Transaction Security, Inc. Unveils Crypto-Sign™
Biometric Software for The Mobile Work Force

Severna Park, Md, May 27, 2003 -- Transaction Security, Inc., a leading developer of productivity software solutions, today announced the official release of its PDA-Protect™ biometric software. The first product based on the company's patent-pending Crypto-Sign technology, PDA-Protect provides biometric access control to Personal Digital Assistants (PDAs) -- including Windows Powered Pocket PC devices with phone and wireless capabilities -- without additional hardware requirements.

"Crypto-Sign's low-cost, non-invasive biometric software technique provides PDA-Protect with the ability to transform PDA functionality by introducing a new, more secure level of access control," said TSI founder and CEO Rod Beatson, a 20-year veteran of signature verification technology. "In an age of growing risks to corporate and government systems, PDA-Protect provides a new measure of security that transcends those provided by traditional methods of electronic signature authentication."

Unlike other methods, Crypto-Sign is based on the submission of a secret sign – rather than a human signature -- on a PDA, Tablet PC or digitizer. The position of the user's stylus is sampled many times a second as it moves over the surface to generate data which are analyzed and compared with a previously established template. For device access control, Crypto-Sign can be used to release electronic signatures to documents for proof of authorship and to generate encryption keys.

"Enterprises looking for a rigorous, yet simple, authentication approach should evaluate PDA-Protect for signature-capture and biometric verification on the Pocket PC," said Douglas Dedo, Marketing Manager, Mobile Devices Division at Microsoft Corp. "Security-enhanced features like this are valuable for enterprise customers deploying these devices in high volumes." PDA-Protect is included in Microsoft's Mobile Solutions directory.

With Crypto-Sign, the sign, much like the password or PIN is chosen and kept secret by the user. It is never displayed on the device, significantly reducing the risk of fraudulent access. And, unlike a human signature, which may appear on other hard-copy documents, a secret sign remains unavailable to a potential impostor.

"Today millions of PDAs and PDAs with phone functionality are capable of synchronizing with workstations and laptops and copying confidential data from enterprise intranets," said Glen Gulyas, a TSI Director and a consultant to Microsoft. "Now PDA-Protect can give enterprises better control over what data is copied to a PDA, and can safeguard access to valuable corporate data if a device is lost or stolen. In addition, PDA-Protect's ability to attach secure electronic signatures to documents and communicate them from remote sites can save enterprises millions of dollars in time and administrative costs."

"Through numerous initiatives, the U.S. Government is actively encouraging the development and use of biometrics in government and industry," said Beatson, who represents TSI on the International Committee for Information Technology Standards (INCITS) M1 Biometrics Committee. "We believe that Crypto-Sign and PDA-Protect represent significant advances in that effort."

Details and software downloads are available at http://www.crypto-sign.com.

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