SPYGLASS CLOSES SECURITY GAPS AT AN ARCHITECTURE AND ENGINEERING FIRM

Catapult's security and compliance solution helped an architecture and engineering firm satisfy customer requests for security compliance assessments and surveys.

BACKGROUND

An architecture and engineering firm was looking for a way to improve their security posture using the security tools they already owned in their Microsoft tenant. With customers in the public and private sector requesting security compliance assessments and surveys, the firm needed well defined security procedures to demonstrate a sound and operational security posture. With Catapult's help, the firm's IT team was able to define clear security and compliance procedures that aligned with their business needs. Catapult was able reduce the number of vulnerabilities and strengthen the firm's overall security posture to prevent the possibility of future breaches.

CHALLENGE

The firm's chief information security officer (CISO) and IT team could not always adhere to security compliance assessments and surveys, and they were lacking the time and resources necessary to do an audit of their security landscape. Catapult conducted an Office 365 security assessment, revealing a number of vulnerabilities, including VIP-level users logged in with impossible travel situations, a high volume of end-user phishing attacks and an excess of admin accounts and shared service accounts. Within one week of Catapult's findings, the firm committed to a 3-month Spyglass trial in which

the Spyglass team rolled out advanced Microsoft security features.

The firm was then asked to give an update to their board and senior leadership on the status of their security posture, the future of their security posture and the steps that were being taken to make improvements. Catapult helped the firm's chief information security officer build a progress report in nontechnical terms using Microsoft tools and Spyglass dashboards.

SOLUTION

After conducting an Office 365 security assessment and 3-month Spyglass trial, the firm signed on to Spyglass as a full-time customer. During this time, Catapult worked with the firm to evaluate their existing security and compliance policies, close security gaps and adopt National Institute of Standards and Technology (NIST) 800-53 to satisfy customers in the public and private sector.

Six months after implementing Spyglass, Catapult helped double the firm's Microsoft Secure Score, reduce the number of impossible travel events by 50%, reduce the number of unfamiliar login locations by one third and automatically remediate over 30,000 phishing attempts.

Catapult also helped cut global admin and service accounts by 50%, cut sensitive data stored in Office 365 by one third, cut stale externally shared files by 50% and reduce the number of files being shared with personal emails to zero. Overall, end-user adoption of new security features increased to over 90%.

When the firm's chief information security officer was asked to report on the firm's security posture, he was able to pull key metrics from Microsoft's Security & Compliance Center and Spyglass dashboards to demonstrate, quarter over quarter, incremental and steady progress and give insight into the near-term risk reduction work that was being done.

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