SandboxAQ Security Suite

SandboxAQ’s Security Suite is a cryptographic management software platform that provides a full range of services to achieve cryptographic agility.

The suite automatically analyzes and reports on your cryptographic security posture and policy management and enables your team to deploy and enforce new protocols, including quantum-resistant cryptography, without re-writing code or modifying your IT infrastructure.

By bringing cryptographic management into the agile and IT automation era, our Security Suite will help your organization reduce risk and remain compliant with changing regulations, allowing you to seamlessly enhance your cryptography against current and future threats.

SandboxAQ Security Suite Architecture

Discover

The Cryptosense module helps you gain insight into the cryptography at use in your IT environment. Cryptosense continuously retrieves information from three types of analyzers to provide 360-degree visibility into your organization’s cryptographic inventory.

**Discover**

**Network Analyzer**
Captures network traffic and identifies cryptography used to protect data in transit.

**Application Analyzer**
Detects and records all calls to cryptographic libraries made by an application at run time, identifying vulnerabilities and policy breaches.

**Filesystem Analyzer**
Scans files to find and parse cryptographic artifacts in data at rest.
Manage

The Control Center module provides a dashboard view of your cryptographic inventory and includes benchmarking tools to monitor the performance of your cryptography.

**Analyze** your comprehensive cryptographic inventory.

**Cross-reference** cryptographic use in your network, applications, and filesystems.

**Identify** vulnerabilities and algorithms that do not adhere to policies such as FIPS 140-2, PCI DSS, or quantum-resistant cryptography.

**Integrate** cryptographic inventory, analysis, and alerting into your CI/CD and DevOps toolchains for application tracing and monitoring.

**Enable** remediation by integrating with JIRA, GitHub, IDE, and other DevOps issue tracking tools.

**Monitor** cryptographic performance.

Remediate

The Cryptoservice module enables remediation and supervised enforcement to respond to policy violations. Swiftly address vulnerabilities and out-of-policy algorithms through live remediation via cryptographic algorithms and/or protocol switching, avoiding the need for costly and time-consuming re-architecting or re-writing of operating systems or applications.

Cryptoservice is designed to be integrated into the CI/CD cycle. All scans and traces flow into a central database allowing insights to enhance triage and prioritization. The results can be seamlessly integrated into your custom dashboards and queried via our GraphQL API.

**Reduce** risk by transitioning your IT infrastructure to agile and automated cryptography management.

**Adhere** to new cryptographic requirements and switch seamlessly among them.

**Integrate** and operationalize cryptography for deployment.

**Remediate** off-policy algorithms and enforce standards, including post-quantum cryptography.

**Achieve** full sovereignty over your cryptography.

Future-Proof Your Security

Protect your organization’s sensitive data from both current and future cyber threats. Developed by a global team of cryptography experts and enterprise software engineers, the SandboxAQ Security Suite provides full visibility of your cryptographic security posture, policy management, and deployment and enforcement of quantum-resistant protocols. With SandboxAQ you can achieve a high level of security, comply with standards, and prepare for the future of cybersecurity.

Request a SandboxAQ Security Suite demo today.  discover@sandboxaq.com