

Technology Partner Solution Brief

Network Security Policy Orchestration for Check Point Firewalls

Benefits to Your Business

- Boost productivity with zero-touch automation for Check Point security management
- Automated design and provisioning of user identity-based changes
- Accelerate service delivery with application-centric management of network connectivity and security policies
- Implement network security changes in minutes instead of days with built-in security controls
- Tighten security controls by defining and enforcing a unified segmentation policy across vendors
- Ensure continuous policy compliance and reduce audit preparation efforts
- Gain visibility and control of security policies across Check Point and the hybrid network

Check Point® & Tufin® Provide Secure, Manageable, & Compliant Environments

Enterprise IT and security experts are under increasing pressure to respond to complex network security changes and keep up with growing business demands. Lack of visibility hinders the ability to deliver services and applications with the security, speed, and accuracy required. The Tufin Orchestration Suite is tightly integrated with Check Point Security Management Solutions and next generation firewalls (NGFW) as well as CloudGuard to provide policy-based automation for enabling business agility and continuous compliance across the hybrid cloud.

Tufin fully supports Check Point R81.x Security Management, allowing customers to extend the benefits of unified security across multi-vendor networks, private and public cloud platforms. The Tufin Orchestration Suite is a complete solution for automatically monitoring, analyzing, implementing, and auditing network security changes from the application layer down to the network layer. Tufin Orchestration Suite also provides visibility and monitoring for Check Point CloudGuard for Microsoft Azure allowing enterprises to simplify the adoption and management of cloud platforms. Together with Check Point leading security solutions, Tufin Orchestration Suite offers a powerful yet seamless way of managing security policies across complex, hybrid networks from a single console.

End-to-End Automation for Designing and Implementing Application Connectivity

Tufin Orchestration Suite is fully integrated with Check Point to accelerate application delivery and boost productivity with policy-based, zero-touch automation for security changes across the hybrid network. Automated change design is based on highly accurate network topology simulation that identifies the firewalls and corresponding policies that should be modified to grant connectivity. The Tufin Orchestration Suite integrates with Check Point Identity Awareness Blade for designing and provisioning user identity based changes. Once designed, the change is automatically sent to Check Point management system, as long as it does not violate any security standard. This ensures a quick and accurate process to implement application connectivity while maintaining security policy compliance.

PCI DSS v4.0 Compliance (7 x 7)								
To \ From	Corporate	DMZ	Internet	PCI Applications	PCI Data	PCI Web	Wireless Networks	
Corporate	✓	↔	↔	↔	⊘	↔	↔	
DMZ	↔	✓	↔	↔	↔	↔	↔	
Internet	⊘	↔	✓	⊘	⊘	⊘	⊘	
PCI Applications	PCI Data to PCI Applications Allow only the following services / applications: https, ssh Properties: Max Comment: 16 Logged: Last Hit within 90 days Source Max IP 25, Destination Max IP 25, Service Max services 5, Explicit Source: Explicit Destination Flow: Need to Submit Severity: CRITICAL			✓	↔	↔	⊘	
PCI Data				↔	✓	↔	⊘	
PCI Web				↔	⊘	✓	⊘	
Wireless Networks	⊘	↔	✓	⊘	⊘	⊘	✓	

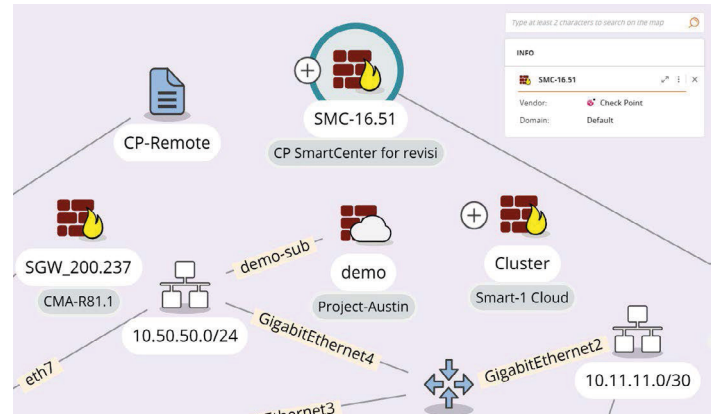
Tufin Orchestration Suite Unified Security Policy – enables central management of network segmentation to ensure continuous compliance

Insight and Control over Complex Networks

Defining and enforcing network segmentation across different vendors and platforms is a major challenge for security teams. Tufin's Unified Security Policy™ helps resolve the challenge by visualizing a security zone matrix that maps zone-to-zone traffic limitations. This central security policy baseline enables identifying violations in real-time across physical networks and hybrid cloud for tighter control and continuous compliance.

Proactive Risk Analysis and Impact Simulation

Every change made to the firewall policy is a potential risk 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 request against your corporate security and internal compliance policies to identify and flag potential risks. Network and Application Connectivity across Platforms in order to enable business continuity, application connectivity must be established and maintained. To ensure connectivity across vendors and platforms, there is a need to accurately analyze routing as well as policy information. Tufin provides accurate topology simulation and a visual map to establish and troubleshoot connectivity across the hybrid network from a single console.



Tufin's Topology Path Analysis — enables planning and troubleshooting connectivity across the hybrid network from a single console

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, SOX, and NERC CIP. Every firewall policy change is evaluated before implementation, ensuring safe deployment ahead of time. In addition, ad-hoc changes that result in compliance issues are detected automatically and a resolution plan is suggested.



Tufin provides a single platform for network security teams and firewall administrators to simplify the management of security policies across today's complex, multi-vendor on-premise and cloud networks. The platform gives some of the largest companies in the world the end-to-end visibility and automation tools necessary to swiftly provide new access, enable fast and secure application deployment, and ensure continuous compliance and audit readiness. Tufin's proven solutions have helped more than 2,900 customers across industries including healthcare, financial services, utilities, telecommunications, and retail to quickly identify and mitigate network risks.



Check Point Software Technologies Ltd. (www.checkpoint.com) is a leading provider of cyber security solutions to governments and corporate enterprises globally. Its solutions protect customers from cyber-attacks with an industry leading catch rate of malware, ransomware and other types of attacks. Check Point offers a multilevel security architecture that defends enterprises' cloud, network and mobile device held information, plus the most comprehensive and intuitive one point of control security management system. Check Point protects over 100,000 organizations of all sizes.