Palo Alto Networks® and Skyhigh Networks

The Palo Alto Networks Technology Partner Program is comprised of a select group of partners that deliver solutions or products integrated with the next-generation firewall.

**HIGHLIGHTS**
- Identify and provide a risk assessment of all cloud services in use
- Create and deploy cloud-services access policies based on risk assessment
- Selectively decrypt and forward SSL traffic for data loss prevention, anomaly detection, compliance and forensics purposes

**SOLUTION OVERVIEW**
Skyhigh Networks and Palo Alto Networks have formed a partnership to deliver enhanced data governance capabilities for cloud-based services. With this integrated solution, customers can leverage Skyhigh’s advanced analytics to derive greater value from their firewall investments and support the important use cases of deploying risk-based access control policies via their existing next-generation firewalls and applying additional forensics and analysis to SSL encrypted traffic.

**Risk-based Cloud Access Control**
Using Skyhigh’s comprehensive cloud security assessments, customers inform data-driven, risk-based cloud access policies and enforce granular security policies for all cloud services across all Palo Alto Networks firewalls, straight from Skyhigh’s interface.

1. Skyhigh processes the Palo Alto Networks firewall log data, identifies cloud services in use, and provides a detailed and objective risk assessment of each service.
2. The security administrator specifies risk-based access policies in Skyhigh, which are pushed to a group of Palo Alto Networks firewalls via Panorama or directly to the individual devices.
3. The Palo Alto Networks firewall enforces risk-based access control policies.

**Risk-based Access Control:** Enforce granular access control policies based on objective CloudTrust ratings derived from 50+ attributes for thousands of cloud services. This capability empowers security teams to extend the appropriate access rights and minimize risk.
CloudTrust™ Ratings: Assigns a trust rating for each service based on 50+ attributes across data, user/device, service, business, and legal categories. The highest-rated services are considered Skyhigh Enterprise-Ready™. Administrators can generate customized ratings by adjusting attribute weights according to the organization’s security and compliance requirements, significantly reducing the time required to assess cloud services.

Operational Efficiency: Skyhigh provides out-of-the-box integration with Panorama and seamlessly pushes policies to Panorama, which are then deployed and enforced across all Palo Alto Networks next-generation firewalls throughout the organization. Additionally, rather than replace existing firewalls, Skyhigh enables customers to integrate and leverage current firewall investments to support cloud visibility and enablement.

Selective SSL Decryption
Leveraging Skyhigh’s integration with the Palo Alto Networks port mirroring feature, customers can selectively forward decrypted traffic to Skyhigh where a broad set of security capabilities including data loss prevention, anomaly detection, and live log for compliance and forensics can be applied.

CloudAnomaly™ Detection: Automatically analyzes usage, develops behavioral baselines, and identifies anomalies in cloud service usage that are indicative of a security breach, data leakage, or insider threat. Policy thresholds can be set across multiple dimensions, ensuring precise identification of anomalous events.

Cloud LiveLog: Captures detailed metrics of application usage including views, updates, and downloads. Object-level reporting, dynamic anomaly thresholds, and configurable alerts provide administrators with complete and actionable intelligence for incident response and forensics.

About Palo Alto Networks
We are leading a new era in security by protecting thousands of enterprise, government, and service provider networks from cyber threats with our game-changing security platform that natively brings together all key network security functions, including a next-generation firewall, URL filtering, IDS/IPS, and advanced threat protection. Because these functions are purposely built into the platform from the ground up and they natively share important information across the respective disciplines, we ensure better security than legacy firewalls, UTMs, or point threat detection products. With our platform, organizations can safely enable the use of all applications critical to running their business, maintain complete visibility and control, confidently pursue new technology initiatives, and protect the organization from the most basic to the most sophisticated cyber attacks—known and unknown. Learn more at www.paloaltonetworks.com.

About Skyhigh
Skyhigh Networks, the Cloud Visibility and Enablement Company, enables enterprises to embrace cloud services with appropriate levels of security, compliance, and governance. Over 200 enterprises including BMC Software, Creative Artists Agency, Cisco, Diebold, DirecTV and Equinix use Skyhigh to manage their “Cloud Adoption Lifecycle” with unparalleled visibility and risk assessment, usage and threat analytics, and seamless policy enforcement. Headquartered in Cupertino, Calif., Skyhigh Networks is backed by Greylock Partners and Sequoia Capital. For more information, visit us at www.skyhighnetworks.com or follow us on Twitter @skyhighnetworks.

1. The Palo Alto Networks administrator enables policy-based SSL decryption for specific services and forwards the traffic to Skyhigh, enabling data loss prevention, anomaly detection, and a cloud application live log for compliance and forensics.

CloudDLP™: Maintain compliance with internal policies and external regulatory requirement such as PCI, HIPAA and HITECH by identifying loss of sensitive data. Proactively receive alerts instantaneously or in a daily or weekly summary and take corrective action by leveraging your existing remediation processes and workflow.