

Security Builder[®] SSL[™]

COMPLETE SECURE SOCKETS LAYER PROTOCOL SECURITY MODULE

Add complete Secure Sockets Layer (SSL) or Transport Layer Security (TLS) protocol security to your Internet communications without sacrificing development time or incurring security risks. Security Builder[®] SSL[™] by Certicom offers a single application programming interface (API) and is optimized for a variety of environments including constrained devices and wireless applications. This unique design supports client and server authentication, is backed by an expert support organization and can be configured with Security Builder[®] GSE[™]—Certicom’s FIPS 140-2 Validated cryptographic module. Security Builder SSL also contains Suite B algorithms that support the National Security Agency’s (NSA) requirements for the U.S. Government Crypto Modernization Program.

Security Builder SSL* supports the Certicom[®] Security Architecture[™] — a comprehensive, portable and modular solution designed to allow developers to quickly and cost-effectively embed security across multiple families and generations of devices.

REDUCE TOTAL COST OF OWNERSHIP

Backed by years of experience, extensive testing and expert service, Security Builder SSL uses patented technologies and is designed to meet the most rigorous certifications to avoid the vulnerabilities of open source solutions. This helps you to get your product to market faster with fewer errors and protects your bottom line from legal and security risks. Gain additional peace of mind knowing that Certicom monitors Internet security advisories such as CERT and NISCC, and provides customers with immediate updates if affected.

RAPID DEPLOYMENT

Security Builder SSL ships with an API that provides a single, common interface between the protocols and cryptographic providers of the Certicom Security Architecture*, simplifying your development cycle and speeding time to market. The Rapid Application Development option enables Security Builder SSL to be dropped into your application or device quickly, further saving development time and money.

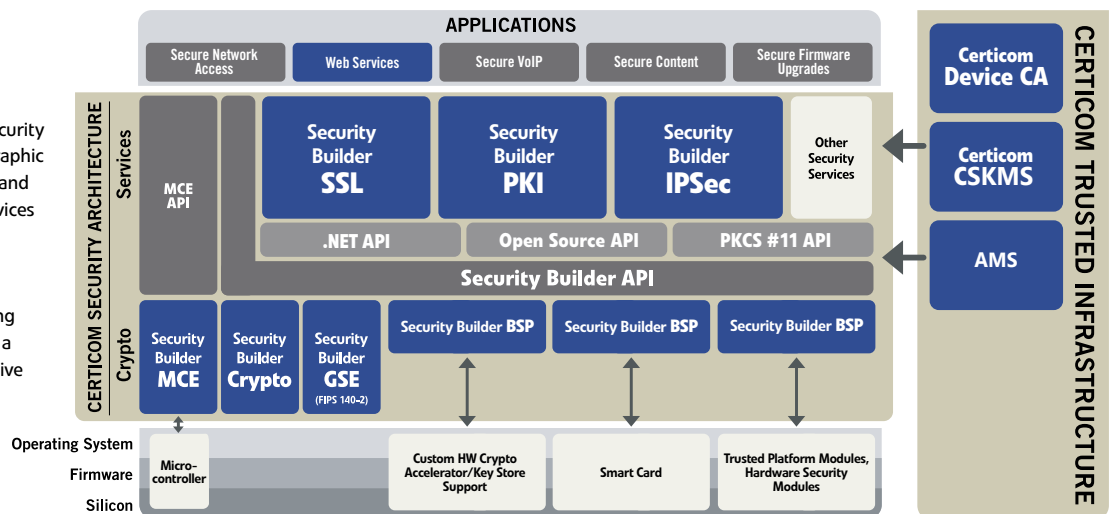
OPTIMUM PERFORMANCE

Optimized to be fast and efficient, Security Builder SSL offers the performance required for security on everything from mobile and embedded devices to desktops and servers. This results in faster processing, better bandwidth usage, reduced storage and longer battery life. As an option, organizations can choose compression and standards-based SSL/TLS cipher suites that support elliptic curve cryptography (ECC), further enhancing performance abilities.

PROVEN INTEROPERABILITY

Thoroughly tested and supported, Certicom’s implementation offers compliance with standards such as ANSI, FIPS, IETF, ISO and NIST and Suite B requirements. Security Builder SSL also supports leading browsers and third-party certificate authorities such as VeriSign and Thawte. Combined with support for x.509 v3 certificates, Security Builder SSL can secure any size application or device.

The Certicom Security Architecture is a comprehensive, portable and modular security platform that includes: software cryptographic providers that offer FIPS 140-2 Validation and meet NSA guidelines for ECC; security services like SSL, IPSec and PKI; hardware security cores and board support packages (BSP) that expose cryptographic functionality available in hardware. An application using SSL can benefit from CSA to enable either a FIPS, non-FIPs provider (SB-Crypto) or native hardware crypto provider.



*Security Builder SSL-C only

