






WelcomeSecurity
Security Sidekick to your Developers

Stop doing software security wrong - **do it right!**

– Cloud Native Denmark, October 7th – 8th, 2025

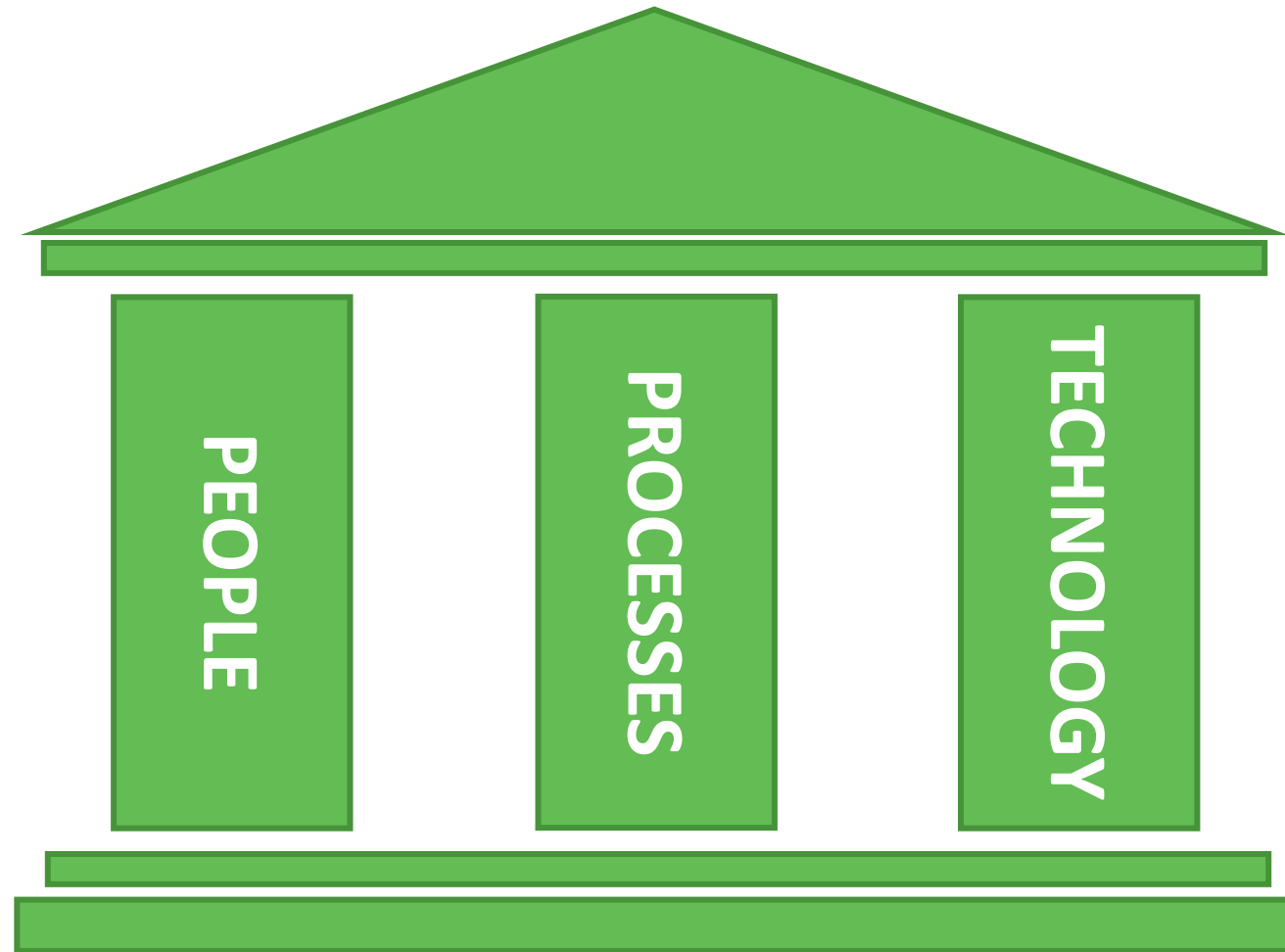
Thomas Ljungberg Kristensen

1996	Aarhus University, Master of Computer Sciences Cryptographical Protocol Theory	
2003	Systematic, Systems Engineer	
2007	Danske Bank, Developer	
2012	Kamstrup, Systems Engineer	
2014	FortConsult (part of NCC group), Senior Security Consultant	

2015 –	<i>WelcomeSecurity, Security Advisor and Owner</i>	
2019 –	<i>OWASP Co-chapter Lead, Aarhus</i>	
2019	Deloitte, Senior Manager	
2020 – 2021	Norlys, IT Security Architect	
2021 – 2021	Amazon Web Services, Senior Security Consultant	



The three pillars



The **technology** must support the **processes**
supporting the **people** achieving their goals.

High impact – low effort

Demo time!

- Software Compositions checks (and Tracking)
- Statics application security testing (code and Infrastructure-as-Code)
- Dynamic application security testing (K8s)
- Cloud Management Interfaces
- Tying it all together!

```
tlk@development: ~/Desktop/source_code/files-defect-dojo$ trivy image ubuntu:latest
2024-11-05T10:59:22.864+0100 INFO Detected OS: ubuntu
2024-11-05T10:59:22.864+0100 INFO Detecting Ubuntu vulnerabilities...
2024-11-05T10:59:22.881+0100 INFO Number of language-specific files: 0
```

ubuntu:latest (ubuntu 22.04)

Total: 109 (UNKNOWN: 0, LOW: 53, MEDIUM: 54, HIGH: 2, CRITICAL: 0)

The image shows the Prowler logo at the top, followed by the text "Prowler SaaS and Prowler Open Source are as dynamic and adaptable as the environment they're meant to protect. Trusted by the leaders in security." Below this is a link to "Learn more at prowler.com" and a link to "Join our Prowler community!". The bottom part of the image shows the GitHub repository page for Prowler, displaying various statistics such as "prowler downloads 425/week", "docker pulls 3.7M", "image size 281 MB", "repo size 96.4 MB", "issues 35 open", "release v4.4.1", "release date October", "contributors 287", "license Apache 2.0", and "Follow @stonsilys".

<https://github.com/prowler-cloud/prowler>

The image shows the GitHub repository page for DefectDojo, specifically the "django-DefectDojo" repository. It displays the README, BSD-3-Clause license, and Security sections. The main content area shows the "DefectDojo" project with a "Open Source Security Index" badge and various statistics. The bottom part of the image shows a table of "Metrics" with columns for "Critical", "High", "Medium", "Low", and "Info" vulnerabilities, and a "Languages" section with a pie chart.

<https://github.com/DefectDojo/django-DefectDojo>

ubuntu:latest (ubuntu 24.04)

Total: 19 (UNKNOWN: 0, LOW: 7, MEDIUM: 12, HIGH: 0, CRITICAL: 0)

Library	Vulnerability	Severity	Installed Version	Fixed Version
coreutils	CVE-2016-2781	LOW	9.4-3ubuntu6	
dpkg	CVE-2025-6297		1.22.6ubuntu6.1	1.22.6ubuntu6.5

The image shows a screenshot of the DependencyTrack dashboard. The top navigation bar includes "Home / Dashboard". The main content area features two summary cards: "114 Portfolio Vulnerabilities" and "2 Projects at Risk". Below these is a line chart showing a trend over time. The bottom part of the dashboard shows a "Portfolio Vulnerabilities" section with a "Last Measurement: 6 Oct 2025 at 22:24:12" and a "100" score.

<https://dependencytrack.org/>

Software
Composition
Analysis (SCA)

or

Software Bill of
Material (SBOM)





tlk@development: ~/demo\$

trivy image ubuntu:latest



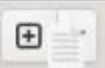
tlk@development: ~/demo\$

trivy image alpine:latest



tlk@development: ~/demo\$

```
trivy image mcr.microsoft.com/dotnet/runtime:8.0
```

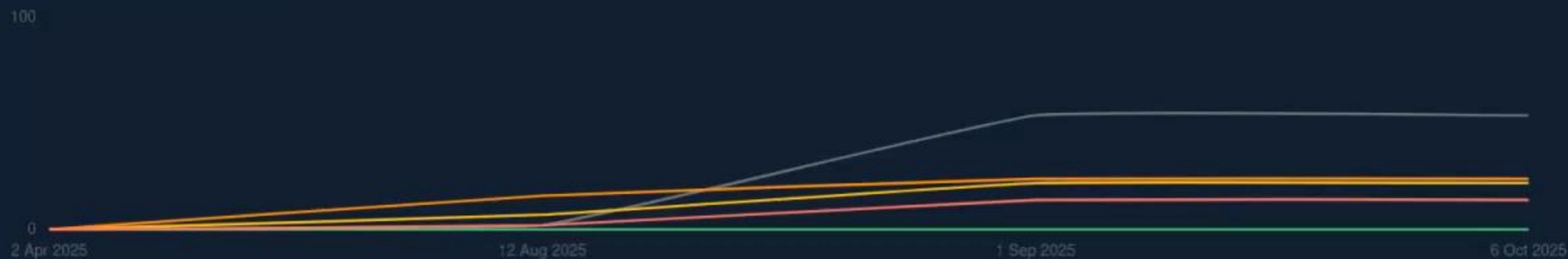


tlk@development: ~/Desktop/source_code/juice-shop\$

cyclonedx-npm

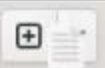


Last Measurement: 6 Oct 2025 at 22:24:12



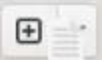
A person is shown from the chest up, looking at a computer screen. The screen displays lines of code in various colors (blue, green, red) on a dark background. A magnifying glass is held over the screen, focusing on a specific line of code. The text "Static Application Security Testing" is overlaid in the center of the image.

Static Application Security Testing



tlk@development: ~/Desktop/source_code/juice-shop\$

semgrep . -- config auto

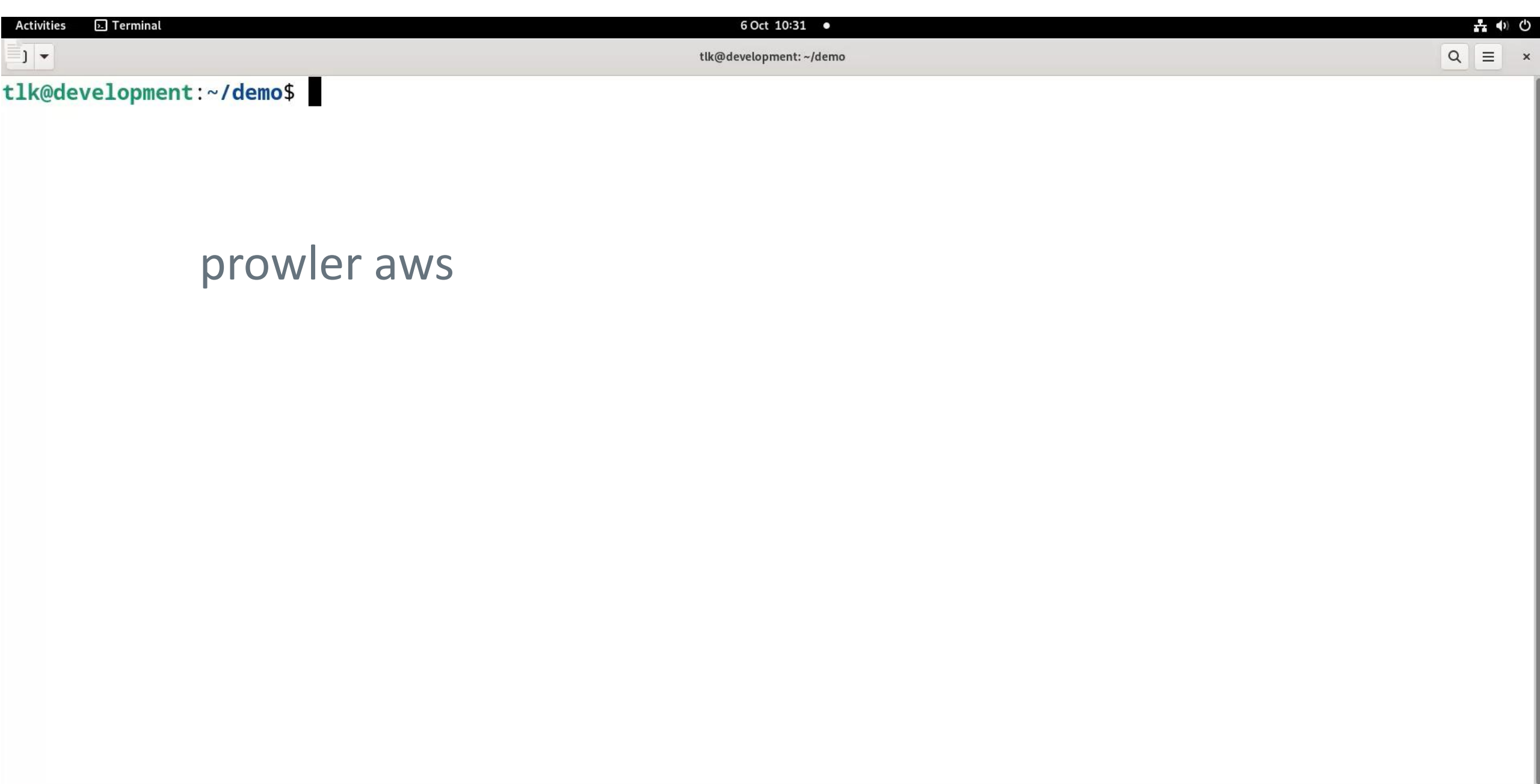


tlk@development: ~/Desktop/source_code/aws-cloudformation-templates/EKS\$

semgrep . -- config auto

Dynamic "Application" Security Testing





Kube-Bench

```
aws | [grid icon] | Q eks | X | [terminal icon]
```

CloudShell

eu-central-1 | +

```
~ $ kubectl apply -f https://raw.githubusercontent.com/aquasecurity/kube-bench/main/job-eks.yaml
```

```
~ $ kubectl logs kube-bench-2wpd4
[INFO] 2 Control Plane Configuration
[INFO] 2.1 Logging
[WARN] 2.1.1 Enable audit Logs (Automated)

== Remediations controlplane ==
2.1.1 audit test did not run: No tests defined

== Summary controlplane ==
0 checks PASS
0 checks FAIL
```

```
0 checks INFO

== Summary total ==
12 checks PASS
1 checks FAIL
33 checks WARN
0 checks INFO
```

```
~ $ [terminal icon]
```

Feedback

Tying all together

DEFECTDOJO


Platform ▾

Pricing ▾

Open-Source ▾

Resources ▾

Company ▾

Login 

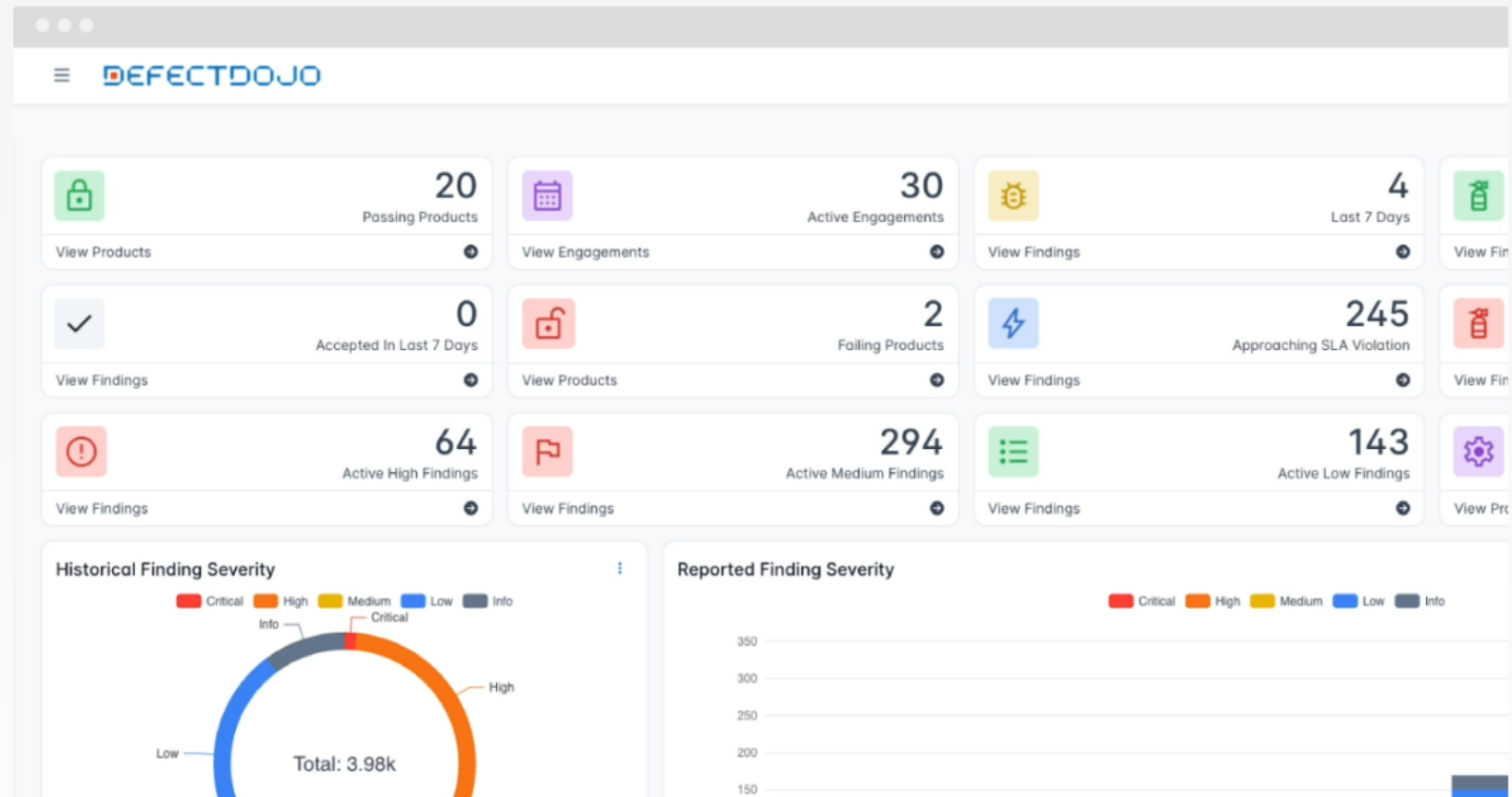
Book a Demo 

 Platform

Vulnerability Management that Works

Give your security team superpowers.
Transform security into a business enabler,
saving time and money while preventing
potentially devastating breaches.

Get Started →



<https://defectdojo.com/>





WelcomeSecurity
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Thanks!

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