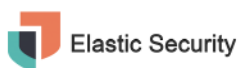


Utility Case Study

A national power company looking to improve connectivity and visibility across their WAN. They have 350 sites and a large field force. In addition, the IT Team need to manage 1,200 devices from multiple vendors.

ActivePort SDN Solution

ActivePort successfully integrated eight vendors into a single pane. This enabled workflow automation and increased visibility across their multi vendor network footprint.



Scoping: 10 days

Development: 120 days

Implementation: 20 days

Switch Orchestration

Juniper EX2300, Cisco Catalyst and Nexus switch Orchestration.

ActivePort automated the configuration, routing & frequently used commands, bringing them into the single pane to be used by the NOC/SOC.

Use cases:

- Base configuration
- AAA, SNMP, services, hardening,
- Routing: Spanning tree, OTV, LISP and Fabric Path
- Ports/interfaces
- VLANs & VPC



Wireless Orchestration

Cisco 5520 Wireless LAN Controller Orchestration.

To reduce the large quantity of support tickets created from issues with wireless connectivity, ActivePort automated end-to-end management for common use cases.

Use cases:

- Create and Delete SSID's
- Create and Delete users
- View Reports on standard WLAN performance and security metrics
- View Radio performance characteristics



Firewall NFV

Palo Alto Firewall 5020 & 460 VNF, Cisco Firepower 4112 and Cisco 4600 FMC.

Customer transitioned from Cisco to Palo Alto firewalls. Both vendors operated in parallel during a multi-year migration & refresh. ActivePort orchestrated the most common feature sets of Palo Alto, rolling out to all new and existing sites. The Cisco UI was exposed in ActivePortal as these devices are already in place.

Use cases:

- **Create, Modify, and Delete Interfaces, Zones and Vlans**
- **Create, Modify, and Delete Policy Objects**
- **Create, Modify, and Delete Policy Rules**
- **View Reports on standard security metrics**
- **View Logs**



SASE & ITOA

The customer required SIEM, SOAR & application performance monitoring (APM) for 200 servers to make IT operations more effective & efficient.

MixMode was used for network traffic analysis & Application Performance Management (APM). ActivePort exposed the MixMode UI into the ActivePortal single pane.



Elastic Search is integrated into ActivePortal & Elastic agent & fleet collects, analyses, and protects data from several sources.

- Elastic Security Information and Event Management (SIEM) integration detects and responds to threats at cloud speed and scale
- Elastic Security Orchestration, Automation and Response (SOAR) streamlines SOC workflows with orchestration and automation.

SD-WAN

Dell uCPE - VEP4600, VEP1425

To improve connectivity & uptime for their remote offices the local country carrier is decommissioning copper links and replacing with fiber. Dell will be used as the uCPE to deploy an SD-WAN that is orchestrated in the ActivePortal single pane.



SIP NFV

Ribbon SIP SBC VNF

Due to the carrier's copper decommissioning, the customer's voice network was migrated to SIP. All legacy PABX's were replaced with Ribbon SIP, deployed as a VNF deployed on Dell CPEs. This meant less devices requiring support and reduced this national provider's environmental impact.

