



**For Immediate Release
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***Trusted Security Solutions, Inc. receives notice of patent allowance for
Persistent Key Component (PKC) technology from the USPTO.***

CHARLOTTE, North Carolina -- Dennis Abraham, president of [Trusted Security Solutions](http://TrustedSecuritySolutions.com), reports the United States Patent and Trademarks Office (USPTO) has issued a "notice of allowance" for its Persistent Key Component (PKC) Technology. A "notice of allowance" means all the claims on the patent application have been allowed and the formal patent will be issued.

According to Abraham, "PKC allows a unique cryptographic key to be compliantly established by one person while avoiding the expense and complexities of using of Public Key Cryptography. PKC is a viable alternative to Public Key Cryptography for ATM vendors and owners that want to reduce costs yet remain compliant with the applicable standards and network operating rules." Abraham presented a session on PKC at the NYCE Risk Management forum in New York City where he was an invited speaker in mid-October.

The fundamental principle of PKC is that the ATM persistently holds one Key Component in secure storage, such that it survives power off and on cycles. Once the first (persistent) component is entered, perhaps at a staging area, it remains in the secure storage of the ATM until an authorized individual replaces it. The component entered by the second custodian is then combined with the persistent component to form the key. Each time the ATM needs to be repaired or re-keyed, only the second component needs to be entered since the first component is being persistently held in the secure area. So long as the persistent component was properly managed and was random at the time of its entry, each subsequent combination of the persistent component and a new second component will result in a new random key.

Abraham states "PKC was designed into the A98 from the very beginning. An A98 along with Comvelopes provide a very attractive alternative to Public Key Cryptography for the cost conscious user." Considering the classic A98-A, the new A98-R and the addition of PKC, the prospective A98 buyer can select from a total spectrum of solutions to their ATM key establishment requirements instead of a "one size fits all" solution. Vendors interested in implementing PKC are invited to contact Abraham at DAbraham@TrustedSecurity.com .

About Trusted Security Solutions, Inc.

Abraham & Associates, Inc. of Concord, NC and J.S. Walker and Co., Inc. of Charlotte, NC created Trusted Security Solutions, Inc. in 1998 for the purpose of bringing unique security solutions to the transaction processing industry. Abraham & Associates specializes in consulting services for the financial transaction processing industry with an emphasis on PIN based transactions. J.S. Walker & Company specializes in providing consulting services and the development of custom software applications for financial institutions, insurance companies and related businesses.

TSS markets directly and through several established resellers.
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