

# CryptoNext Compass Analytics

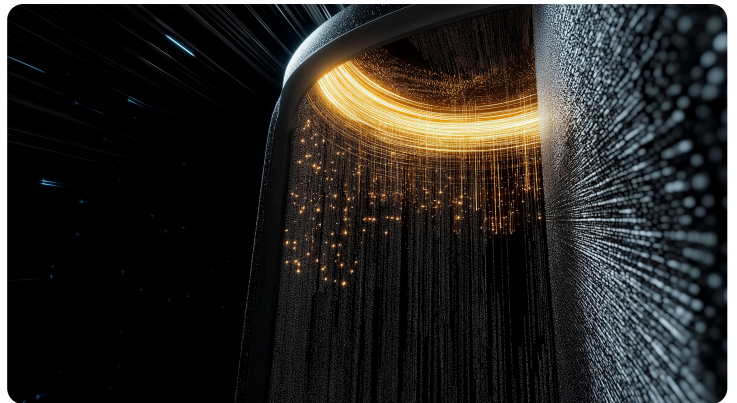
## Inventory all your cryptographic assets and monitor your migration to post-quantum cryptography

The transition to post-quantum cryptography (PQC) is unavoidable to counter the quantum threat. Before initiating a migration, it is crucial to identify cryptographic assets and their locations. This helps define migration priorities and develop an action plan. To migrate these assets, such as algorithms, parameters, keys, certificates, protocols, etc., to quantum-safe solutions, discovering and inventorying them within the information system is essential. However, these assets often come from heterogeneous sources that are rarely well-documented.

## Discovery, Inventory and Analytics Platform

CryptoNext COMPASS Analytics is a comprehensive solution designed to guide you through the discovery phase of your PQC migration, streamline compliance management, and enable long-term auditing of your cryptographic assets :

- Inventory crypto assets across a diverse and heterogeneous infrastructure
- Simplify regulatory compliance with decision support tools tailored to the specific needs of your industry
- Provide detailed reporting on the progress of your PQC migration, ensuring auditability and proof of success
- Audit your cryptography usages in the long-run



## Key Features

### ► Graphical User Interface in the Form of a Web Application:

- Sensor Management Tool
- Customizable Data Visualization Tool
- Regulatory Compliance Support Tool
- Personalized Report Generation Tool

### ► Standard Formats and APIs (Kafka and REST)

### ► Easy Integration Upstream (Sensors) or Downstream (Platforms)

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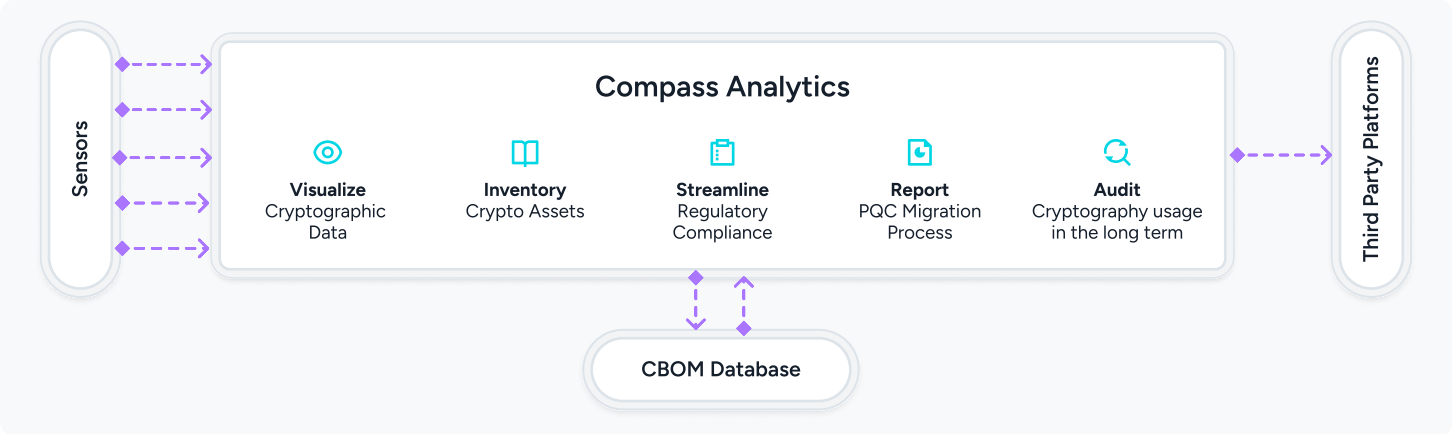
### ► Unified CBOM Database (Standard Format OWASP CycloneDX)

### ► Focus on Security with Hardened OS, Secure Boot, TPM Key storage, Secure communication channels, Code signing and Authentication

### ► 1U Rack-mounted Appliance

# Key Benefits

- Single pane of glass for comprehensive knowledge of effectively used cryptography
- Open architecture enabling seamless integration of third-party tools, fostering a broad ecosystem of solutions around CryptoNext COMPASS Analytics
- PQC migration accelerator with the help of data visualization, inventory and reporting capabilities
- Compliance enabler with decision support tools for evaluating regulatory adherence with a wide array of sectorial and regional regulations
- Long-term support for cryptographic asset auditing



# Specifications

Security	
Software security	Hardened Operating System
	Secure Boot
	Software integrity checks
	Authentication by Certificate
Communications	Quantum-safe TLS 1.3
Integration	
Deployment	First connection: Requires new password from admin and a X.509 Certificate
Integration with third party tools	Upstream (sensors): Rest API and Kafka API
	Downstream (plugins): REST API
Webapp	
Supported Browsers	Chrome, Safari, Firefox
Authentication	Yes
Maximum Number of Users	10
Data Visualization Options	Table, Network, Map, Histogram, Pie Chart
Exports	JSON or CSV format
Reporting	PDF Generation
Management	
Log	Syslog
Secure Remote Access	Via Quantum-Safe TLS 1.3
	Exposed REST API
Synchronization	NTP

## Ordering information

The CryptoNext COMPASS Network Probe can be ordered under the following reference: C\_QSD\_NTKP\_01

CryptoNext Security enables organizations to implement a quantum-resistant, crypto-agile strategy thanks to its comprehensive product offering that provides both the remediation technology and the expertise required for each phase of any post-quantum migration project.