

# AuthEngine: Embedding Strong Authentication in Existing Applications

*"It's the most developer-friendly of all products I reviewed. The most unique feature is that they give you the source code to embed into your programs"*

-Julius Ang, Managing Director, Digician



## Security on Your Own Terms

Many organizations have developed custom applications designed to maintain their confidential information and to suit unique company or industry requirements. With the increase in regulations to protect confidential client and organizational data, and the recognition that built in password protection has proven to be inadequate, more industries are turning to two-factor authentication to confidently secure their data. The trouble however, lies in the fact that most authentication solutions on the market are not easily compatible with custom developed applications – until now.

CRYPTOCARD's Two-Factor Authentication API, AuthEngine, is embeddable into any firm's applications and business logic, allowing complete control of the authentication process from the workflow to the individual user.

CRYPTOCARD's embeddable solution goes far beyond a typical two-factor implementation where an authentication framework is dropped in front of existing applications. With

AuthEngine, authentication can in essence be fused to the application that it protects. Everything from token and user management, to logging and reporting functions are done within the control of the developers, without the need for additional servers and databases.

## AuthEngine — Embedded, Easy Authentication

This embedded approach has many benefits - the ability to customize is unmatched - but it's also revolutionary in terms of cost-effective implementation. Even taking into account the invested development time, which is typically just a few days, you have a solution that for which you never have to buy add-ons, upgrades or licenses. Not only is it customizable, it's yours. You only have to purchase tokens as you deploy the solution.

AuthEngine supports the use of the industry-leading CRYPTOCARD KT-1 key chain token and RB-1 pin pad token. These tokens are easy to use, secure, and have replaceable batteries for an unlimited lifespan. Purchasing tokens can be done through CRYPTOCARD and are only required as you implement and deploy the solution.

## AuthEngine

- Fully embeddable authentication solution for custom applications.
- Supports rapid development of authentication capability in web-based applications.
- Enables programming and initialization of industry leading hardware tokens.
- Available as .COM object, .SO shared object or JRE.

### The Compatible Solution

AuthEngine can be implemented in nearly any technology environment and does not require a dedicated server. It consumes minimal CPU and memory overhead. Best of all, AuthEngine enables you to integrate strong authentication into your application the way it makes sense to you, allowing you complete control over the workflow, user experience and deployment processes. It can be used along side other authentication methods, and can work with all existing authorization mechanisms.

AuthEngine's ability to fuse with existing applications and computing environments has enabled many organizations, from nuclear labs to healthcare software developers, to satisfy the most stringent security and authentication requirements.

*"AuthEngine makes sense as it enables organizations [software vendors, application developers, etc.] to add best-of-breed authentication technology from a recognized market leader. Many organizations simply don't have the expertise required to develop an authentication solution, and so see it as an area where there is obvious business advantage to partnering with a specialist."*

- Andrew Kellett,  
Senior Research Analyst  
Butler Group

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