

## India-based Global Technology Company Gains Visibility into Encrypted Threats and Ensures Privacy and Security with A10 Networks Thunder SSLi



### Introduction

Enterprises around the world trust this global digital technology company to reimagine and enable their businesses for a digital age. With four decades of innovation, this India-headquartered titan combines technology innovation with a world-renowned management philosophy, a culture of invention and risk-taking, and a relentless focus on customer relationships. With 159,000 employees, the company serves 250 of the Fortune 500 and over 650 of the Global 2000.



*One of the key benefits of A10 Networks Thunder SSLi product is its ability to inspect encrypted traffic and gain visibility into hidden threats. Thunder SSLi offloads the decryption work for the other security elements, including our advanced threat prevention platform, which otherwise would require more computational power.*

– Assistant General Manager, Global Technology Company



Industry | Technology



Network Solution  
Thunder SSLi



Critical Issues  
Eliminate the blind spot in encrypted client application traffic globally



Results

- Offloaded TLS/SSL decryption that allowed security devices to detect and stop malware and other threats hidden in encrypted application traffic
- Ensured security and privacy of thousands of client applications
- Boosted performance of security infrastructure and avoided unnecessary upgrades

## Security Challenges Galore

Enterprise clients rely on many thousands of applications managed by this India-based global technology company, including SAP, Microsoft, and Oracle platforms as well as advanced data analytics, AI, and IoT. Encryption is essential to protect clients' digital assets and businesses as they connect to software-as-a-solution (SaaS) resources over the internet.

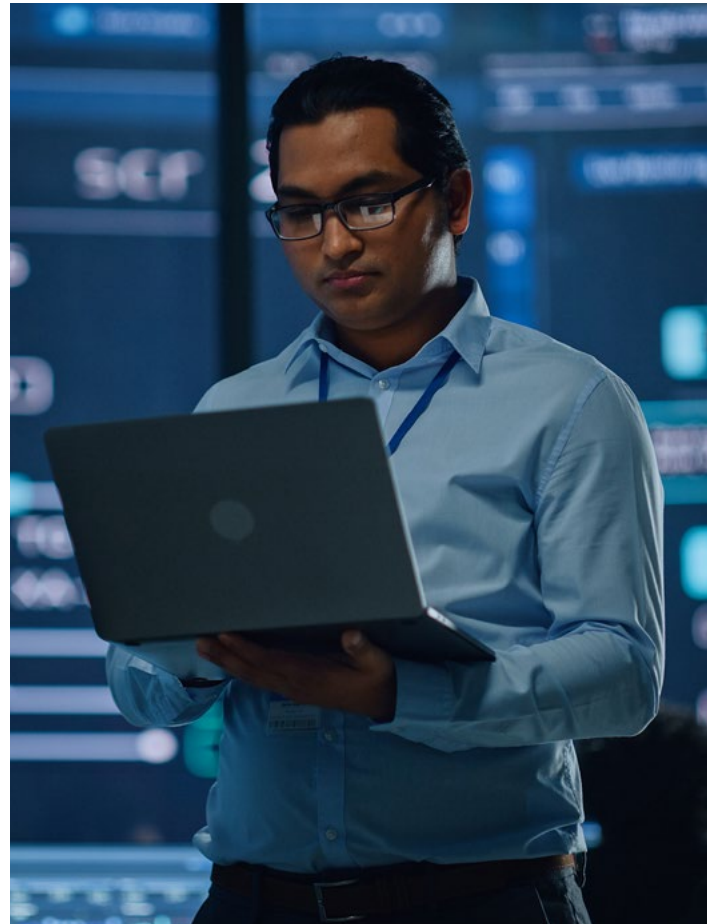
But encryption also creates a blind spot. Criminals have also taken note of the advantages of digital privacy, and commonly hide their presence in encrypted traffic. Without inspection of TLS/SSL encrypted traffic, criminals can cover up their digital footprints. Malware command-and-control operations can be hidden. Stolen user account credentials or data can be silently exfiltrated.

*"We had no visibility and control over 90% of our internet traffic, which can lead to malware threats or data exfiltration."*

*– Assistant General Manager*

The assistant general manager, who leads the design of the company's data and content security worldwide, was aware of this rising risk, and took early action on encrypted traffic inspection.

"Not having the capability to inspect encrypted internet traffic was a big threat vector," he says. "We needed to gain visibility into the encrypted traffic on the web channel. It was absolutely vital for us moving forward."



## Selection Criteria

The company gathered its requirements for an encrypted traffic inspection solution and set up a proof-of-concept test for the leading TLS/SSL decryption products.

*"Our criteria was simple. We wanted a TLS/SSL encrypted traffic inspection solution that would be reliable, have no operational challenges, and integrate easily with other security solutions. We also wanted a vendor that would have an open mindset to engage in a long-term relationship. Thus, we zeroed in on A10 Networks."*

*– Assistant General Manager*

## A10 Networks Thunder SSLi Saves the Day

The India-based global technology company uses A10 Networks Thunder® SSLi in its global data centers for encrypted traffic inspection, enabling its FireEye NX network threat prevention platform to inspect traffic for malware and advanced threats.

*“With wonderful support from our local A10 Networks system engineer, we were able to fully observe the capabilities of the Thunder SSLi operating system and design a scalable architecture that met our needs.”*

*– Assistant General Manager*



## The Results? Improved Security and Speedy ROI

“One of the key benefits of Thunder SSLi is the ability to inspect encrypted traffic and gain visibility into hidden threats,” says the assistant general manager. “Thunder SSLi also offloads the decryption work for the other security elements, including our advanced threat prevention solution, which otherwise would require more computational power.”

Offloading decryption of TLS/SSL traffic frees up the company’s FireEye NX platform to detect and block advanced malware, targeted attacks, and other evasive attacks, ultimately mitigating risks for the company and its customers. Offloading decryption to the specialized A10 Networks Thunder SSLi solution avoids infrastructure upgrades and maximizes the return on security product investments.

With Thunder SSLi, the company can now apply fine-grained, policy-based controls over TLS/SSL network traffic, ensuring the privacy and security of its thousands of SaaS applications.

“We were pleased with the flexibility and granularity of Thunder SSLi,” he says. “We have many different ways to achieve our business requirements, which is very impressive.” Encrypted TLS/SSL traffic inspection with Thunder SSLi is a critical element in an innovative security ecosystem that protects the global conglomerate’s customers and their digital business.

*“A system is not complete unless it can share information with other products. We needed an end-to-end delivery solution that required an open API.”*

*– Assistant General Manager*

Thunder SSLi met that requirement with a comprehensive API, called aXAPI, that allows seamless integration across the ecosystem, such as security infrastructure, orchestration platforms, or service-desk solutions.



## Success and Next Steps

The company plans to expand the use of Thunder SSLi for encrypted traffic inspection beyond enabling advanced network traffic analysis for malware detection and threat prevention.

*“When we started, we had a requirement for the advanced threat protection system, and now we are expanding our scope thanks to A10’s Thunder SSLi solution.”*

*– Assistant General Manager*



## About the Global Technology Company

The India-headquartered organization is a next-generation global technology company that helps enterprises reimagine their businesses for the digital age. Its technology products and services are built on four decades of innovation, with a world-renowned management philosophy, a strong culture of invention and risk-taking, and a relentless focus on customer relationships. The company also takes pride in its many diversity, social responsibility, sustainability, and education initiatives. Through its worldwide network of R&D facilities and co-innovation labs, global delivery capabilities, and over 159,000+ “ideapreneurs” across 50 countries, the company delivers holistic services across industry verticals to leading enterprises, including 250 of the Fortune 500 and 650 of the Global 2000.





Six features to consider when evaluating  
TLS/SSL decryption solutions



## The Ultimate Guide to TLS/SSL Decryption

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Request a live demo  
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## A10 Networks Difference

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## About A10 Networks

A10 Networks (NYSE: ATEN) provides secure application services for on-premises, multi-cloud and edge-cloud environments at hyperscale. Our mission is to enable service providers and enterprises to deliver business-critical applications that are secure, available, and efficient for multi-cloud transformation and 5G readiness. We deliver better business outcomes that support investment protection, new business models and help future-proof infrastructures, empowering our customers to provide the most secure and available digital experience. Founded in 2004, A10 Networks is based in San Jose, Calif. and serves customers globally.

For more information, visit [A10networks.com](https://www.a10networks.com) and follow us [@A10Networks](https://twitter.com/A10Networks).

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