

**Any method.
Any popular format.**

**The key to paperless
business processes.**



Key Benefits

- Configurable signature types for handwritten, click sign, stamps, password, fingerprint, eSeals, and voice.
- Visual Studio support
- Support for a broad range of hardware devices
- Client or Server based implementation models
- Complete sample code for client and server solutions
- Support for Self-Sign or standard X.509v3 certificates

Sign-it® XF SDK Overview

Multiple Types of Electronic Signatures for Virtually Any Document Format

The Sign-it family of electronic and biometric signature software from CIC represents an industry "best practice" solution for organizations to consistently and repeatedly deploy a common eSignature infrastructure technology within their enterprise architecture regardless of the specific business process being automated, the type of document(s) being signed or the type of signature required.

Considering that there are many valuable methods of electronic signatures, each having its own risk management and cost benefits, Sign-it enables the rapid deployment of eSignature based paperless business solutions without the need for the arduous and costly process of defining and approving the electronic signature process every time a business solution is deployed. A large enterprise or solution provider will have many business processes that will offer tremendous

value when automated with electronic signatures. Thus, the speed to which electronic signature solutions can be deployed, together with "the" optimum risk management process, is critical to maximizing the ROI of any business process solution.

Sign-it XF is a software development toolkit designed to give software developers the ability to embed legally compliant electronic signatures in web and custom applications for deployment in standalone client and/or fully distributed applications over an Intranet or the Internet. The software enables solutions ranging from zero download applications for click-wrap, passwords, stamps and eSeals in web documents that can run on virtually any operating system or browser, to applications capturing signatures requiring hardware devices like signature pads, smartcards, voice and fingerprints.



Required Components

Microsoft® .Net Framework 1.1

Development Environment

- Microsoft® Visual Studio® .Net 2005
- Microsoft Visual Studio .Net 2003

Server Operating System

- Microsoft® Windows® XP or 2003 Server

Client Resident Applications

- Microsoft Windows 2000, XP, Vista or 2003 Server

Optional

- A pen input device for signature capture
- Windows setup for microphone and speakers for voice signing
- SignatureOne™ Profile Server setup for signature verification, stamps, and passwords
- UPEK® USB Fingerprint Readers (TCRU2C TouchChip® Reader and TCRU1C TouchChip® Reader) supporting BSP v1.7 with BioAPI version 1.1
- iKey™ 2032 from SafeNet, Inc.

Web Deployment for All Signature Methods

- IIS 6.0 for Windows 2003 Server
- IIS 5.0 for Windows XP
- Internet Explorer 6/7 client
- Non-hardware signature methods including Password, Stamp, and Click-to-Sign supported on any OS and browser that supports HTML standards which include most current Macintosh® and Linux systems with Mozilla®, Firefox®, and similar browsers.

Contact:
1-650-802-7888

sales@cic.com
www.cic.com

Sign-it® XF SDK Overview

eSeal

An eSeal is an electronic image of a company logo, a company seal, or a personal seal. Sign-it allows you to attach one to a signature block. File formats supported are JPEG, TIF, BMP, GIF and PNG.

Validation

Only signatures that can be validated are considered viable electronic signatures. Validating signatures provide a check to insure that the document and signatures have not been altered.

SignatureOne™ Profile Server

SignatureOne Profile Server is a separate product from CIC which hosts signature templates used to verify signatures or passwords against user information prior to releasing a signature or signature stamp onto a document.

User profiles and signature templates are required to be created in a controlled environment to insure that user information cannot be altered by other users.

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Communication Intelligence Corporation ("CIC") is a leading supplier of electronic signature solutions for business process automation in the Financial Industry and the recognized leader in biometric signature verification. CIC's products enable companies to achieve truly paperless work flow in their eBusiness processes by enabling them with "The Power to Sign Online™" with multiple signature technologies across virtually all applications. Industry leaders such as AIG, Charles Schwab, Prudential, Nationwide (UK) and Wells Fargo chose CIC's products to meet their needs. CIC is headquartered in Redwood Shores, California and its products are sold and supported globally. For more information, please visit our website www.cic.com.



Through an open Application Program Interface approach, Sign-it XF can be used for electronically signing most any type of transaction whether it is in data-centric or document-centric form. The software generates our Ceremony™ token which contains the digital transaction data required to validate transactions and insure non-repudiation.

When an electronic signature is captured using Sign-it the signature is bound to the document using a cryptographic hashing algorithm and standard encryption technology. The algorithms used within Sign-it are based on the National Institute of Standards and Technology (NIST) approved standards.

Enhanced PDF Support

Sign-it XF supports multiple data / document types and includes enhanced support specifically for PDF which is the most commonly used document type for legally binding contracts and agreements.

Signature Methods

A broad array of signature types are natively supported by Sign-it XF and additional methods can be easily added through its modular architecture with the development of a driver / hardware specific module without modification to the core software.

- Live Signature – A handwritten signature of the signer from virtually any hardware
- Voice Recording – A recording of the signer's intent and approval of signing
- * Signature Stamp – A handwritten signature stamp of the signer released from a SignatureOne Profile Server with a password
- Fingerprint – A fingerprint image capture from UPEK
- * Verified Signature – A handwritten signature of the signer verified against the signer's signature template
- * Password – An approval from the signer with a password verified against the signer's profile
- Click2Sign – An acknowledgement and agreement of signing from the signer with a click of the mouse

* Requires SignatureOne Profile Server