

# TYCHON

## Quantum Readiness Product Sheet

In 2022, the White House signed into law the Quantum Computing Cybersecurity Preparedness Act (H.R. 7535). 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. Comprehensive inventory of cryptographic systems
2. Prioritized inventory of vulnerable information systems.



### Risk Management



Signing  
Certificates



Certificate  
Files



Encryption  
Libraries



Listening  
Services



Web  
Services



Root  
Certificates



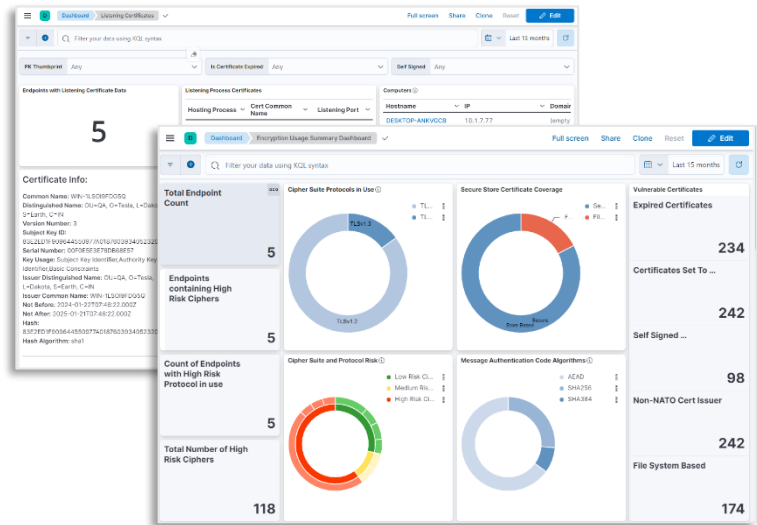
User  
Certificates

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.
- Identify soft certs, services hosting TLS/SSL certificates, encryption methods, and more.

## Capabilities

- ▶ 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.



### 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.



Comprehensive &  
Actionable Inventory  
of Cryptographic  
Systems

