



## Wide-Scale Adoption of Electronic Smart Solutions in Government Organizations

Over the next several years, the DoD and other government agencies will be replacing outdated identification cards with new “smart cards” like the Common Access Card (CAC). The new cards will give military personnel and civilian government employee’s real-time access to secured computer networks, military munitions, living quarters or can be used by high-ranking personnel to determine troop deployment readiness or to track weapons issuance.

Traditionally, issuing identification cards to one million or ten million military personnel has been cost-prohibitive for several reasons including the reliance on a making a centralized connection to a secure database to check permissions one-by-one. Today, practical approaches to wide-scale adoption of the CAC program involve the emergence of new technologies that enable an individual’s identity to be separated from their permissions.

By separating identity from permissions, as individual’s are promoted in rank or title or are discharged from the military, expensive network connections are not required, thus providing a cost-effective and highly scalable solution.

The key is in using digital proofs—small codes embedded with information for validating and authorizing information—to validate access permissions. These proofs are so small and secure that they can be sent in any of a number of ways—including wireless transmission—solving the distribution dilemma. As a result, the proofs can be inexpensively placed on one or one hundred million CAC’s.

### **This presentation will address:**

- What technologies are necessary to successfully separate identity from permissions.
- How such technologies deliver on the promise of Public Key Infrastructure (PKI) by making it cost-effective.
- Why massive adoption of the CAC program can benefit tens of millions of military personnel and civilian government workers.
- What the top benefits are for government agencies adopting a system.



**Phil Libin, President**

Phil Libin is responsible for leading CoreStreet’s engineering efforts and product design strategy. Phil is a skilled technologist with both hands-on development and managerial experience.

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Phil is a captivating speaker on critical security issues and has presented at such influential conferences as RSA, Security in the New Millennium, Vignette Village, Electronic Commerce and JavaOne. His thought leadership writing has been published in *CIO Magazine*, on CNET.com and ZDNet.com and in the book Security Matters. The author of a popular Weblog ([www.vastlyimportant.com](http://www.vastlyimportant.com)), Phil has also appeared as an industry expert on such newscasts as Boston's WBZ and NECN as well as WBIX Radio.

Phil co-founded CoreStreet in 2001. His goal was to bring together security and convenience in order to make society a safer place, and he is doing just that. CoreStreet is the only provider of massively scalable validation products for identity management and access control. CoreStreet's products are designed to secure large, mission-critical applications for military, civilian government, financial services and healthcare customers. The company, headquartered in Cambridge, Mass., holds 14 patents with more pending.

Phil has been involved in some of the most groundbreaking technology advancements of his time. Prior to CoreStreet, Phil served as a senior engineer at Art Technology Group (ATG) participating in the creation of several Java technologies that would become Web and Internet software standards, such as application servers and dynamic Web pages. Phil also worked on the largest dynamic web site of the time – the SonyStation. Prior to ATG he helped to develop an Internet-enabled health insurance claims processing and customer service system for the Chickering Group, a large scale travel reservations system for EF Travel and invented a dynamic 3D data mining and visualization product for Exchange Applications

In 1997, Phil left ATG to become the cofounder and president of Engine 5, Ltd. In two and a half years, Phil grew the company to 12 people, \$2 million in revenue and a client list that included Nokia, Yahoo, Xchange, eToys and Barnes and Noble. Engine 5 was profitable during every quarter of operations and in late 1999, Phil sold Engine 5 to Vignette Corporation and served as the Chief Technologist for Applications where he led many architecture, product design and M&A due-diligence projects.

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