

‘Low-Touch’

Executive Brief for
PQC Readiness Assessment

What is Internal Discovery?

Venari Internal Discovery is a ‘low-touch’, post-quantum cryptographic discovery and readiness solution that identifies encryption vulnerabilities across your internal environment — including IPs, domains, and subdomains — with nothing to deploy by leveraging existing Third-Party Service Provider connections.

The Problem

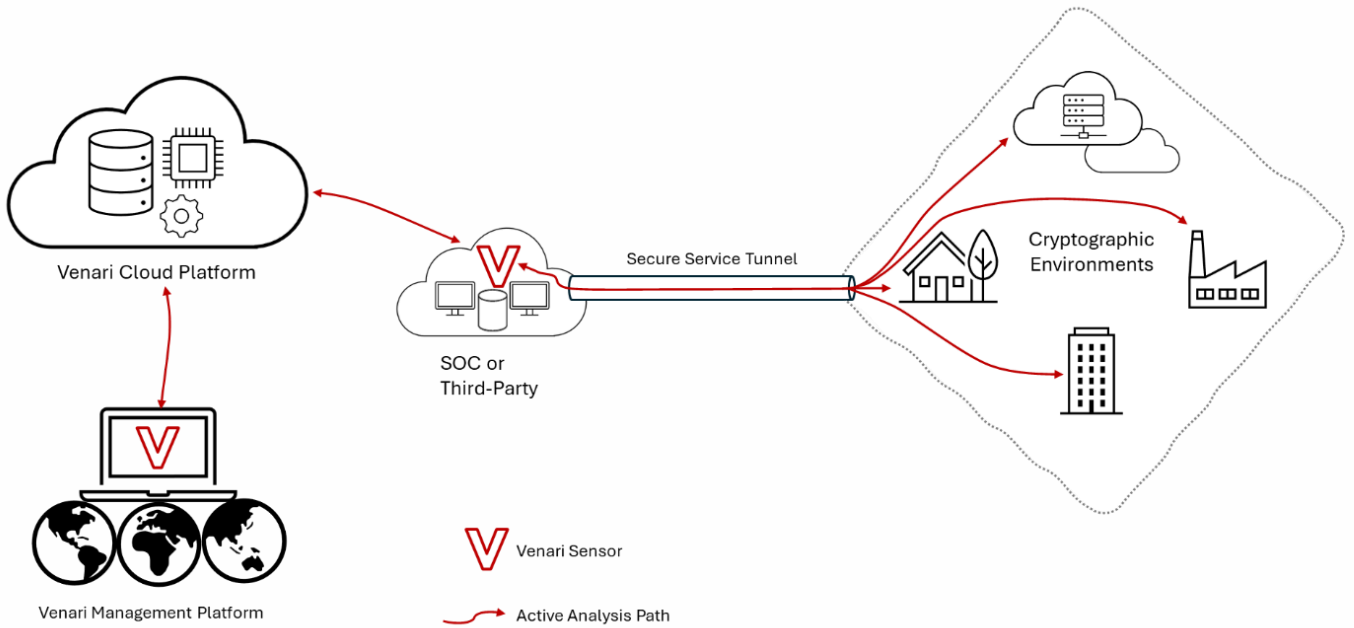
Most organisations have zero visibility into their external cryptographic assets rogue subdomains, expired certificates, and quantum vulnerable algorithms exposing them to breaches, compliance violations, and post-quantum threats. Traditional discovery tools require agents, code analysis, or network modifications, creating deployment friction, coverage gaps, and costly delays.

How Internal Discovery ‘Low-Touch’ Works

Venari Internal Discovery assesses internal domains and IPs through a secure remote connection without deploying any additional systems. It actively analyses TLS/SSH/IPsec handshakes to build a live cryptographic map. Venari’s AI engine instantly flags risks, auto-generates CBOMs, and delivers complete visibility in minutes, not months providing details remedial guidance to analysts and high-level reports for management.



Leveraging Secure Remote Connectivity



Product:

Low-touch sensor



Deployment time:

<6 hours



Coverage:

100% of internal encrypted traffic + targeted crypto assets.



Decryption:

Zero data. Zero privacy impact.



PQC score:

in <30 minutes.



Auto-mapped:

NIST, PCI, HIPAA, DORA, NCSC-NL, GDPR.

The Crypto' Blind Spot

Legacy Data Centres



Unknown Ciphers & Protocols

Cloud VPCs



No Span-Port Mirroring

Branch & IoT



Unknown Ciphers & Protocols

M&A Networks



Zero Baseline



contact@venarisecurity.com



venarisecurity.com



How Internal Discovery Works

1

Deploy in Minutes

Our sensor, hosted by a Third-Party Service Provider connects into any environment—on-premises, cloud, or third-party data centers.



2

Leverage Existing Infra

Redirect your current SPAN, TAP, or ERSPAN ports toward the Third-Party Service Provider sensor. Zero network reconfiguration required.



3

Comprehensive Discovery

Active assessment of TLS, SSH & IPsec across all reachable assets, plus real-time traffic analysis for complete coverage.



4

Real-Time Intelligence

In-memory processing delivers instant visibility into your cryptographic posture. See vulnerabilities immediately.

The Result: Complete Cryptographic Visibility

- ✓ Discover weak encryption before attackers do
- ✓ Track certificate health across all environments
- ✓ Prepare for post-quantum cryptography today

**No network changes. No data exposure.
No performance impact.**



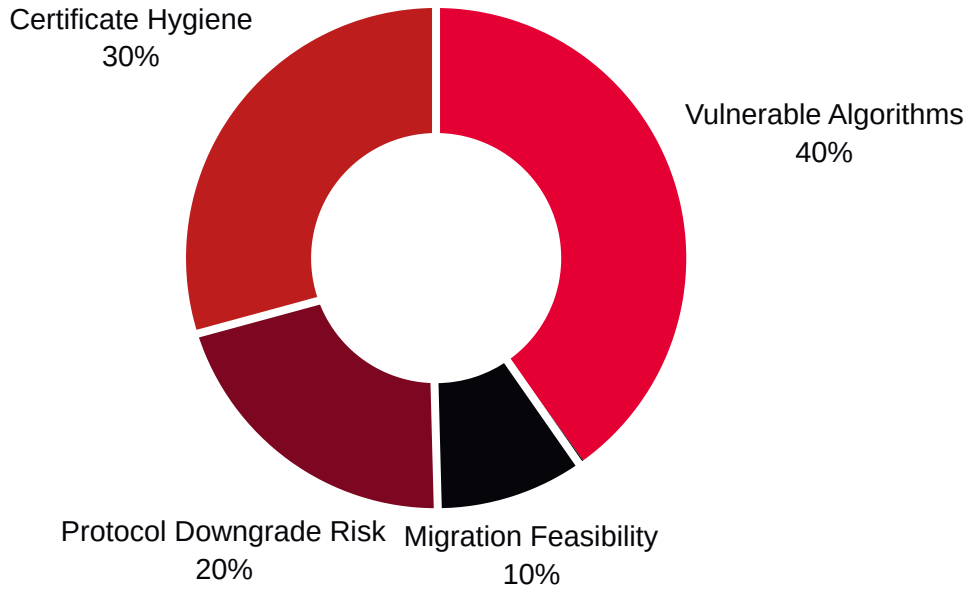
contact@venarisecurity.com



venarisecurity.com

VENARI
SECURITY

Core Deliverables



Venari Internal 'Low-Touch' Discovery instantly categorises your external cryptographic risks: quantum vulnerable algorithms, certificate hygiene issues, protocol downgrade vulnerabilities, and post-quantum migration challenges.

Complete visibility for prioritised remediation and compliance readiness.

Solution Summary

Embrace Venari as your cryptographic observatory.

With a low-touch deployment, you gain:



**Real-Time
CBOM**



**0-100 PQ
Readiness**



Drift Alerts



**Plain-English
Board Reports**

No Agents. No Inline Appliances. No Decryption.



contact@venarisecurity.com



venarisecurity.com

VENARI
SECURITY