



Tufin Federated Workflow Solution for Network Security

Solution Brief



Orchestrating Network Security Policy Changes Across Multiple Business Sites

Many large federated enterprises, or companies after mergers and acquisitions (M&A), struggle with the challenge of IT cooperation between multiple business entities. In order to achieve shared business goals, all enterprise networks should be aligned. At the same time, the level of independence of the distributed business entities and sites for IT business continuity must be maintained.

The Tufin Federated Workflow Solution™ addresses the common issues that large enterprise IT organizations face when implementing network security and firewall policy changes. Tufin's solution streamlines network security policy management across complex distributed enterprises. It ensures data segregation, separation of tasks and network change integrity.

As a result, IT managers and network operation teams maintain control of the enterprise network and gain better cross-site collaboration, despite the underlying vendor, network and IT process differences. Plus, IT personnel in the separate business entities are free to continue with full independence in their respective lines of business.

Accelerating Cross-Organizational Network Change Implementation

When a change to the network is needed, IT managers benefit from the Tufin Federated Workflow Solution for cross-entity collaboration between independent network operations teams. The Tufin Orchestration Suite enables the change initiator to plan the change and to understand what devices should be modified across all sites. It makes change implementation more effective, efficient and smooth.

First, the change plan can be dry-tested by creating and sending a change request to all relevant entities. Second, each network operations team has the ability to follow their site specific workflow and approve their local change. Third, only after the change has been approved by all sites, the Tufin Orchestration suite notifies all sites to implement the change.

By giving the IT managers the right tools to complete the entities' workflow ahead of any change, the Tufin Federated Workflow Solution ensures quick, effective change transaction and reduces errors throughout the change process. IT managers enjoy a visibility and transparency that is often lost as organizations grow. Together, they can successfully coordinate the change across all participating sites and streamline their cross-entity collaboration.

Managing and Tracking Cross-Site Network Security Change Policy

Understanding the entire organization's topology is the basis for proper network change planning. The Tufin Federated Workflow Solution manages new change requests using network topology intelligence and advanced change management and tracking. When a new change request is created, the network operator has a network topology map to aid in change management. With the visual overview, a federated change request can be created per site. Therefore, mutual coordination between sites is enabled. Plus, the change workflow progress is tracked and enforced, as defined by the federated workflow.

Benefits to Your Business:

- Accelerate cross-organizational network change implementation
- Streamline cross-entity collaboration and change policy tracking
- Guarantee operational, structural, and business independence
- Maintain existing business structures and processes - "as-is"
- Ensure data segregation and separation
- Increase overall network integrity and consistency

Guaranteeing Full Operational, Structural and Business Independence

To continue full independence for each business entity, the Tufin Federated Workflow Solution excels in maintaining the existing business structures and processes - "as-is". No changes in current ability required. Each entity continues to manage its own network using its own teams, technologies and processes. IT managers and their teams can also ensure data segregation and separation are maintained in distributed environments. Therefore, they can guarantee operational, structural and business independence across complex distributed enterprises.

Increasing Overall Network Integrity and Consistency

IT managers want to avoid the need to revert and rollback un-authorized work. With the Tufin Federated Workflow Solution, the deployment scenario is fully customizable. The network operator has the ability to support different workflow types and approval logic. A federated firewall change only takes place after all participating entities (or sites) approve the change. In addition, design and implementation for cross-sites will only start after all participating entities have approved it. This enables continuity and scalability to increase overall network integrity and consistency across the distributed enterprise.

Tufin at a Glance

Offices: North America, Europe and Asia-Pacific

Customers: More than 1,700 in over 50 countries

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

Channel Partners: More than 240 worldwide

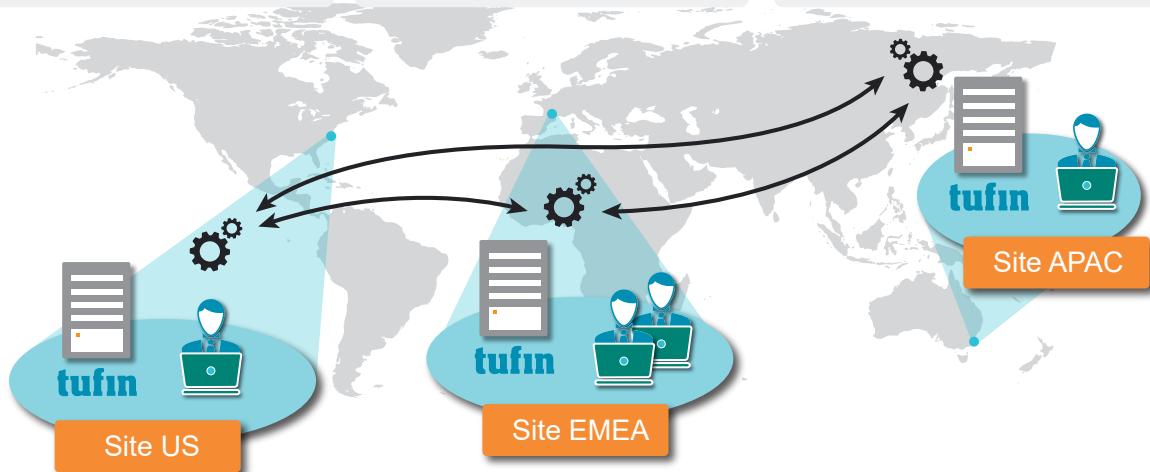
Technology Partners & Supported

Platforms: Amazon Web Services, BMC, Blue Coat, Check Point, Cisco, F5 Networks, Fortinet, Forcepoint™, Juniper Networks, Microsoft Azure, OpenStack, Palo Alto Networks, VMware and more

1 User opens a Federated Access Request

2 Federated Transaction Manager checks which sites are involved and opens the needed ticket in each site

3 Every step in federated workflow is synchronized between all participating sites



Federated Workflow Diagram



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