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TUFINNOVATE

THE INTERSECTION OF CLOUD AND NETWORK SECURITY

NORTH AMERICA - MAY 30 • EUROPE & MIDDLE EAST - JUNE 13 • ASIA-PACIFIC - JULY 24

Automation Best Practices with

Johnson Controls

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About Johnson Controls

For nearly 140 years, we've made buildings better

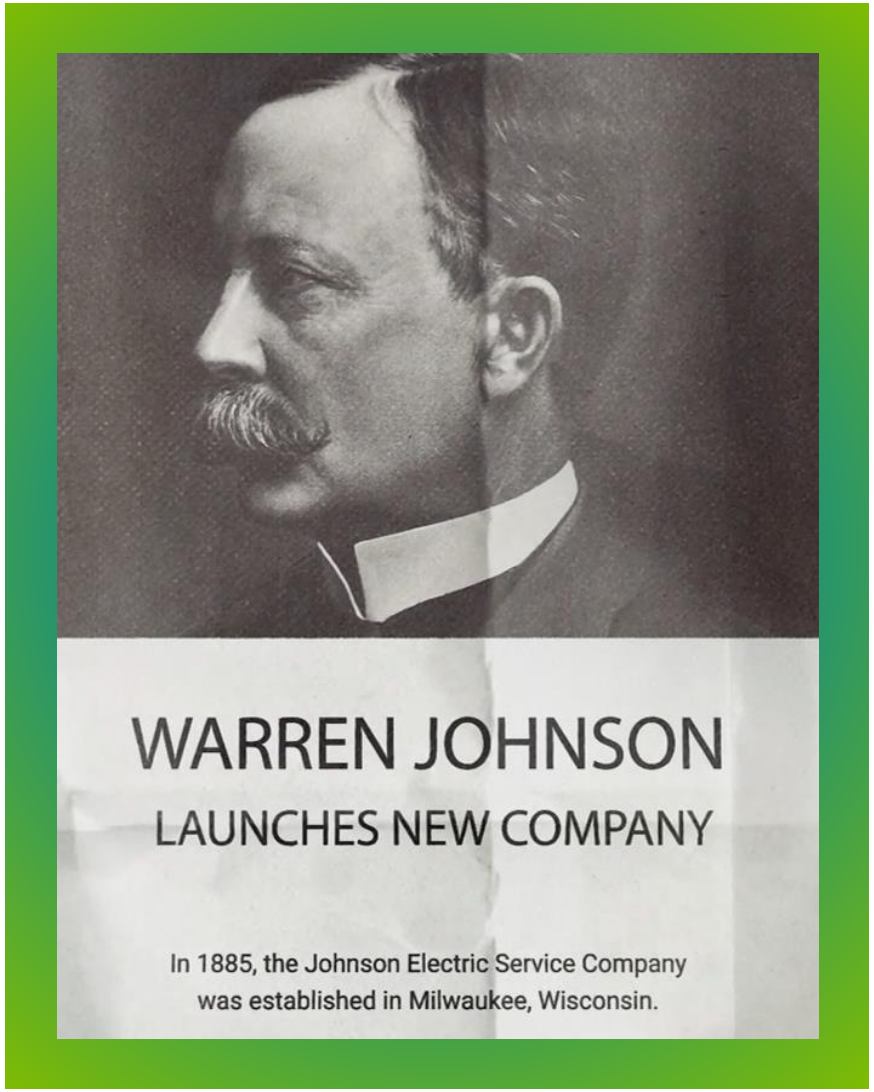
Then

In 1883 we pioneered AI in buildings when out founder, Warren Johnson, invented the world's first intelligent thermostat.

Now

Today we use industry-leading digital solutions, building automation and hyper-efficient heating and cooling systems to save energy and reduce emissions. And we continue to advance safety with world-class fire detection and protextion, and smart security systems

With our tailored advisory, design and financing and our installation, retrofit and intelligent maintenance services, we support you to accelerate your journey toward a smart, healthy and sustainable future.



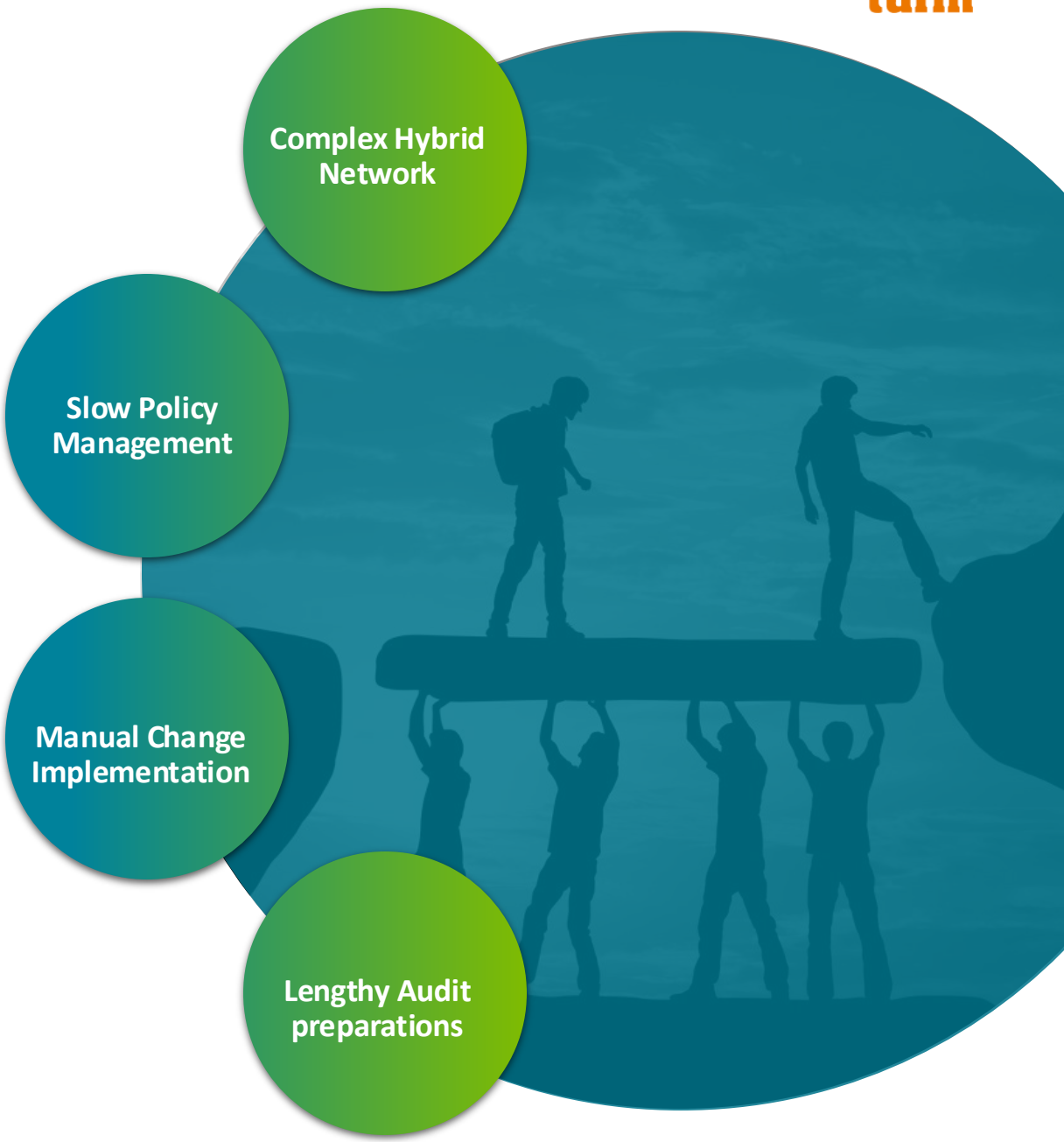
Challenges

Manage Network Security Across The Globe
Legacy Network FWs, Multi-Cloud Controls, SASE

Firewall policy management was box by box
Unable to cleanup and optimized at Scale

Manual, Error-prone Change implementation
Security Violations with Long (3 days) Firewall Change SLA

Long Audit Preparations
Slow Turnaround for Audit Reports



About Our Hybrid- Network

Firewall Vendors

FORTINET

cisco ASA Firewall

Check Point SOFTWARE TECHNOLOGIES LTD

paloalto NETWORKS

SASE

zscaler

Public Cloud

Google Cloud

aws

Azure

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Our Journey With Tufin

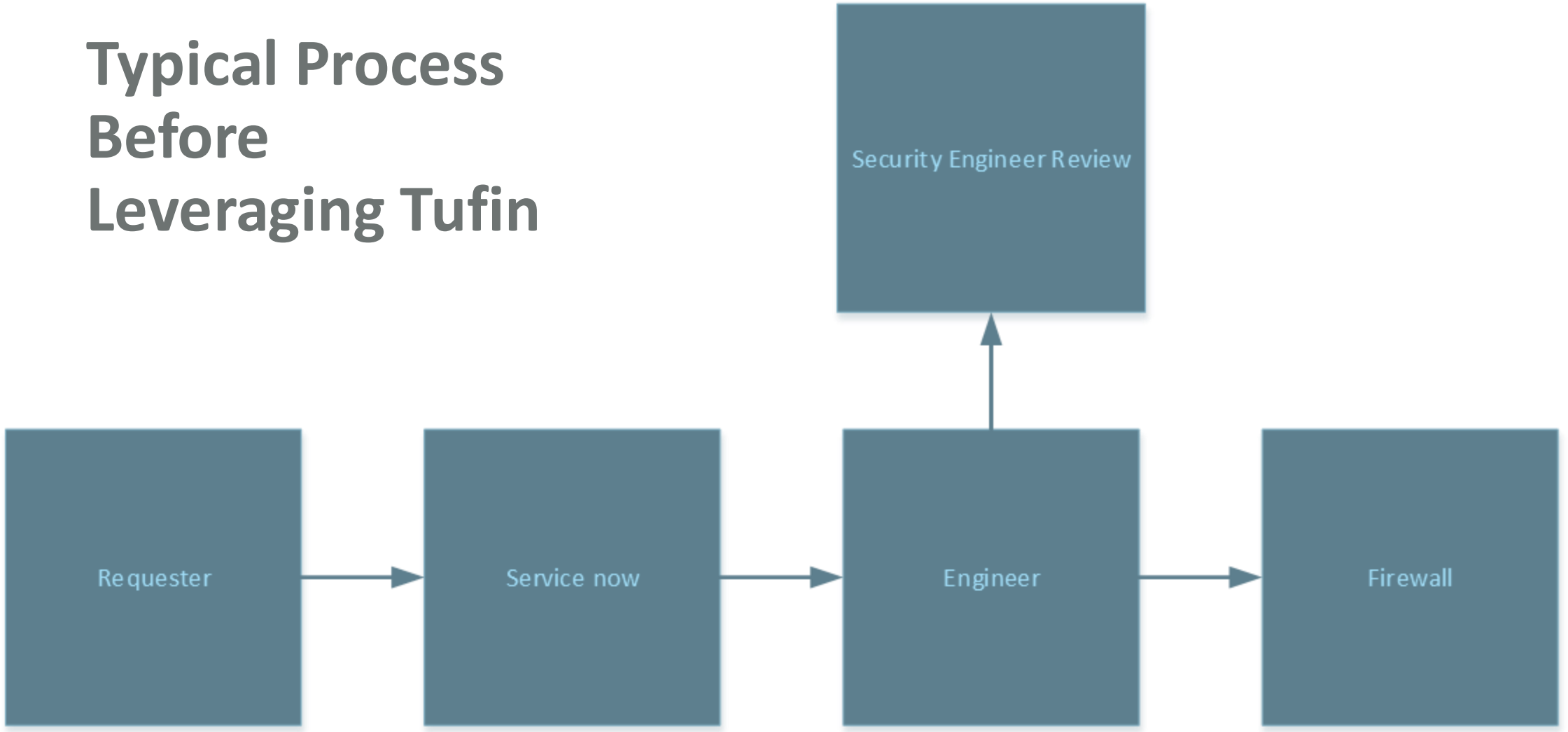
- Initial engagement started in 2022, evaluating all NSPM vendors
- Product adoption in 2023

SecureTrack+ + SecureChange+ + Provisioning

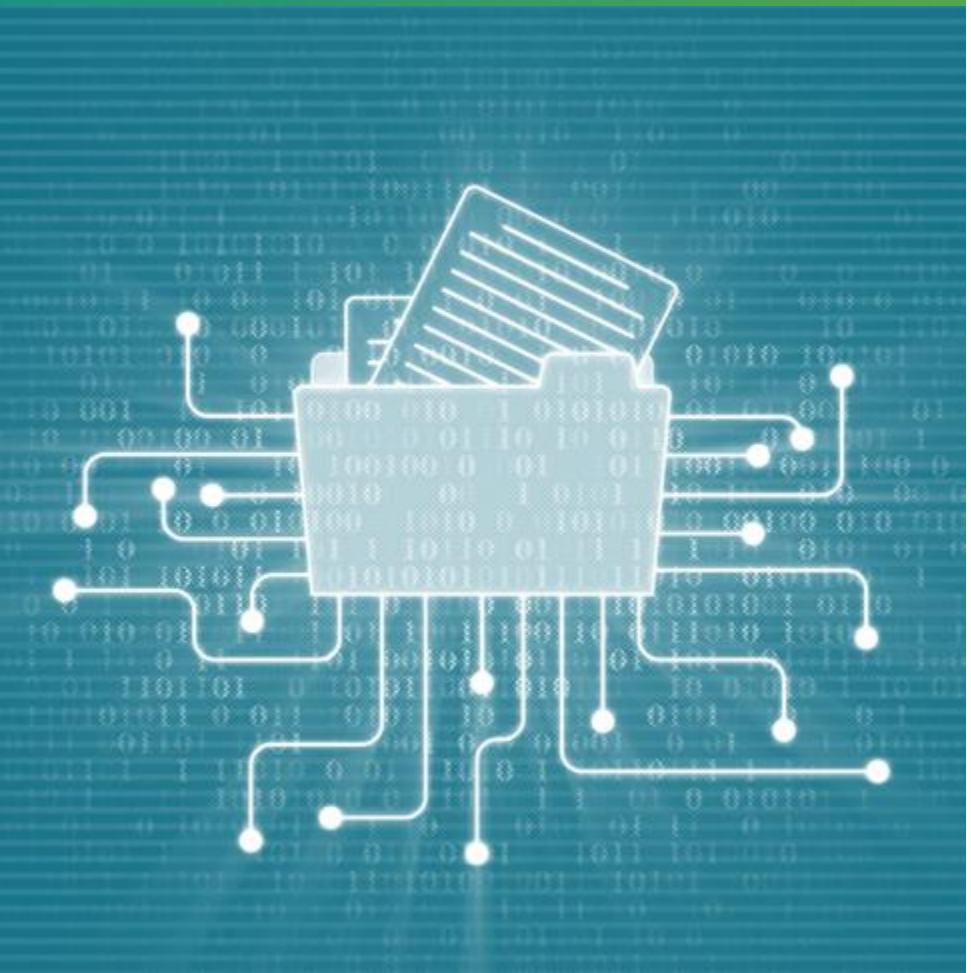
Integrated with servicenow

- Reason for Choosing Tufin based on Customer Interview -
  - Deepest coverage for all vendors across on-prem, cloud, and SASE
  - Ease of use and shorter learning curve for our engineers
  - Automating daily, mundane tasks inside our network security organization

Typical Process Before Leveraging Tufin



Mitigating Misconfigurations and Network Cleanup



Cleaning Up

- ✓ Unused rules
- ✓ Redundant rules
- ✓ Shadowed rules

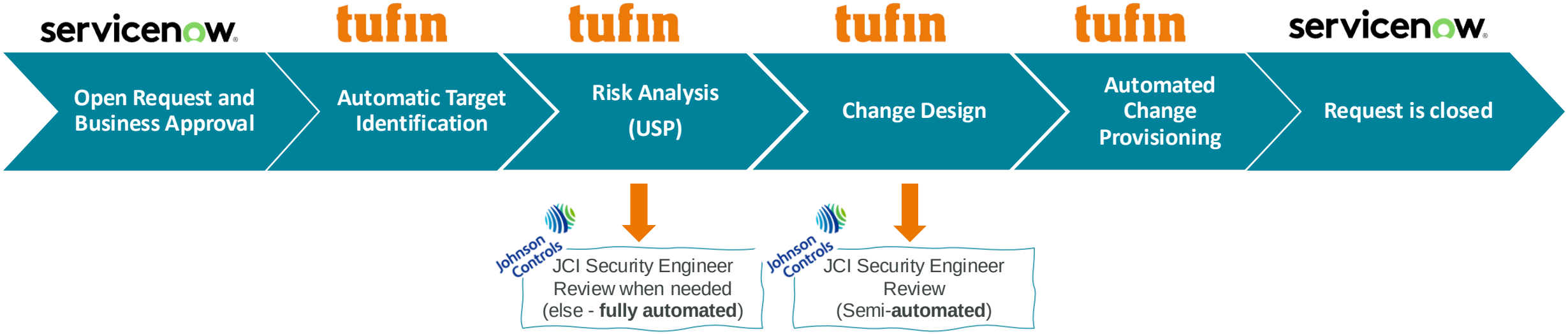
Reducing Risk

- ✓ Overly Permissive rules
- ✓ Risky rules
- ✓ Incompliant rules

Automated Cleanup Workflows

Accelerating Our Operations

Access Enablement Automation



Automatic Target(s) Identification

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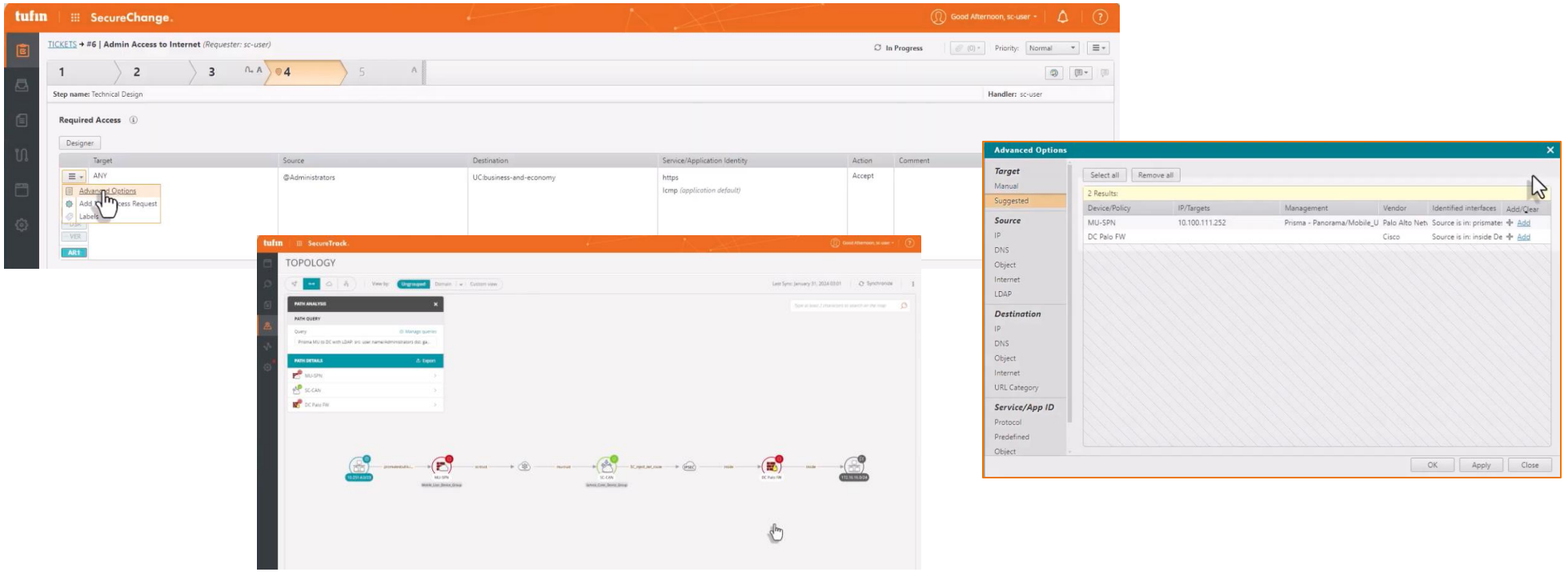
Open Request and Business Approval → **Automatic Target Identification** → Risk Analysis (USP) → Change Design → Automated Change Provisioning → Request is closed



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Risk Analysis

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Open Request and Business Approval → Automatic Target Identification → Risk Analysis (USP) → Change Design → Automated Change Provisioning → Request is closed

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Working with Tufin's Services Team

- **Professional Services (PS) helped us with two projects:**

1. **SecureTrack+**
   - Assisted with Onboarding all Firewalls
2. **SecureChange+**
   - Workflows design and implementation
   - ServiceNow integration

- **Support Organization**
  - Deep product knowledge
  - Responsive
  - Proactive

Results

- ✓ Managing all security policies from the same place
- ✓ Reducing Change SLAs from 3 days to hours
- ✓ Identifying and fixing misconfigurations quickly
- ✓ Network and Compliance Reports
- ✓ Automatic optimization and cleanup recommendation from the platform
- ✓ Audit preparation times reduced dramatically *(from weeks to hours)*

What's Next?

- **Completing our network coverage with Tufin**
  - VMware NSX-T
  - Additional AWS, GCP, Azure regions
- **Automating cleanups in the Cloud**
- **Implementing new Dashboard Essentials app**
  - Measure automation ROI on a regular basis
  - Improve operational efficiency

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Thank You!