

Market Leading Global Personal Insurer Meets Government Security Regulations Despite Increased VPN Traffic Due to Global Pandemic

The Situation

Market leading personal insurer offers a variety of services for life, personal risk, and health insurance for 38 million customers, as well as savings and pension management for another 12 million customers in France, Europe and Brazil. This organization had previously purchased Arbor Edge Defense (AED) to protect the inbound user traffic into their data centers from their employees over VPN needing to use in-house applications. In addition to ensuring network availability with DDoS protection, implementing AED helps the organization meet government regulatory requirements for security protection. With the onset of the Coronavirus and employees working from home, both of these requirements were put in jeopardy due to the increase in network traffic that approached their current capacity for DDoS management.

The Details

To ensure continued DDoS protection and adherence to government regulatory requirements, the organization reached out to NETSCOUT®. Consulting with the local NETSCOUT sales and technical teams, the company decided to upgrade their AED licenses from 500M to 1G on 2 AEDs. This would assist them in meeting their security objectives for the additional VPN traffic. Because of the quick reaction time by the NETSCOUT teams, the insurance company completed this transaction in around 3 weeks with local distributors processing this order.

The Results

The increased DDoS management and mitigation capacity provides the organization and their employees confidence that they will be protected from DDoS attacks that can disrupt their business activity and even damage the organization's reputation while temporarily working from home. The organization was satisfied with the flexibility of the AED license configuration and the ability of NETSCOUT to execute on a global procurement effort quickly and to the organization's crisis timeline.

CUSTOMERS REQUIRE FLEXIBLE LICENSING AND RAPID REACTION TIME



TO SCALE AND MEET CRISIS NETWORK TRAFFIC AND SECURITY NEEDS

Due to NETSCOUT's flexibility in licensing, global presence and ability to react swiftly, the customer was able to meet their crisis goals quickly and efficiently.

Intelligently Automated, Best Practice Hybrid DDoS Protection, Backed by Global Visibility and Threat Intelligence

The facts are clear – DDoS attacks continue to rise in size, frequency and complexity. Modern-day DDoS attacks are a dynamic combination of:

1. Volumetric
2. TCP State Exhaustion
3. Application-layer attack vectors

Industry-best practice for DDoS defense is a multi-layer, or hybrid approach that takes into account the different types and targets of DDoS attacks. Just as important, the solution must have an intelligent form of communication between these two layers backed by up-to-date threat intelligence to stop dynamic, multi-vector DDoS attacks.

In-Cloud Protection

Arbor Cloud™ is an ISP agnostic, in-cloud, fully managed DDoS Protection service. Employing 14 scrubbing centers located throughout the US, Europe and Asia, Arbor Cloud provides over 11 Tbps of global mitigation capacity. Enterprises can seamlessly integrate their on-premise Arbor Edge Defense (AED) protection with Arbor Cloud to obtain comprehensive DDoS attack protection. Service Providers can also use Arbor Cloud for extra mitigation capacity and expertise.

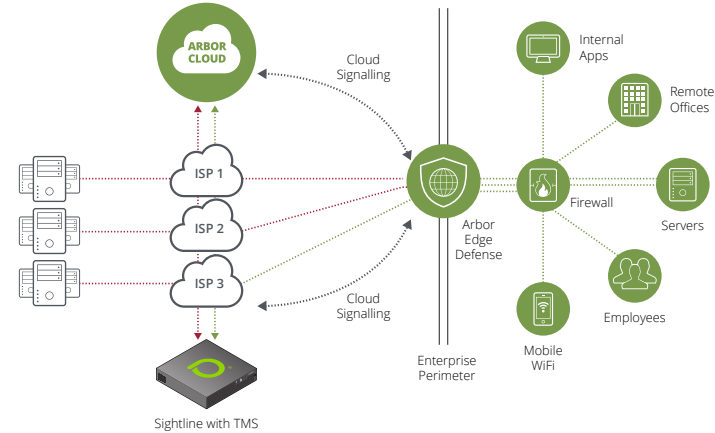
On-Premise Protection

For larger networks and more experienced DDoS attack mitigation teams, Arbor Sightline and Arbor Threat Mitigation System (TMS) provide pervasive network visibility and DDoS attack detection. Upon attack detection, Arbor Sightline can automatically re-route attack traffic to the Arbor TMS for surgical mitigation of all types of DDoS attacks. For smaller networks, Arbor Edge Defense (AED) is an always-on, in-line, DDoS attack detection and mitigation solution which can stop inbound DDoS attacks. For larger DDoS attacks, AED's Cloud Signaling™ will intelligently link to Arbor Cloud.

Global Visibility and Threat Intelligence

Arbor Security Engineering & Response Team (ASERT) leverages a 20-year, worldwide deployment of Arbor products and third-party intelligence – otherwise known as ATLAS® – to gain unmatched visibility into global threat activity. The global insight derived from ATLAS/ASERT continuously arms all Arbor products and services in the form of features, integrated workflows and the ATLAS Intelligence Feed (AIF).

Arbor Products	
Arbor Cloud DDoS Protection Products and Services	<ul style="list-style-type: none"> • A fully managed, tightly integrated combination of in-cloud and on-premise DDoS protection. • 24/7 managed DDoS protection with 14 scrubbing centers around the world providing over 11 Tbps of mitigation capacity.
NETSCOUT Arbor Edge Defense	<ul style="list-style-type: none"> • Always-on, in-line, detection and mitigation of DDoS attacks ranging from sub 100 Mbps to 40 Gbps. • Can stop inbound and outbound DDoS attacks, malware, and C2 communication.
Arbor Sightline & Threat Mitigation System (TMS)	<ul style="list-style-type: none"> • Arbor Sightline provides pervasive network visibility and DDoS attack detection. • Arbor TMS provides out-of-path, stateless, surgical mitigation at up to 400 Gbps per 2U device.
Arbor Sightline with Sentinel	<ul style="list-style-type: none"> • Intelligently optimize mitigation based on infrastructure capability to block attacks in the most efficient and scalable way. • Share attack data and request mitigation help from other networks. • Detailed reporting to see exactly what is being dropped, where, and why.



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NETSCOUT offers sales, support, and services in over 32 countries. Global addresses, and international numbers are listed on the NETSCOUT website at: www.netscout.com/company/contact-us