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New LCD Pad for Signature Capture and Authentication

Los Angeles, CA (September 20, 2006)— Card Scanning Solution’s Signishell biometric signature solution now comes bundled with a handsome signature pad featuring a backlit 3.33” x 2.25” LCD window developed as an advanced solution for collecting signatures and authenticating identity, approaching signatures as unique personal identifiers. Unlike many signature-verification systems, the SigniShell LCD relies on more than just the “look” of the signature. Just as every fingerprint is unique, every hand signing a name creates specific variations not detectable by the human eye. Using a unique algorithm, the Signishell captures detailed measurements of a signer’s rhythm, speed, pressure and acceleration when creating a signature in order for authentication in future comparisons. The software conforms to government E-SIGN legislation so that signatures collected and authenticated within documents and transactions are legally binding and secure.

The SigniShell LCD features a backlit window that allows the pad to be used in low light conditions. The interactive features of the software allow a developer to print information on the pad screen and get feedback from the customer, such as having the customer accept disclaimer terms, etc. Upon signing, the system creates an electronic image that can be stored in a user specified location. The software allows biometric authentication by having the user enroll by signing six times, allowing the software to measure the mean rhythm, speed, pressure and acceleration of a signature to create a unique signature profile for future authentication purposes.

The SigniShell technology dynamically learns the variations in an individual's signature to accurately recognize a user’s authentic signature despite slight variations, while also allowing for the recognition of forgeries despite superficial similarities. SigniShell is a pertinent solution for access control, client identification, document workflows and the security of electronic transactions in any market.

The Signishell LCD’s unique software allows not only easy integration into a client’s existing applications, but is also bundled with extras that give the user value-added software that supports multiple applications and e-signature formats including Microsoft Word and Adobe Acrobat Writer. The software can accommodate multiple signature and multiple signing parties per document, and can verify who signed what, when, where and why so that a secure audit trail is created and document integrity is protected at both the content and file level. Signishell is a scaleable solution that can grow with any organization’s needs; the pad can be integrated as a simple signature capture device, or later converted to have additional functionality at no extra cost.

The SigniShell Features:

- Powerful SDK
- Wintab Drivers
- WordShell – Enables the signing of word documents
- PDFshell – Enables signatures on PDF documents
- Biometric Signature Authentication
- PKI & Triple DES Encryption Support
- Simultaneous Capture of Hard-Copy & Electronic Signatures (by placing a paper on the screen and signing with a ball point pen.)

About Card Scanning Solutions

Card Scanning Solutions is the leading developer of identification products. Its product line, including the IdScan, Scanshell.net, and Signishell Biometric Signature Solution, is used by top security and government agencies, credit unions, casinos, hotels and automotive dealers around the world. Recognized for its cutting edge technology, it assimilates high product accuracy, cost efficiency and the ability to improve customer service applications while reducing losses due to fraud. Card Scanning Solutions is the go-to choice of the major industries for enhanced identification and scanning services in the post 9/11 era.