

PALO ALTO NETWORKS AND IDAPTIVE

Intelligent MFA for Cortex

Key Benefits of the Integration

- Makes it easy to make precise, risk-based access decisions by taking advantage of event-level data from Cortex Data Lake.
- Uses intelligence feeds from Palo Alto Networks data sources and events captured by Idaptive to enable real-time decisions on security alerts, events, and access requests.

The Challenge

Security breaches are a growing, cross-industry problem. The whole business feels the impact of a breach, including potential financial losses and legal obligations. Among the organizations that have experienced security incidents, the biggest negative impacts are business disruption, reduced employee productivity, and IT staff having to triage and remediate the incident.¹ In addition to causing significant operational risk and disruption, security breaches are expensive, costing companies an average of \$3.86 million per breach.²

Intelligent MFA

Idaptive delivers Next-Gen Access, protecting organizations from data breaches through a Zero Trust approach. Idaptive secures access to applications and endpoints by verifying every user, validating their devices, and intelligently limiting their access. Idaptive Next-Gen Access Cloud uniquely converges single sign-on (SSO), adaptive multi-factor authentication (MFA), enterprise mobility management (EMM), and user behavior analytics (UBA). With Idaptive, organizations can secure access everywhere, reduce onboarding complexity, and deliver seamless experiences to customers and partners.

Cortex by Palo Alto Networks

Cortex™ is the industry's only open and integrated AI-based continuous security platform. It delivers radical simplicity and significantly improves security outcomes through automation and unprecedented accuracy. Partners can build apps on Cortex to make new security innovations instantly available to customers. Apps take advantage of comprehensive data from across the enterprise to power AI and machine learning-based innovations.

The Idaptive App on Cortex

Idaptive is joining forces with Palo Alto Networks to launch Intelligent MFA on Cortex. With Idaptive Next-Gen Access Cloud, organizations can leverage data from Cortex Data Lake to analyze event-level data and make more precise, risk-based access decisions. For example, you can now use events Cortex captures to dynamically adjust risk profiles for individual users and enforce more stringent authentication policies for high-risk access requests. Together, Palo Alto Networks and Idaptive provide more accurate and autonomous security by allowing you to constantly evolve your defenses in a seamless, frictionless way.

Idaptive Intelligent MFA works with Cortex by seamlessly combining threat intelligence feeds from Palo Alto Networks data sources with events captured by the Idaptive platform. Using these feeds, you can generate insights about user behavior and make real-time decisions on security alerts, events, and access requests.

1. "Cybersecurity Trends 2017 Spotlight Report," (ISC)², 2016, <http://downloads.isc2.org/Education/Cybersecurity-Trends-2017-Survey-Report.pdf>.
 2. "2018 Cost of a Data Breach Study: Global Overview," Ponemon, July 2018, <https://www.ibm.com/downloads/cas/861MNWN2>.

Use Case No. 1: Prevent User Account Compromise

In today's security landscape, compromised accounts are the leading cause of data breaches. Idaptive's app on Cortex analyzes user behavior and event-level data from Cortex Data Lake to stop credential-based attacks. Event data and user behavior are correlated with intelligence from Idaptive to create risk profiles for each user and enable you to block high-risk access attempts by attackers.

Use Case No. 2: Investigate Authentication Alerts

Security teams struggle to uncover information that indicates a potential for attack, and investigations require significant human resources. With Idaptive Next-Gen Access Cloud, you can prioritize alerts based on risk score through dynamic correlation of user behavior and event data from Cortex Data Lake. This enables you to understand the risk of any specific event and easily identify suspicious activity or threats in progress.

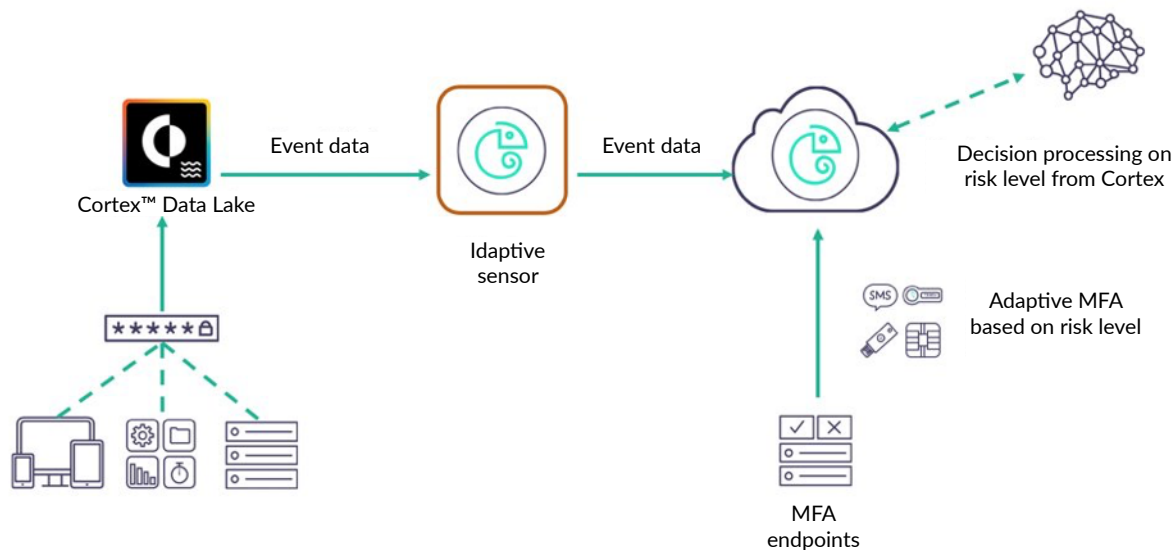


Figure 1: Cortex and Next-Gen Access Cloud integration

About Idaptive

Idaptive provides leading identity and access management solutions to secure access everywhere through a zero trust approach. Its Next-Gen Access Cloud is the first and only identity solution to combine SSO, adaptive MFA, endpoint and mobile context, and behavior analytics in a single platform that enables customers to intelligently verify and validate people, devices and services. More than 2,000 customers, including Remy Cointreau, Zoom and Butterball, rely on Idaptive to secure their business and create exceptional digital experiences. To learn more, please visit www.idaptive.com.

About Palo Alto Networks

We are the global cybersecurity leader, known for always challenging the security status quo. Our mission is to protect our way of life in the digital age by preventing successful cyberattacks. This has given us the privilege of safely enabling tens of thousands of organizations and their customers. Our pioneering Security Operating Platform emboldens their digital transformation with continuous innovation that seizes the latest breakthroughs in security, automation, and analytics. By delivering a true platform and empowering a growing ecosystem of change-makers like us, we provide highly effective and innovative cybersecurity across clouds, networks, and mobile devices. Find out more at www.paloaltonetworks.com.



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