Secure Software Development

Security is more than a product feature.
Custom software from Casaba is secure by design and by default.

Why is Custom Software More Secure with Casaba?

Whether you intend to build your next software project in-house or outsource the development, make sure you begin with security in mind.

Casaba can help build security into your design at the planning phase, providing you with a solid blueprint from which to work. We can also design and develop custom software and security tools from the ground up, following our industry-leading best practices to build security into the product at every phase of the development lifecycle. Either way, you'll know that your application is as secure as it can be and that you are getting the most for your development dollars.

Development efforts of all kinds can benefit from a security-minded approach. Casaba's secure software development services include:

- Secure server software design and development
- Rapid prototyping of secure applications and security functionality
- Web security and fraud prevention tools
- Input validation tools (fuzzers and filters)

Secure Server Software

Servers, especially those on public networks like the Internet, are inherently exposed to risk. But even the most public web servers can be built to prevent unnecessary exposure to malicious attacks. Casaba helps companies build security into server software and network protocols, minimizing vulnerable surface areas, reducing exposure, and cutting down the risk of attack.

Get Started

Contact us today for a free consultation and security review:

- Phone: 1-888-869-6708
- Email: info@casaba.com
- Web: www.casaba.com

Your Trusted Partner

Casaba has built a reputation with our customers for being trusted, highly qualified security partners. Our team includes respected security community leaders who have published books on security practices, developed gold-standard security software, and presented at leading industry events.

Best Practices in These Core Design Requirements:

- Attack surface reduction
- Authentication
- Authorization
- State tracking
- Cryptography
- DoS resistance
- Exploit resistance
- Input validation
- Disaster Recovery
- Monitoring
- Logging and repudiation
- Intrusion Detection

Rapid Prototyping

When others say security can't be done, we like to prove that it can. Building security into software is often a complex task that requires practical application. Casaba offers rapid prototyping of secure applications and advanced security functionality to prove feasibility and provide a working model for development.

Software Security Tools

Secure software development requires testing and validating at every phase. Casaba is a pioneer in the development of technologies that help identify vulnerabilities, expose threats, and validate application behavior under unexpected conditions. We offer several proven security utilities and build custom tools to suit your product's specific needs.

Planning and Design Services

The key to building secure software is to plan for it. Casaba can help point you in the right direction with security planning and design that gives you a blueprint to build security into your application. And we can help you roll secure practices into your process so that every time you release new software, you'll know it's as secure as it can be.

Security Development Life Cycle (SDL)

Pioneered by Microsoft, the Security Development Lifecycle (SDL) is a thorough model for developing and releasing secure software. By implementing an SDL program, businesses can reduce costs over time and minimize security risks. Casaba can help you develop your own SDL program, enhance an existing program, or help implement one you already have in place—whether you operate on a Microsoft, Linux, UNIX or other heterogeneous platform.

About Casaba

Casaba is a strongly integrated team of security pioneers with a reputation for relentlessly researching, developing, and implementing innovative solutions to the most difficult security problems. We are prepared to assist in every phase of security consulting and auditing, and we are fully bonded and insured by Lloyds of London.

Flexibility

Applications come in all shapes and sizes, and business requirements differ. Casaba can tailor a software development engagement to meet your specific needs, working on site as an integral part of your team or remotely from our offices.

Microsoft SDL Pro Network

Casaba's commitment to excellence in se is evident in its recognition as one of only members of the Microsoft Pro SDL Netwo means we can help businesses build appli meet some of the highest security require industry.

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