PreEmptive PROTECTION | **DashO**

Protect the Value of your Innovation

Through a combination of binary hardening, detection, defense and alert controls, PreEmptive Protection for Android & Java offers material risk mitigation against the following threats:

- Intellectual Property Theft
- Revenue Lotss
- Trust and Brand Damage
- Fraud and Unauthorized Data Access
- Confidential Data Theft

"PreEmptive offers a scalable, commercial platform that helps Quest Software do what we do best: deliver high quality, high value, mission-critical software."

Claudia Fernandez, Director of Product Development, Quest Software

Protect your software and the data that runs through it.

Because data is created, accessed, and changed through applications, protecting your applications is a key component to protecting your data. Adding application protection to your secure software development lifecycle will make it more difficult for people and machines to exploit them.

Applications are increasingly being regulated alongside data.

The deadlines and expanding obligations for regulations such as GDPR and PCI loom large with the penalties for failure. While operational risks and controls are always at the center of every compliance & risk management program, development risks and obligations cannot be ignored.

PreEmptive
www.preemptive.com

Advanced Hardening

Renaming – Our overload induction takes renaming to a new level of obfuscation.

Control Flow – Effectively thwarts machine translation without compromising performance or quality.

String and Android Resource Encryption – Our work with various defense departments makes our approach secure, performant and legal for export.

Built-in "Smart" Obfuscation – Provides optimized support for Spring, Hibernate, JSP, Android and other frameworks.

Real-Time Defenses

Anti-debugger detection – Offers real-time defensive measures, alerts and reports, and extensions to support integration with preferred IT and system monitoring consoles.

Shelf Life – Triggers absolute and relative expiry behaviors that include custom behaviors, notifications, and reporting.

Tamper Defense – Protections against malicious modification of runtimes to prevent counterfeiting, piracy, and the introduction of malware.

Watermarking – Track unauthorized copies of your software back to the source by embedding data such as copyright information or unique ID numbers.

Root Check for Android – Detect when an app is running on a rooted device (offline or on a network).

Emulator Check for Android – You can tell your application to shut down or behave differently when it is run inside an emulator. This prevents attackers from probing the application's defenses under emulation.

Hooking Check for Android– Detect the presence of hooking frameworks in the environment. The app can respond accordingly (e.g. by shutting down, throwing an exception or hanging, sending an alert, etc.).

Development Process Integration

PreEmptive Protection for Android & Java provides reliable, flexible, and scalable deployment options to accommodate everyone from agile start-ups to automated manufacturing processes. PreEmptive Protection for Android & Java can be used with the standalone GUI, an Ant and Gradle integrated projects, or via command line.

Dedicated Support Engineers in North America & Europe

Our dedicated, professional team knows how to program, they know our technology and their entire job is to make you successful.

Licensing Model to Support Enterprise & Mission-Critical Development

Cost effective and simple to administer licensing.

What we will never do is impose an arbitrary "tax" on our clients' success, development practices, or development velocity; as an example, charging clients based upon the number of unique Android package ID's they generate violates our basic principles of fairness, transparency, and value-based pricing.

A Market Leader Across Every Industry, Geography & Business Category

Over 5,000 of the largest manufacturers, life science companies, aerospace corporations, financial institutions and software development organizations trust PreEmptive to secure and measure their work without compromising the quality and functionality of their code.

Find us:

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