

Investment Firm

Preempting potential threats with greater visibility and proactive controls

Summary

For a long term equity investment firm, reducing risk and maintaining the security of their organization is a top priority. The company has vigilantly built a robust security strategy and was actively looking to stay ahead of the threat. Despite this, having the proper visibility to avoid potential breaches and insider risks was an area of concern.

The Challenge

The organization regularly shares sensitive financial data with clients. To continually stay on top of things, the security team had its work cut out for them. The organization had already deployed a multitude of solutions for detecting malware and protecting the perimeter. However, this amount of detection and protection was not enough to provide the visibility needed to understand what was happening on an individual administrator, user, or endpoint level.

As their Manager of Network Technology explained, lack of visibility and understanding into which users and endpoints presented a risk was an area of focus for them. For example, they needed to understand what accounts were stale or had weak passwords. And gaining a better sense of whether privileged accounts were shared or being used according to best practices was important. “The manual process of following up on incidents and reviewing logs was too time consuming and didn’t provide the level of user or endpoint visibility we required. We wanted to improve our effectiveness with a more active and dynamic solution to stop potential threats and gather continuous insights to help us better understand our changing users and network.”

3 Immediate Benefits

- ✓ Gain network visibility to reduce the attack surface.
- ✓ Ensure that privileged accounts being used consistent with corporate policy.
- ✓ Identification of potential security risk of users and endpoints before they are compromised.

The Solution

The Preempt Platform couples User and Entity Behavior Analytics (UEBA) and Adaptive Conditional Access to proactively protect the firm's organization and reduce risk from attackers and malicious insiders. By learning the behavior of every user including privileged user, system account and endpoint in the network, the Preempt Platform establishes real-time behavior-based policies, user-driven security, risk scoring and fine-grained automated actions to eliminate threats without manual intervention from the security team. Team members also appreciated that the solution was easy to install and provided quick time to value.

"The Preempt Platform delivered immediate value to the team. Within weeks we were able to reduce our attack surface, improve our password strength and correct privileged accounts that had high security risk."

Manager of Network Technology

The Result

Preempt's automated, conditional access solution immediately demonstrated its value for the investment firm. It was installed in less than two hours and within weeks of having the solution installed and learning the users and network, the security team was able to reduce the number of unnecessary and stale privileged accounts as well as correct shared privileged accounts with higher security risk. They were also able to quickly improve the overall strength of passwords among its users. The organization understood that reducing the attack surface was one of the most effective ways to reduce the likelihood of breaches and Preempt helped them do so.

Now, with Preempt, the security team has gained an unprecedented amount of visibility which enables them to automatically preempt possible threats. This is based on a flexible policy that integrates user risk scores, type of threat, type of user and a granular response capability. With Preempt Insights, they gain powerful analytics and real-time visual snapshots of their network for a better understanding of their insecure users and endpoints. This enables them to continuously monitor their security posture and quickly assess which users present the most concern.

Preempt also provides the firm with significant insights of their privileged users, including whether they are complying with corporate security policy, using weak passwords, sharing endpoints and passwords, and more.



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Preempt delivers a modern approach to authentication and securing identity with the market's first solution to deliver Conditional Access for continuously detecting and preempting threats based on identity, behavior and risk. Preempt's patented technology empowers enterprises to optimize Identity hygiene and stop attackers and insider threats in real-time before they impact business.