# ALGOSEC FIREFLOW
AUTOMATE YOUR NETWORK SECURITY POLICY MANAGEMENT

AlgoSec FireFlow helps you process security policy changes in a fraction of the time so you can respond to business requirements with the agility they demand. FireFlow automates the entire security policy change process — from design and submission to proactive risk analysis, implementation, validation, and auditing. Its intelligent automated workflows eliminate guesswork and help you save time, avoid manual errors and reduce risk. With the AlgoSec AppChange add-on, changes can be made at the business application level.

Automate Security Changes Even in Complex Networks

AlgoSec FireFlow helps you:

- Automatically process firewall changes with zero-touch
- Enhance collaboration and create a common language for application change requests
- Eliminate mistakes and rework. Improve accountability for change requests
- Proactively assess the impact of network changes to ensure continuous security and compliance
- Automatically implement recommended policy changes
- Enforce compliance, and automatically document the entire change management lifecycle
- Integrate with your existing IT Service Management workflow
- Ensure changes are made according to your organizational processes.
- Simplify Large-Scale Server Migration Projects
- Foster collaboration across application delivery and network security teams to support DevSecOps initiatives
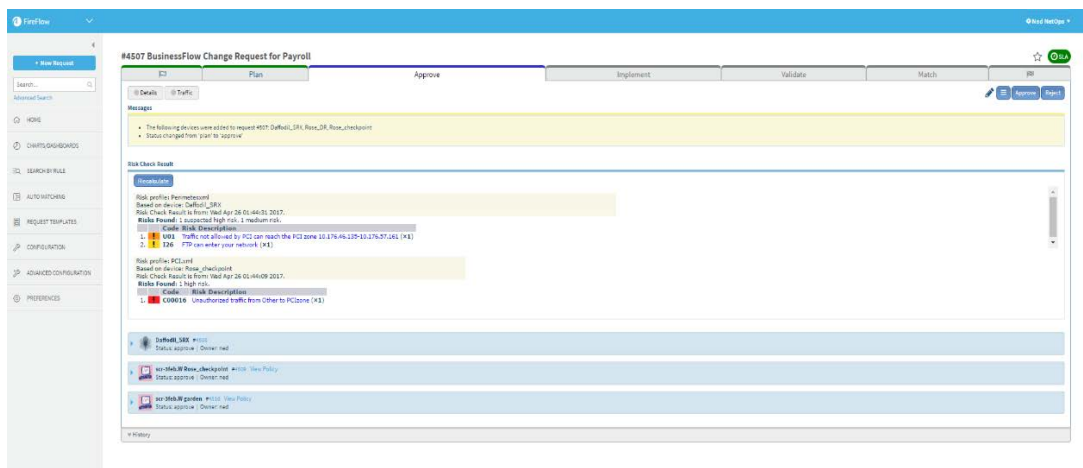
Zero-Touch Security Policy Change Management

Users can set their change management workflow to run automatically from planning through to resolution, unless an exception or pre-defined event occurs – thus significantly speeding up the change management process while maintaining control and ensuring accuracy throughout the process.

Enhance Collaboration with a Common Language for Changes

Using AppChange with FireFlow enhances collaboration by creating a common language for change requests. Business owners can request connectivity and change requests in their own application-centric language. By speaking the same language, application owners and firewall owners eliminate misunderstandings, resulting in faster changes. AppChange then automatically calculates the necessary changes to the underlying firewall and access rules, generating the relevant change requests in AlgoSec FireFlow.

Intelligently Design Firewall Rules to Reduce Clutter and Complexity

FireFlow automatically discovers all devices and rules which are impacted by a change request. It then intelligently designs or updates any necessary firewall rules, utilizing existing rules and objects whenever possible to reduce policy clutter and complexity.

Proactively Analyze Change Requests to Ensure Compliance and Mitigate Risk

FireFlow automatically analyzes every proposed change – before it is implemented – to identify risks and ensure compliance with regulatory and corporate standards. FireFlow leverages the broadest risk knowledge base, which includes industry best practices, regulations such as PCI DSS, HIPAA, and SOX, as well as corporate-defined policies.

Save Time and Avoid Manual Errors with Automatic Policy Push

FireFlow's unique ActiveChange technology can automatically implement recommended policy changes directly on the device, to save time and prevent manual errors. Changes are "pushed" for implementation in the next change window, and rollback mechanisms ensure secure implementation.

Prevent Unauthorized, Rogue Changes

FireFlow automatically validates the successful implementation of change requests to prevent premature closing of tickets. Additionally, FireFlow correlates change requests with actual changes made to detect unauthorized changes and ensure that changes are implemented exactly as specified.

Integrate with Existing IT Service Management (ITSM) Solutions

FireFlow seamlessly integrates with IT Service Management (ITSM) solutions, such as ServiceNow, CA, BMC Remedy, and HP so you can continue to open change requests within your existing systems. FireFlow complements these systems with intelligent automation that enables you to process firewall changes quickly and accurately.

Customize Workflow According to Organizational Processes

Every organization has its own procedures as part of their change management processes. FireFlow's change management workflow is customizable to best match each business' unique requirements. This customization can be easily performed through FireFlow's user interface.

Simplify Large-Scale Server Migration Projects

AlgoSec AppChange, an add-in for AlgoSec FireFlow, simplifies the end-to-end management of the security policy of complex migration or decommissioning projects involving tens or even hundreds of servers.

With AppChange's built-in workflows, the user simply selects the servers to be migrated or decommissioned, and automatically identifies all the applications that are affected by the planned project. AppChange then generates the necessary change requests to the underlying network traffic flows while ensuring the integrity of the security policy and network access.

Foster Collaboration across Application Delivery and Network Security Teams

To enable DevOps and speed up the secure deployment of business applications into production, AlgoSec manages the application connectivity migration process from development through to production. As part of this process, AlgoSec AppChange maps, clones, and adjusts connectivity for each environment in the application lifecycle, as well as provides advanced monitoring and impact analysis for each stage in the migration process.

About AlgoSec

The leading provider of business-driven security management solutions, AlgoSec helps the world's largest organizations align security with their business processes. With AlgoSec, users can discover, map and migrate business application connectivity, proactively analyze risk from the business perspective, tie cyber-attacks to business processes and intelligently automate network security changes with zero touch - across their cloud, SDN and on-premise networks. Over 1,800 enterprises, including 20 of the Fortune 50, have utilized AlgoSec's solutions to make their organizations more agile, more secure and more compliant - all the time. Since its inception, AlgoSec has provided the industry's only money-back guarantee.