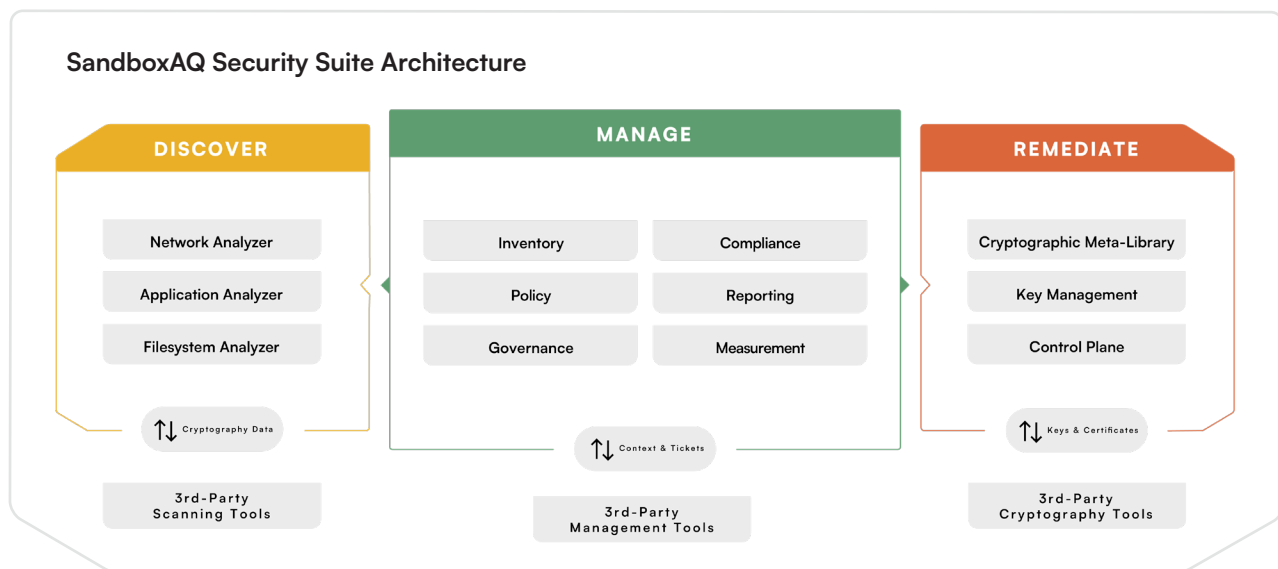SANDBOX**AQ**

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	MANAGE		REMEDIATE
Network Analyzer	Inventory	Compliance	Cryptographic Meta-Library
Application Analyzer	Policy	Reporting	Key Management
Filesystem Analyzer	Governance	Measurement	Control Plane
⇅ Cryptography Data	⇅ Context & Tickets		⇅ Keys & Certificates
3rd-Party Scanning Tools	3rd-Party Management Tools		3rd-Party Cryptography Tools

Discover

The Security Suite provides valuable insights into your cryptography usage. Our analyzers capture snapshots of your cryptography triggered by your automated workflows, ensuring real-time visibility of your cryptographic inventory at intervals of your choice. By compiling information from three types of analyzers, the Security Suite delivers comprehensive 360-degree visibility into your organization's cryptographic inventory:

NETWORK ANALYZER

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

APPLICATION ANALYZER

Detects 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

Our Security Suite 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.

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

Monitor cryptographic performance.

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.

Remediate

The Security Suite 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.

The Security Suite is designed to be integrated into the CI/CD cycle. All scans and traces flow into a centralized 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 your organization's risk by transitioning your IT infrastructure to agile and automated cryptography management.

Adhere to new cryptographic requirements and switch among them without requiring additional development or maintenance.

Integrate and operationalize cryptography for deployment.

Remediate off-policy algorithms and enforce standards adapted, 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

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