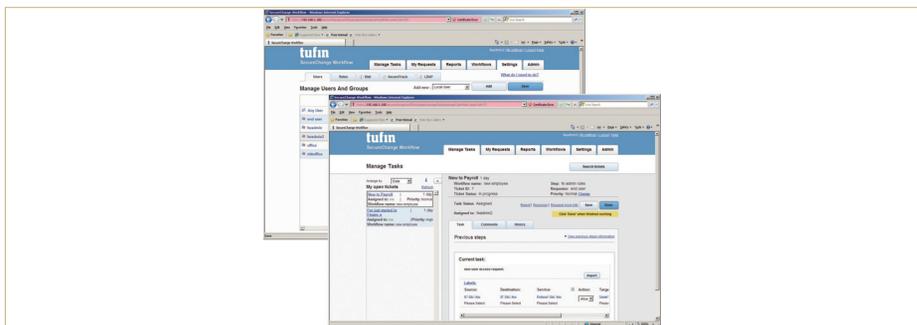


SecureChange Workflow 5.1 from Tufin Technologies



PRODUCT REVIEW PRODUCT REVIEW PRODUCT REV

Change management is an essential business process and never more so than in the context of network security. Tufin is a specialist in this area and its latest SecureChange Workflow (SCW) applies these principals to the entire process of managing firewalls, routers and switches. Tufin is an undeniable specialist in network security; its SecureTrack product offers sophisticated firewall policy management and configuration auditing tools. SCW extends this expertise to provide a complete solution that automates and manages the change request process from start to finish.

At its foundation, SCW employs standard business workflow practises so that it can be used for a wide range of change management functions. However, its ability to integrate with Tufin SecureTrack allows it to apply these abilities specifically to security device configuration management. The SCW server can be software or appliance based and we used Tufin's T-500 appliance with SecureTrack and SCW preinstalled, along with VMware virtual machines running Check Point's NGX R65 firewalls. The main SCW web interface is well designed and you start by declaring all local and remote SecureTrack servers to it.

SCW securely interrogates the SecureTrack servers and gathers information about managed device policies. It uses three main components in the change management process with workflows describing the procedures required for change submission,

design, risk assessment, approval and implementation. An unlimited number of Workflows can be created to contain strict event sequences to be carried out when a change request has been submitted and each can be customised extensively, making SCW highly flexible. Roles define access permissions which range from submitting requests and creating workflows, to reassigning requests and viewing reports.

User authentication is an essential function of SCW and support for Microsoft Active Directory and Novell eDirectory allows you to easily import users and groups. These are then placed into role groups which determine their access permissions. We created a range of workflows and found the process simple enough. Any number of steps can be created within a workflow and each contains fields that define what is to be made available for that step. Fields include network objects and services, check boxes, change instructions, risk analysis requests, and so on. For each step you declare participants which are the users that will be assigned the task of dealing with the request. When a request has been submitted it becomes a ticket and can be assigned manually or automatically, in which case the next available individual will be assigned.

Dynamic assignment allows workflows to pass tasks to specific participants based on conditions such as the request content. For example, if a request required a specific

firewall to be configured, then the users responsible for that device could be the only recipients of the ticket. This feature has many other benefits as it allows workflows to run multiple steps in parallel. This would be useful where different risk assessments are carried out by various departments but all were required to give approval before it can proceed.

SCW has a lot of built in intelligence as its policy change advisor queries security devices and suggests where rules should be correctly placed. It proactively uses SecureTrack's compliance policies to make sure that a proposed rule change will not cause problems with an unforeseen rule violation. A number of new features will be arriving in the next release of SCW. Auto-verification will allow it to check that approved changes have been made and it will be aware of changes being made without authorisation; it will also be possible to seamlessly intergrate SCW with BMC Remedy, adding network security awareness.

Tufin's SecureChange Workflow adds a new dimension to network security. It works seamlessly with SecureTrack and using standard change management practises allows it to automate and oversee the entire change request lifecycle. **NC**

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