

# TYCHON

## Quantum Readiness Product Sheet

In 2022, the White House signed into law the Quantum Computing Cybersecurity Preparedness Act. This law requires agencies to prepare now to implement Post-Quantum Cryptography (PQC). Specifically, government agencies must maintain an inventory of all information technology in use that is vulnerable to PQC. The TYCHON Quantum Readiness Module is an add-on module designed specifically to help agencies meet the requirements of this law. The module delivers 1) a comprehensive inventory of cryptographic systems and 2) a prioritized inventory of vulnerable information systems.

### Risk Management



Signing  
Certificates



Certificate  
Files



Encryption  
Libraries



Listening  
Services



Web  
Services



Root  
Certificates



User  
Certificates

Take advantage of TYCHON's multiple data sources to collect valuable cryptographic system datasets. Use these sources to track all certificates in the certificate store, investigate Web Browser applications, and identify soft certs, services hosting TLS/SSL certificates, web service encryption methods, and more.

Comprehensive &  
Actionable Inventory  
of Cryptographic  
Systems

## TYCHON Benefits



### IDENTIFY

Rapidly gather, **inventory**, and **prioritize** cryptographic systems to include applications, files, and connections.



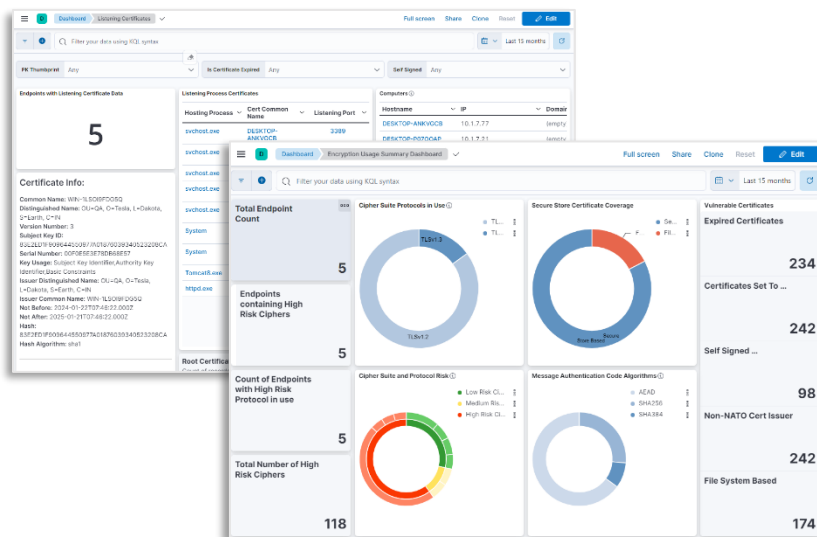
### ACT

Customize, manage, and enforce policies to address your most vulnerable assets first.



### MONITOR

Continuously monitor endpoints to identify **cryptographic status** for reporting and taking action.



- ▶ Track certificates by algorithm type.
- ▶ Identify countries of origin for certificates.
- ▶ Quickly detect expired certificates.
- ▶ Calculate certificate ages to identify your most vulnerable certs.
- ▶ Filter and search based on host, keywords, file types, and more.

Post-Quantum Computing is coming...

**Are you ready?**

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