


TYCHON Product Overview

Take Action with TYCHON


Thank you for downloading this TYCHON product overview! Carahsoft is the public sector distributor for TYCHON solutions.


To learn how to take the next step toward acquiring TYCHON's solutions, please check out the following resources and information:


 For additional resources:
carah.io/TYCHONResources

 For upcoming events:
carah.io/TYCHONEvents

 For additional TYCHON solutions:
carah.io/TYCHONProducts

 For additional Cybersecurity solutions:
carah.io/Cybersecurity

 To set up a meeting:
TYCHON@carahsoft.com
844-445-5688

 To purchase, check out the contract vehicles available for procurement:
carah.io/TYCHONContracts

TYCHON

PRODUCT OVERVIEW

CONTACT US

web: tychon.io

email: info@tychon.io

TYCHON is an advanced endpoint analytics and remediation platform designed to be the 'gold source' for enterprise endpoint data. TYCHON provides complete **Enterprise Endpoint Asset Visibility**, **Automated Continuous Endpoint Monitoring (ACEM)**, dynamic **Cyber Hygiene Dashboards**, and enterprise query and response to its customers at unparalleled speed and scale.

TYCHON's automated Cyber Hygiene Dashboards deliver instant visibility of critical cyber security situational awareness and policy violations in vital areas to include privileged users, Web PKI/authentication and DMZ, asset inventory, system authorization, security services, patching, and overall organizational software compliance.

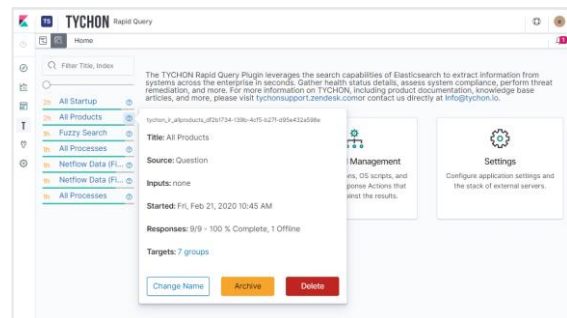
TAKE ACTION WITH TYCHON

TYCHON's unique features address your security needs:



TYCHON ENDPOINT ANALYTICS & REMEDIATION PLATFORM

Eliminate blind spots, expose risks, and protect your network through real-time monitoring, historical data tracking, and Rapid Query features.



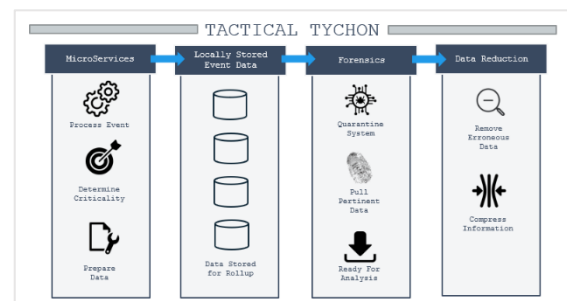
CYBER HYGIENE DASHBOARDS

Interactive, pivotable dashboards which display enterprise metrics with data export capabilities. Instant visibility of critical cyber security violations and a centralized view of vital security areas.



TACTICAL TYCHON FOR DOD

For DoD deployed forces, operates in disconnected, intermittent, and limited (DIL) environments. Achieves complete control with customizable real-time data feeds, configurable events, and flexible asset management.



KEY FEATURES

TYCHON SENSOR

Lightweight agent built on a Micro Service engine framework designed to optimize integration with other third-party security vendors and provide superior data quality. Capture thousands of attributes per endpoint and fulfill use cases, such as systems management, cyber hygiene, and more.

- ▶ Logins, Permissions, & Users
- ▶ File Meta Data & Integrity
- ▶ Installed Software & Settings
- ▶ Digital Signatures & Certificates
- ▶ Licenses, Drivers, & Versions

MESH MODEL

Instantly query up to a million endpoints. Unique TYCHON components, such as Data Management Node (DMN), File Distribution Center (FDC), Dispatcher, and Orchestrator, are built for scalability and fast query response times.

- ▶ Deploy Patches
- ▶ Update OVAL / CVE Definitions
- ▶ Retrieve Files for Forensics
- ▶ Device Hardening
- ▶ Reducing Attack Surface

OPEN ARCHITECTURE

TYCHON is built on an open, flexible framework with embedded micro services built using a Client-Server Model with an integrated FIPS 140-2 compliant journal for endpoint data capture. Our custom designed compression algorithm allows data to be sent securely and quickly in any type of network condition, even with low bandwidth restrictions.

- ▶ Open, Flexible API Framework
- ▶ Embedded Micro Services
- ▶ Client-Server Model
- ▶ Data Roll-up
- ▶ Cloud / Hybrid / On Premise
- ▶ Low Bandwidth / Disconnected
- ▶ Best In Class Technical Partners

RAPID QUERY

Instantly respond to a new threat or IOC, from any vendor, by executing a cleanup, AV update, and services status check across all connected endpoints in a matter of seconds. Accepts both plain English text and full regular expression (REGEX) queries, and employs fail safe measures to guarantee fast and reliable content delivery.

- ▶ Flexible Endpoint Targeting
- ▶ One-Click Response Actions
- ▶ IOC Searches
- ▶ Trace
- ▶ Memory Analysis & Forensics
- ▶ Two Person Integrity

TYCHON JOURNAL

Fully indexed record from every endpoint. Continuously monitor and record endpoint and server activity for near-instant identification of threats – present or past – and the complete view of an incident, root cause analysis, and tracing of network propagation.

- ▶ Master Endpoint Record
- ▶ FIPS 140-2 Compliance
- ▶ Historical Data
- ▶ Historical Running Processes
- ▶ Fuzzy Hash
- ▶ Netflow & DNS History

DYNAMIC DASHBOARDS

Interactive dashboards, which display real-time enterprise compliance metrics for up-to-date situational awareness of network risk. Vital reports with details on privileged users, web server compliance, asset inventory, system authorization, required security services, patching, and overall organization software compliance.

- ▶ Continuous Comply 2 Connect
- ▶ Cyber Hygiene
- ▶ Compliance Validation
- ▶ Resource Utilization
- ▶ Strong Authentication
- ▶ Zero Trust

TYCHON COMMUNICATOR / END USER ENGAGEMENT

Close the gap between detection and response with a direct line of communication from the incident responder to the desktop of end users using the TYCHON Communicator platform.

- ▶ Displays Persistent Banner
- ▶ Send Custom Messages
- ▶ Outlook Searching
- ▶ User Created / Connected Shares