tufin | paloalto NETWORKS

Security Policy Orchestration for Palo Alto Networks Next-Generation Firewall

Technology Partner Solution Brief

Benefits to Your Business:

- Tufin understands Palo Alto Networks App-ID™

- Proactively analyze risks associated with network changes prior to the actual change

- Implement network changes securely in minutes

- Ensure continuous network compliance and auditability

- Enable easy audit preparation and troubleshooting via automatic audit trail

Palo Alto Networks® and Tufin® Provide Secure, Manageable and Compliant Environments

Enterprise IT and security experts are under increasing pressure to respond to complex network changes and keep up with growing business demands. Lack of network visibility hinders the ability to deliver services and applications with the security, speed and accuracy required. Together, the Tufin Orchestration Suite™ and Palo Alto Networks® Next-Generation Firewall provide advanced network protection and visibility, enabling agile and risk-free policy modifications. Using advanced analysis and automation technologies, the change processes are orchestrated across heterogeneous networks, devices, servers and applications, leveraging Palo Alto Networks Next-Generation Firewall capabilities.

The Tufin Orchestration Suite is a complete solution for automatically designing, provisioning, analyzing and auditing network security changes from the application layer down to the network layer. Tufin's solution provides management and change automation for Palo Alto Networks Next-Generation Firewalls directly or managed through Palo Alto Networks Panorama.

Automatic Network Security Change Design and Verification Based on Application Identity

The Palo Alto Networks-Tufin solution significantly shortens the time previously required to make network security changes by automating both design and implementation. Automation is based on cutting-edge network topology simulation that identifies the relevant devices affected and performs an analysis of each relevant firewall policy including the application ID. Then a detailed change plan is suggested and, once approved, deployed to the firewalls. This ensures a quick and accurate processes to grant the needed application connectivity while maintaining the network security policy.

Gain Insight and Control Over Complex Networks

Understanding network segmentation is a major challenge for IT experts. Tufin's Security Zone Matrix simplifies this task by visually mapping the desired network zone-to-zone traffic flow and instantly providing detailed insights on your network segmentation, including what services are allowed between different network zones and zone sensitivity across physical, virtual and hybrid networks.

Tufin's Security Zone Matrix -- simplified, centralized control of your network and security policy management

Tufin at a Glance

Founded: 2005

Offices: North America, Europe and Asia-Pacific

Customers: More than 1,500 in over 50 countries

Leading verticals: Finance, telecom, energy and utilities, healthcare, retail, education, government, manufacturing, and auditors

Channel partners: More than 240 worldwide

Technology Partners: Check Point, Cisco, Juniper, Fortinet, F5, Palo Alto Networks, Intel Security (McAfee, Stonesoft), BMC, Blue Coat, Linux IPTables, VMware and more

Proactive Risk Analysis and Impact Simulation

Every change made to the firewall configuration is a potential threat to data security and application availability. Simulating the impact of a change is virtually impossible without the proper tools. As part of the automated change process, Tufin Orchestration Suite proactively checks every access rule against your corporate security and internal compliance policies to identify and flag potential risks.

Optimize Your Firewalls

Tufin Orchestration Suite helps enterprises to optimize next generation firewalls across heterogeneous environments with:

- Optimization of next-generation firewall policies by identifying rules and objects that are misconfigured, risky or unused
- Recommendations for aligning next-generation firewall policies with industry best practices
- Firewall analysis and reporting tools that enable security teams to achieve better productivity
- Built-in, customizable workflows for network and firewall changes

Continuous Regulatory Compliance with Industry Standards

Tufin Orchestration Suite provides a closed-loop process for enforcing, verifying and documenting compliance with industry standards such as PCI DSS and SOX. Every firewall policy change is evaluated before implementation ensuring safe deployment ahead of time. In addition, manual changes that result in compliance issues are detected automatically and a resolution fix plan is suggested.

About Tufin Orchestration Suite™

Tufin is the leader in Security Policy Orchestration, automating and accelerating network infrastructure changes while maintaining security and compliance. By improving network change processes, organizations using the Tufin Orchestration Suite will have a positive impact on the business by reducing the time and cost spent implementing network changes by up to 80%. Taking a holistic view of IT, the Tufin Orchestration Suite helps organizations automate security and efficiency into day-to-day operations, enabling them to be more agile and leverage technology to gain a competitive advantage. Founded in 2005, Tufin serves more than 1,500 customers in industries from telecom and financial services to energy, transportation and pharmaceuticals. Tufin partners with leading vendors including Check Point, Cisco, Juniper Networks, Palo Alto Networks, Fortinet, F5, Blue Coat, Intel Security (McAfee, Stonesoft), VMware, BMC Software, and ServiceNow, and is known for technological innovation and dedicated customer service.

About Palo Alto Networks Next-Generation Firewall

Palo Alto Networks is leading a new era in cybersecurity by protecting thousands of enterprise, government, and service provider networks from cyber threats. Unlike fragmented legacy products, Palo Alto Networks security platform safely enables business operations and delivers protection based on what matters most in today's dynamic computing environments: applications, users, and content. Find out more at www.paloaltonetworks.com.