- ◆ The software returns a value of between zero and one, indicating that the signatures are different or similar, respectively.
- ◆ The application is free to set the appropriate verification threshold.
- ◆ The SSV will also accept Dynamic signatures collected using any of the other Florentis SignPro and SignOff products. This allows easy migration from static to dynamic signature systems.

BENEFITS

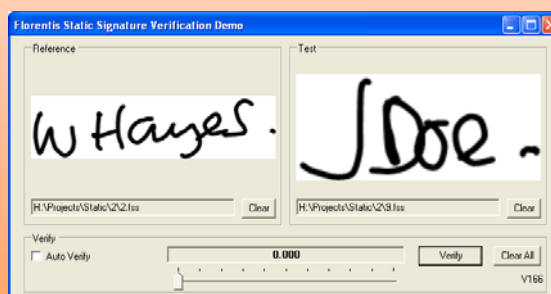
- ◆ The SSV is supplied in the form of a Microsoft COM component which can be integrated easily into any Windows application. The .NET and Java development environments are supported.
- ◆ A wide range of image formats is supported as well as dynamic signatures supplied in the Florentis format.

APPLICATIONS

Financial, Insurance, Legal.... anywhere signatures are required!



The screenshot shows a demonstration application using the Static Signature Verifier. The Verifier has compared the two signatures and returned a comparison value of 1.0 to indicate the highest possible match.



The second screenshot shows the results of comparing signatures from two different users. The value 0 being returned indicates the lowest possible match.



VERIFIER OVERVIEW

The verifier is currently supplied in the form of a COM component suitable for integration with applications running on Microsoft Windows systems.

It can handle a wide range of image types, including BMP, GIF, JPG, PNG and TIFF formats.

The component provides a simple programming interface which compares two specified images and returns a verification result of between 0 (inconsistent) and 1 (consistent).

Everyone's signature varies to a certain extent and the verifier is designed to allow some variation. In most cases signatures from the same person will produce a result of 1.0, and signatures from different people will get a result of 0. However, some individuals vary more than others and exceptionally erratic signatories may produce intermediate values. The client system must be designed to take appropriate action based on the result returned weighted according to the sensitivity of the application.

It is the responsibility of the client application to crop the images so that they contain only signature data.

The comparison process may optionally include the 'cleaning' of the image data to remove spurious marks such as speckles and lines.

EVALUATION SOFTWARE

The Static Verifier is available in the form of a simple application which allows signatures to be verified manually and may be used to evaluate the product.

SOFTWARE DEVELOPMENT KIT

The Static Signature Verifier is supplied in the form of a Software Development Kit, comprising of the component and technical documentation. It is suitable for use by any competent Windows developer.

DEVELOPMENT SERVICES

Florentis Ltd can provide highly experienced and proficient development services if required.

Florentis Ltd.,
Vallis House,
57 Vallis Road,
Frome,
Somerset
BA11 3EG, United Kingdom
Telephone: +44 (1373) 47357



The handwritten signature specialists

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