HoneyTrace

Case Study

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WorldStack Helps Australian Government Department Protect Their Key Data Assets with HoneyTrace

Business Challenge

The customer is a medium sized federal government department in Australia. They have over 300 employees and manage sensitive information related to government employees.

The incoming CIO wanted to improve the organisations ability to detect and respond to data breaches where an attacker was able to circumvent their internal security controls.

How We Helped

WorldStack's HoneyTrace software provides a cloud-based platform to automate the monitoring of external data sources in order to detect data breaches.

The customer's most important data asset was a database that held information related to insurance claims made by government employees. We worked with the customers Chief Data Officer and IT Security Lead to generate and deploy honey tokens that could be inserted into that database.

The honey token was inserted into the database via the application front end, to avoid interruption to upstream or downstream applications. Once the

token was inserted, the token was activated on the HoneyTrace platform and monitoring of online data sources commenced.

We worked with the customer's managed security service provider to integrate the HoneyTrace product into their existing security monitoring and response capability via the API, so that the customer was able to receive near real time alerts directly into their SIEM.

A monthly report was developed to provide the customer with insights into what data sources were being searched and what data assets were being protected.

Key Benefits

Increased assurance

By having a solution that is proactively monitoring for signs that their key data asset had been compromised, the CIO felt more confident that they would be able to detect and respond to a security incident sooner if an attacker was able to circumvent their internal security controls.

Easy to deploy

Because the system did not require any equipment or software to be installed, there were no lengthy change control processes to navigate. By integrating HoneyTrace with their existing security monitoring and incident response systems, the customer was able to incorporate the alerting generated by HoneyTrace with the minimum of effort.

Minimal overhead

Since the honey token is unique to the data asset it is deployed to, there is a very low false positive rate in detection. As a result, there was only minimal additional work required by the customer service provider to incorporate the HoneyTrace system into their existing security monitoring and response capability.

About WorldStack

Founded in 2014, WorldStack is a specialist information security provider with a focus on open source intelligence solutions.

We are experts in open source intelligence. Our team of analysts and engineers have extensive experience planning and conducting intelligence operations for private and public-sector clients in Australia and abroad. National security organisations rely on us to train their analysts in intelligence tradecraft.

Our open source intelligence solutions automate the collection, and analysis of data from the surface deep and dark web to generate actionable intelligence at scale. Applications include background screening, data breach detection, security monitoring and fraud detection.

By choosing us, you gain a partner with unrelenting commitment to your outcomes. Our relationship with you is built around understanding your problems and developing solutions that meet your unique needs.

Your success is our success, and nothing makes us happier than helping you solve your challenges.

Turning public data into actionable intelligence.

To learn more about how WorldStack can help you, visit worldstack.net today.