

Welcome OWASP Portland Chapter Members

Get Ready to Explore the Next Frontier of Software Protection and Security Assessment with True Positives.

Members of True Positives have been at the forefront of software security test automation and instrumentation for decades. Our commitment to fortifying application security while maintaining cost-effectiveness remains unwavering.



This dedication is fulfilled, in part, by our sponsorship and close collaboration with OWASP Penetration Testing Toolkit ("PTK"), a successful OWASP Foundation Incubator Project. We've harnessed the power of web browsers to enhance software security testing, improving upon open-source OWASP PTK for unparalleled protection from browser-based vulnerabilities.

It is in the spirit of our tireless pursuit of offering the world effective and affordable security solutions, we proudly introduce PTK+ as an innovative upgrade to OWASP PTK beginning with advanced rules and collaboration capabilities.

Visit www.ptk-plus.io for more information.

Discover PTK



Tonights Hosts



True Positives



Denis Podgurskii

Author, OWASP PTK

- OWASP Belfast, IRL Chapter Leader
- Elite AppSec Software Tools Developer
- Accomplished AppSec Professional



Brian Pavicic

CEO of True Positives, LLC.

- Alumni @stake, Symantec, Veracode, Rapid7
- 2+ decades experience with cutting edge AppSec products services and best practices.



True Positives

We're Looking Out for You

Founded: In 2020 by software security pioneers predating the Trustworthy Computing era.

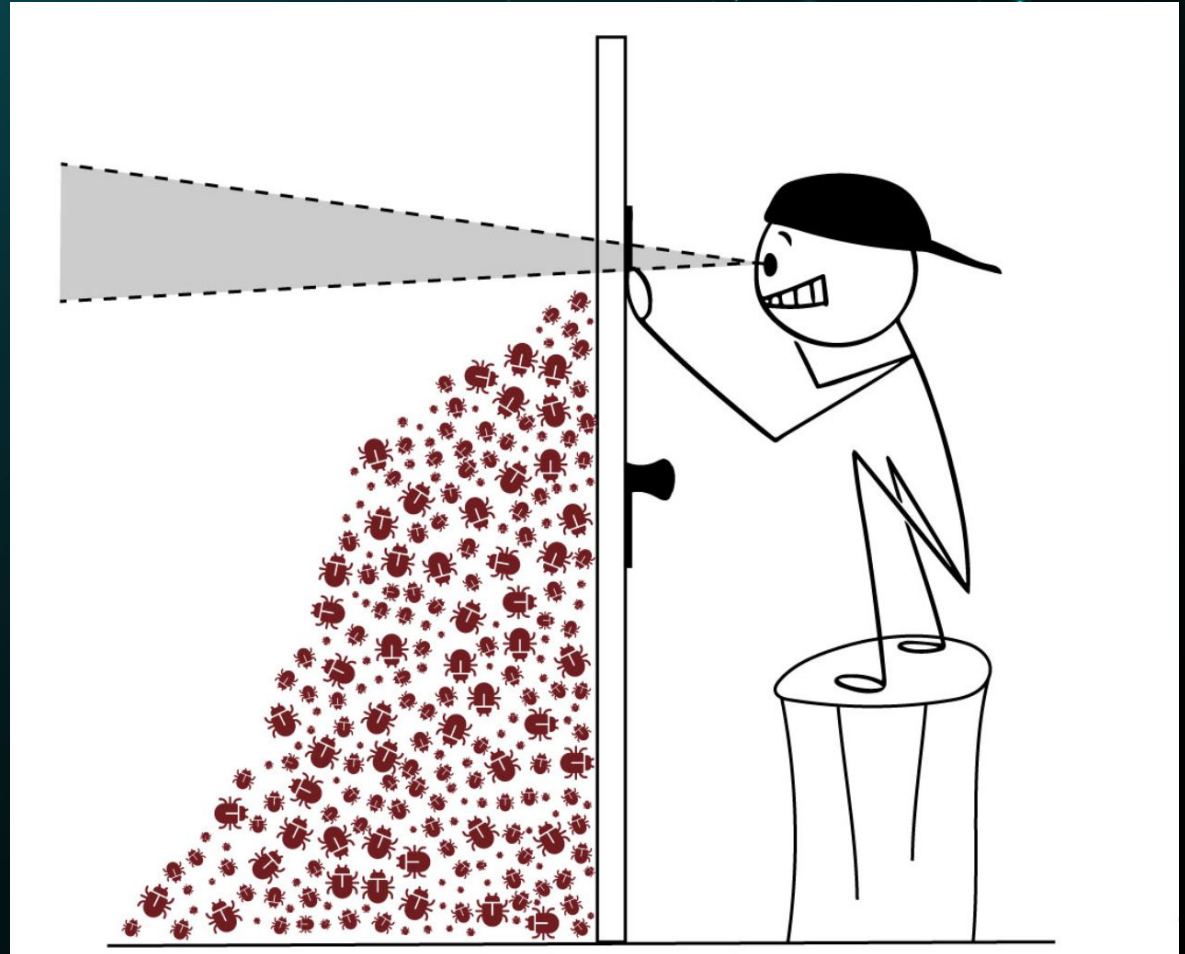
Headquarters: Chehalis, WA

Firm Size: 20 employees

Mission: Support excellence in AppSec with affordable, state-of-the-art solutions and unmatched domain know-how.



**+ In 2023,
despite the
+ industry's
genuine drive
and
unwavering
commitment,
AppSec is still
struggling to
move beyond
half
measures.**



WHAT WE KNOW.

Safeguarding critical software assets is both costly and complex.

Risks and issues can arise quickly.

Expertise is essential to navigate and mitigate these challenges.

WHAT WE DO.

Support clients & the greater AppSec community.

- **Complimentary access to unmatched domain know-how.**
- **Access to reliable freemium & open-source tools.**
- **Budget-smart and prescriptive solution alternatives.**
- **And more.**

Solution Showcase

*An OWASP Foundation
Incubator Project Success Story*

OWASP
Penetration
Testing Kit
(aka PTK)

<https://www.owasp-ptk.io>

TAP INTO THE POWER & PRECISION OF OF BROWSER-ENABLED SECURITY TESTING



OWASP PTK

Penetration Testing Toolkit

- Decade of Refined Craftsmanship
- Engineered by Masters of the Trade
- 20,000+ Downloads and Still Counting




PTK+

Performance Add On

- Boosts PTK Performance
- Extends PTK Usability

Browser extensions (add-ons)

Extensions, or add-ons, can modify and enhance the capability of a browser. A browser extension is something like a plugin for your browser that adds certain functions and features to it. Extensions can modify the user interface or add some Web service functionality to your browser.



Help test the new
Chrome Web Store
in Preview

Try out the new experience →

[« Home](#)

☐ Extensions

☐ Themes

Ratings

☐ ★★★★★



☐ ★★★★★ & up

☐ ★★★★★ & up

☐ ★★★★★ & up

Extensions ⓘ

More extensions




OWASP Penetration Testing Kit

pentestkit.co.uk

OWASP Penetration Testing Kit

★★★★★ 15 Developer Tools



Moesif Origin & CORS Changer

www.moesif.com
























This plugin allows you to send cross-domain requests. You can also override Request Origin

★★★★★ 185 Developer Tools

Browser Extensions for Security Teams

21 Top Hacking Extensions for Chrome -

<https://cyberexperts.com/21-top-hacking-extensions-for-chrome/>

	Wappalyzer	▼		HackBar	▼		Port Scanner	▼
	Cookie Editor	▼		Easy XSS	▼		D3coder	▼
	Shodan	▼		Cache Killer	▼		Exploit Database	▼
	iMacros	▼		Proxy SwitchySharp	▼		Request maker	▼
	Site spider	▼		Tamper Data	▼		Click and Clean	▼
	Domain and IP address in...	▼		Ghostery	▼		HTTPS Everywhere	▼
	LastPass	▼		Note Anywhere	▼		uBlock Origin	▼
	HPP Finder	▼		Websecurify	▼			

Browser Extensions for Security Teams

- ❑ Reconnaissance
 - ❑ The idea is to collect as much interesting information as possible about the target.
- ❑ Weaponization
 - ❑ During this stage, the attackers develop specific payloads to exploit the vulnerabilities identified during reconnaissance.
- ❑ Exploitation/Attacking
 - ❑ Executing actual attacks against the target.

OWASP PTK story



1. PTK was born in 2017, released in 2018
2. The first release was more about reconnaissance - what is the technology stack, API, frames, IPs, etc
3. Then recording and MFA bypass features were added that helped us to solve of the biggest problem with the DAST solution at Rapid7
4. Next step was to build a tool that can make the application security job easier - decoder, swagger, array of attacks for R-Attacker and R-Builder
5. Now it can be a part of you automated testing - Selenium is fully supported, Cypress and Playwright - beta release

Learn More: <https://bit.ly/3QnqNqi>

Browser extensions for security teams



OWASP PTK DEMO

		
Rules & Policies		
Vulnerability checks	✓	✓
Expanded vulnerability checks	✗	✓
Recon & Testing		
Executes modified HTTP requests without JavaScript validation and sequence reconfig with HAR file output	✓	✓
Handles authentication with normal user sessions - MFA/Captcha bypass via macro and traffic recording bootstrap auth	✓	✓
Repeat a request or send an attack using traffic log detail	✓	✓
Inspects technology stack, security headers, crawled links & domains	✓	✓
Vulnerability Management		
Dashboard	✓	✓
Cloud storage (2 GB)	✗	✓
View multiple scan results at once	✗	✓
Access data from any device	✗	✓
Collaborate with your team	✗	✓
Integration		
Chrome, Firefox & Edge compatability	✓	✓
User Support		
Email support	✓	✓
Live community support via Slack	✗	✓



www.true-inspect.com

Ready for the future of AppSec testing?

Try True-Inspect.com by True Positives.

***Use our no-cost entry tier for speedy,
trustworthy vulnerability scans and report
verification on demand.***



True Inspect

By True Positives

STANDARD

APPSEC VULNERABILITY REPORT

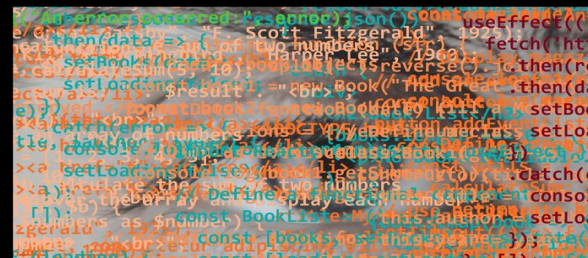


True Inspect

By True Positives

PRO

APPSEC VULNERABILITY REPORT



Thank you.



True Positives

Your AppSec Ally

www.true-positives.com

Questions?

techsupport@owasp-ptk.io

Get the Presentation.

<https://bit.ly/3tAnLWN>

Get in Touch.

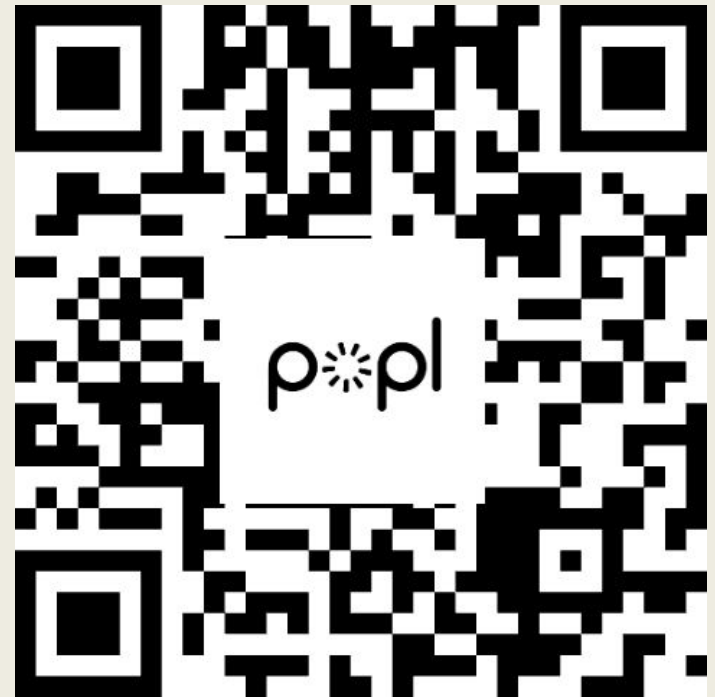


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www.true-positives.com

Contact **Brian
Pavicic** for
complimentary
expert AppSec
advice, tools &
more.



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