

# Professional & Support Services

## Case Study



### Executive Summary

The customer needed a complete swap out of their legacy firewall infrastructure to make vast improvements in throughput and extending all security aspects. Exclusive Networks professional services team assisted every step of the way to ensure the project was completed efficiently and successfully.

### Benefits to the End User

- Support & expertise throughout the migration process.
- Recommendations on overall security and network posture before and post migration.

### Background

The customer, a large UK financial services company, provide retail savings products, specialist mortgage products and credit analysis.

The partner, Softcat, are a leading provider of technology solutions and services to both private companies and public sector organisations in the UK. They made use of Exclusive Networks presales and implementation services to deliver the project.

## Challenges

Due to limited resource and threat throughput, the customer replaced their current pair of Sonic Wall 4600 firewalls with PA-3260 firewalls in an Active/Passive pair. The Palo Alto firewalls also provided a more comprehensive and overarching approach to security within their network.

During the engagement we worked closely with the customer's IT team to aid with the migration of their datacentre firewalls. We also helped overcome some complex BGP configurations which were not seen as default.

## Project Preparation

As this was not a supported migration when using the migration tool, all configuration items had to be imported manually using CSV import, which brought its own challenges and hurdles.

Exclusive Networks held on-site workshops with the customer to discuss the best migration path, identify their network design & topology and discuss the customer's end goals & objectives to ensure expectation could be met.

An Exclusive Networks consultant was then responsible for starting the migration process whilst keeping the customer updated with any changes or caveats to their desired configuration. Our presales consultant provided on-Site cutover assistance to work through any migration issues with a further remediation day to test and identify further issues or potential for tuning the configuration.

A documentation stage provided in-depth information to the customer, enabling them to follow the migration process and identify changes from the pre-existing configuration.

A best Practice Assessment was run and analysed by both the customer and Exclusive Networks, so any post-migration recommendations could be made. These recommendations essentially provide additional opportunities for work to further reduce their overall attack surface.

## The Solution

We were able to leverage the Best Practice Analysis engine to identify security short falls in the migrated configuration before going live.

We also were able to use Palo Alto's Expedition tool to validate all security policies and configuration objects even though the migration path was not supported.

## The Results

Once the overall solution had been successfully migrated, tests were run to analyse the performance benefits compared to the previous solution. The results clearly outweighed the previous environment.

This also became the baseline project for delivering more security functionality such as Decryption, so that the customer could inspect layer 7 traffic for threats and data loss. Further projects were also initiated post migration, which provided additional remote access functionality with the use of Global Protect.