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SecureChange

Network Change Automation

Security Policy Orchestration:

The Tufin Orchestration Suite™ extends the benefits of IT automation to network security. Around the world, over 1,200 organizations are using Tufin's award-winning products to accelerate service delivery, increase IT agility, and reduce the time spent on security changes and audits by up to 80%.

A complete solution for designing, implementing, and auditing network security changes, the Orchestration Suite includes:

SecureTrack:
Firewall Management

SecureChange:
Network Change Automation

SecureApp:
Application Connectivity Management

SecureChange™ is a comprehensive solution for automating network configuration changes to firewalls and routers. Many IT organizations receive dozens of network configuration change requests per week. Given the accelerated pace of business, it is no longer feasible for network security administrators to handle configuration changes manually; IT automation is a must in order to achieve agility while consistently enforcing security policy across the network. SecureChange enables organizations to dramatically improve their network change process with an automated solution for designing, provisioning and verifying security configuration changes. From the initial request all the way to the final configuration audit, SecureChange streamlines processes and improves accuracy, so you can make changes up to five times faster.

IT Automation for Network Security Changes

SecureChange effectively automates network security access requests with a combination of business process automation and in-depth security analysis. The solution delivers the benefits of IT automation for security operations – minimizing manual, repetitive tasks while driving operational efficiency.
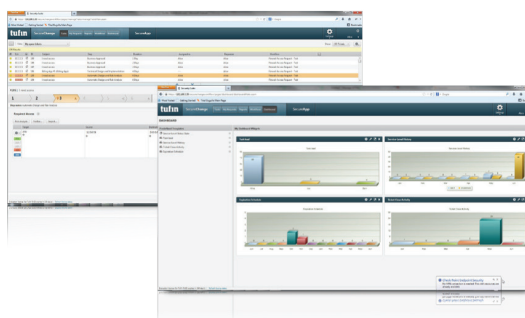
SecureChange is designed to make changes easier, and more accurate, for everybody involved – from the person submitting the request, to the manager who has to approve, and especially for network and security administrators. SecureChange combines an easy-to-use web interface with unique network and security-aware productivity tools to simplify the many steps involved in a network security change.

Submit request › Change design › Business approval › Automated risk analysis › Security approval › Implementation › Verification › Audit & report

Sample Workflow

Data Center Automation and Virtual Environment Management

Firewalls and network devices are often a barrier to a fully-automated data center. By automating firewall policy changes, SecureChange enables organizations to achieve fully-automated data centers and cloud instances.

T-Series Appliances

Vendor-Neutral Change Processes

Most large organizations manage more than one type and brand of firewall and router, putting the burden on network teams to acquire expertise in multiple systems and to integrate each of them with management systems. SecureChange eliminates this complexity by providing a uniform interface for managing all leading enterprise firewalls and routers.

Network Topology Intelligence

SecureChange offers a completely new approach to handling network access requests. It analyzes both the request and the network topology map to automatically identify the relevant devices and policy elements. SecureChange provides a network-wide view of the access request making it easy to understand whether or not the access is already permitted, and which devices are allowing or blocking it.

Intelligent Policy Design

After identifying the relevant devices, SecureChange also recommends the optimal policy change using in-depth device configuration analysis. It provides vendor-specific suggestions on the rule and ACL changes needed in order to provide access while maximizing security and performance.

Automated Change Provisioning

SecureChange can automatically provision changes on firewall security policies to reduce the time and increase the accuracy involved in implementing access requests. SecureChange recommends the optimal rule or ACL change and if it is accepted by the administrator, automatically implements the change.

Proactive Risk Analysis

SecureChange assesses risk and compliance before – and after – changes are made. During the initial change design process, SecureChange checks the change request against corporate security and compliance policies and alerts you to possible conflicts, so you can make an informed decision. And after a change is completed, automatic verification determines whether the actual configuration change is aligned with the original request.

Change History and Documentation

Throughout the change lifecycle, SecureChange maintains comprehensive ticket and process documentation, eliminating the need for painstaking information gathering and analysis before internal and external audits. With Tufin's Orchestration Suite, every policy change and security rule is automatically documented allowing companies to slash audit preparation times by up to 80%.

Interoperability through RESTful APIs

SecureChange features a RESTful API framework to enable interoperability with other systems. It easily integrates with service management systems, including BMC Remedy and ServiceNow to support a continuous change process. Self-service portals can integrate with SecureChange to enable automated change provisioning for network configuration changes.

Customizable Workflows

Using SecureChange's visual workflow editor you can create an unlimited number of businesses processes out of simple building blocks such as steps, forms, fields, assignments, and conditions. Task assignment and workflow logic can be based on conditions such as risk level, network zones and custom field values.

Orchestrate Your Network

SecureChange is the heart of the Tufin Orchestration Suite which accelerates service delivery, improves efficiency and ensures security – while facilitating communication throughout the organization.

The Orchestration Suite intelligently analyzes the network, automates configuration changes and proactively maintains security and compliance across the entire enterprise network. By improving network security processes, organizations using the Orchestration Suite will have a positive impact on the entire business by reducing the time and cost to implement changes by 80 percent. An essential component of the Orchestration Suite, SecureChange automates design, analysis and implementation of network changes.

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Making Security Manageable

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