

# Biometrics for Electronic Signature Verification

## The DNA of the Electronic Signature

- Non-Invasive
- Simple and Secure
- Doesn't Disrupt Normal Flow of Business
- Meets Legal and Regulatory Requirements
- Multi-Platform Technology Works with Any Operating System

*Verifying electronic signatures presents both legal and performance issues that must be resolved to achieve complete electronic flow in today's paperless environments. In both enterprise and consumer applications, the ability to securely capture a signature and verify a person's identity has become increasingly important. The electronic signature solution must be simple to use, secure, meet legal and regulatory requirements as well as operate within any system environment.*

### Electronic Signature Verification Defined

Electronic signature verification is an automated software solution that allows individuals or clients to securely store electronic signatures for future identification purposes. To meet legal and regulatory requirements, the signature must be unique, verifiable, and under the sole control of the person who created it. The biometric technology of CSC's E-Signature software captures and measures 250 behavioral biometric points (aka dynamic stroke data) during the act of signing on a signature pad. Once captured, the signature cannot be copied or altered. The data is encrypted and stored as part of the record. The signature and encrypted data are then bound to the single document. If the document or data is tampered with, the electronic signature is rendered invalid.

### Open Architecture

CSC's multi-platform technology adapts to and works with any operating system including wireless and mobile environments. The value of multi-platform scalability is critical to cost effective ROI. Integrating non-compatible software into an enterprise-wide solution is very costly and often forces companies to adopt a plan that has more to do with managing the integration than deploying the technology. Significant resources can be tied up in additional hardware and training resulting in cost overruns and delays, all which impact the bottom line. CSC's open architecture allows customers to build on their existing enterprise value, rather than replace it.

*"The technology measures 250 biometric points captured during the act of signing ... to verify a person's identity in future transactions."*

### Biometric Technology = True Security

Biometric technology provides a level of identity verification that satisfies legal and regulatory requirements, making true security a reality. The biometric measurements collected from an electronic signature are as unique to individuals as their DNA and virtually impossible to duplicate. Measurements analyzed during the act of signing include timing elements (speed, acceleration), sequential stroke patterns (in which direction was the "t" crossed, did the "i" get dotted at the very end), and off-tablet motion. The resulting accuracy is comparable to and less invasive than other technology alternatives such as retinal eye scans or fingerprints.

### The Era of Electronic Commerce

The passage of the Electronic Signatures in Global and National Commerce Act (E-SIGN), The Patriot Act, Gramm-Leach-Bliley Act, and HIPAA all present new challenges to electronic commerce. E-SIGN in particular ushers in a new era from a legal perspective, effectively granting electronic signatures, contracts, disclosures and records the same legal status as those on paper. For more information on CSC's data and document management solutions, visit us on line at [www.csc-groupinfo.com](http://www.csc-groupinfo.com).

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