



# SECURE ENTERPRISE BROWSERS:

A New Element in The  
Recommended Path Forward for  
Sheriffs & Their Partners?

**NSA CYBERSECURITY & CRIME WORK GROUP**

**Meeting of December 21, 2023**

**Dennis Kelly, Esq., Vice Chair**

# Enterprise Browsers: A Report of VDISEC.com

- New Enterprise Browsers not covered in Dec. 2022 NSA Cybersecurity Path Forward Work Group Report
- VDISEC.com Enterprise Browser Report published at <https://medium.com/@VDIHacker/enterprise-browser-battle-v1-0-march-2023-961d89093c47>
- About VDISEC, see <https://www.vdisec.com/about/>
- In its Report, VDISEC.com did not report any Affiliation with Talon or Palo Alto Networks, or with any other Enterprise Browser

# A New Product Category: A Report of VDISEC.com

- New Enterprise Browsers not covered in Dec. 2022 NSA Cybersecurity Path Forward Work Group Report
- A New Product Category: the Enterprise Browser.
  - “a special web browser for business use”
  - “provides advanced security controls and auditing capabilities not found in popular ‘consumer’ browsers like Chrome, Safari, and Edge”

# “Battle of the Enterprise Browsers”


- VDISEC Report Analyzes Three Enterprise Browsers
- [Citrix Secure Private Access](#) from Tibco Software\Citrix,
- [Google Chrome Enterprise](#) from Google, including [BeyondCorp Enterprise](#), and
- [TalonWork](#) from Talon Cyber Security

# VDISEC Report Enterprise Browser Rankings

## Rankings Based on

- Browser Audit Results &
- Security Feature Rank, Including Delivery & Integration, Browsing Controls, Data Leak Prevention, Threat Prevention, Endpoint Filters, Extension Controls, Advanced Browser Options,
- Final Score Summary Follows (next slide)

# Reported Results

| <b>Browser Security Feature Scores - March 2023</b>   |              |              |             |
|---|--------------|--------------|-------------|
|  <b>VDISEC</b><br>@VDIHacker | <b>Score</b> | <b>Grade</b> | <b>Rank</b> |
| <b>Citrix Secure Private Access</b>   | 79.7         | C+           | 3           |
| <b>Google Chrome Enterprise</b>   | 82.8         | B-           | 2           |
| <b>Talon Cyber Security</b>   | 93.0         | A            | 1           |

# Bottom Line

- Enterprise browsers offer security controls and auditing capabilities that aren't found in consumer oriented browsers
- Enterprise browsers can defend against malware, data leakage, and other threats
- Enterprise browsers are easier and less expensive to deploy and support than a traditional VDI-delivered browser
- More Enterprise Browser Analyses to follow: VDISec requests audience suggest features/issues for future analysis

# Suggested Path Forward For Work Group

- Independent Work Group Analysis of Secure Enterprise Browsers
  - Solicit participation interest from Members
- Monitor published analyses
- Consider Whether to Edit and Publish Revision to NSA, THE RECOMMENDED PATH FORWARD ON CYBERSECURITY FOR SHERIFFS & THEIR PARTNERS (Dec. 2022)
- Further Discussion, Next Work Group Meeting



