

CASE STUDY

BrightCloud Enhances A10 Networks TLS Decryption Solution

A10

AT A GLANCE

COMPANY

[A10 Networks](#)

INDUSTRY

Computer hardware
and software

PRODUCTS

[BrightCloud Threat
Intelligence \(BCTI\)](#)

KEY FINDINGS

- Prevents malicious traffic from entering a network
- Provides classified list of URLs for preventive security and traffic bypassing for compliance
- Delivers rich and contextual analytics for an object under investigation

Partner Overview

A10 Networks provides secure application services for on-premises, multi-cloud and edge-cloud environments at hyperscale. A10 enables service providers and enterprises to deliver business-critical applications that are secure, available and efficient for multi-cloud transformation and 5G readiness. They deliver better business outcomes that support investment protection, new business models and help future-proof infrastructures. This empowers our customers to provide the most secure and available digital experience.

The Challenge

The rising volume of encrypted traffic on the Internet provides an opportunity for attackers to stealthily infiltrate networks, using encrypted attacks to install malware. Traditional security devices are not designed to decrypt or encrypt traffic at high speeds, resulting in performance degradation and other network issues.

A10 Thunder® SSLi® (SSL Insight) decrypts traffic across all ports providing TLS visibility and enabling third-party security devices to analyze all enterprise traffic. Thunder SSLi also allows for selective decryption, ensuring that organizations keep up with industry, government and other compliance and privacy regulators. For example, HIPAA compliance may forbid the decryption of private and sensitive healthcare information.

The Solution

To provide selective decryption, A10 needed a way to determine a website's content to decide whether or not it might include privacy and compliance-related data. A10 also leveraged this data to create the Threat Investigator, an application that provides threat scores based on what elements of a security policy an organization can fine tune.

BrightCloud provides the broadest, most up-to-date, and accurate website intelligence across 82 site categories through its Web Classification service. Using this intelligence, A10 makes real-time decisions on whether a site should be decrypted or bypassed, such as a healthcare URL, providing security to its clients while meeting compliance concerns and regulations.

Benefits of the integrated solution

Through BrightCloud's easy-to-integrate SDK, A10 has incorporated numerous BrightCloud services to provide additional data and security to its customers. Through A10's Secure Web Gateway Solution featuring SSL Insight® available options, the following services use BrightCloud data:

- **A10 IP Threat Intelligence Service:** Prevents malicious traffic from entering a network, based on customizable risk score and tolerance
- **A10 URL Filtering with Bypass Service:** Classified list of URLs for preventive security and traffic bypassing for compliance
- **A10 Threat Investigator Service:** Rich and contextual analytics for an object under investigation

About BrightCloud

BrightCloud was the first threat intelligence platform to harness the cloud and artificial intelligence to stop zero-day threats in real-time. The platform is used to secure businesses and their products worldwide with threat intelligence and protection for endpoints and networks. With more than 10 years of experience in building and analyzing the industry's most robust internet threat database, BrightCloud has the strongest coverage model, fewest uncategorized objects and the most historical records which others cannot replicate.

In 2019, BrightCloud was acquired by OpenText, a global leader in Enterprise Information Management. As a whole, we are a market leader in cyber resilience, offering total endpoint protection and disaster recovery for businesses of any size. Discover more at BrightCloud.com.