



TRUFFLE
SECURITY CO.

Cmd takes control of their secrets with TruffleHog to eliminate “smoldering fires”

Cmd (acquired by Elasticsearch, Inc.) is purpose-built for Linux infrastructure, delivering best-in-class security that’s easy, intuitive, and fully integrated into modern DevOps workflows. Cmd partners with Truffle Security for secrets detection by including TruffleHog as part of their developer’s modern tool stack.



The challenge

The goal of every enterprise organization is to keep their data and organization safe and secure—Cmd is no different. Because Cmd's distributed development team is working at a rapid pace, it is not uncommon for the secret key securing the data to leak out across GitHub, Slack, Jira, and Slack. As a result, Cmd wanted to:

- **Goal 1:** Eliminate and prevent secret key exposure
- **Goal 2:** Implement/institute/establish a consistent shift-left approach
- **Goal 3:** Reduce noise and distraction with false positives

Mistakes happen

In reality, sometimes mistakes happen. When working with sensitive information, building a reliable and mature security system, specifically from a secrets standpoint, was very important to the Cmd team (CSO). Anyone starting a security company has two things on their mind: their **brand** and their **reputation**. This is why they evaluated and decided to purchase the Enterprise TruffleHog solution—**“it was out of necessity.”**

“We knew that there was a ton of exposure that was possible through the software that we were building. Secrets being injected into our codebase were inevitably going to happen. We had a ton of developers building a lot of software and we were moving super super fast. When you move fast, mistakes happen.”



One of a kind success story

Cmd understands that leaks are going to happen, and after evaluating TruffleHog's integrations with Cmd's current tool stack (Slack, Confluence, Jira, Github), Cmd saw immediate value in the live secrets that were unearthed.

Since Cmd's team were moving at lightning speed, and had a rather new fully-remote team, they understood that a secrets detection solution was a necessity. TruffleHog offered Cmd the ability to stop these leaks from the point of creation from the developers standpoint. Further, TruffleHog's ability to seamlessly integrate with Cmd's current workflow through notifiers and automatic scans, meant that this busy team could quickly remediate any live secret that TruffleHog discovered.

Cmd is a champion of the open-source community. Therefore, the fact that TruffleHog is an open-source secret scanning engine was very appealing to Cmd. The transparency, community enhancements, and trust that open source delivers was a driver in their decision to implement TruffleHog.

Now, with TruffleHog in place, Cmd is reducing the number of exposed secrets without adding unwanted noise to their developer's workflow because TruffleHog works in the background.

Cmd has found that TruffleHog has freed their team from dealing with manually searching and remediating secrets on an ad hoc basis because they automatically get alerted when a live secret is found. They no longer find a secret in Slack and think to themselves "why didn't I deal with that six months ago?". Instead, they have TruffleHog notifications set up, allowing them to **optimize and effectively operationalize**. When a live secret is verified, it will notify the individual who leaked the secret, so that individuals can go in and rotate the secret (**shift-left!**). This allows Cmd's team to focus on their most important tasks and on building a first-in-class security product.



An elevated security posture

Finally, an unexpected value that TruffleHog has helped Cmd achieve is when clients ask questions about their security posture. They are now able to tell their clients that TruffleHog is a control that they have in place. They are able to provide scan results and reports to their clients, and even are able to tell their auditors that they have TruffleHog in place for these controls.

“TruffleHog is seamless. It has implemented a great usability component around what is a pretty complicated to use open tool set. And what makes this great is I don’t need to think about it. I get a notification in slack when I need to do something and we are able to resolve the alerts when we need to. This is Elegant Security Design - the less I have to do long term, and the more that system can just operate in a relatively standalone manner to go and give me what I need, the better it is. TruffleHog does the job.”