

# Symantec Technology Partner: Corsa Technology



**Partner Product:**  
NSE7200 Network Control Point

**Symantec Product:**  
SSL Visibility Appliance

## Business Challenge

Decrypting Secure Sockets Layer/Transport Layer Security (SSL/TLS) traffic on large, high-speed networks is extremely challenging. Companies install progressively larger security devices, but to no avail: Even the largest security devices suffer from unacceptably poor performance when trying to decrypt and then inspect SSL/TLS traffic.

Because of these challenges, most organizations simply choose to not inspect encrypted traffic. That is no longer a viable option for two reasons.

- Most traffic today is encrypted; we believe virtually all network traffic will be encrypted in the near future.
- The percentage of advanced persistent threats and malicious content delivered via SSL/TLS is increasing rapidly.

Given these trends—more encrypted traffic, more threats using encryption as a cloak—every enterprise network security operation must decrypt and inspect all traffic.

Make it happen with Corsa NSE7200 Network Control Point and Symantec SSL Visibility Appliance.

## Combined Benefits

- Inspect 100 percent of network traffic by horizontally scaling Symantec SSL Visibility Appliances across 10G, multiple 10G, and 100G links.
- Scale virtual and physical SSL Visibility Appliances for decryption and inspection.
- Symmetrically load balance bidirectional traffic between as many as 128 instances of in-line appliances.
- Seamlessly add decryption appliances to the same topology as needed.
- Seamlessly add appliances to your existing network without adding virtual LANs or IP addresses, or making routing changes.
- Simply configure the setup in just five steps (under 10 minutes).

## Integrated Solution

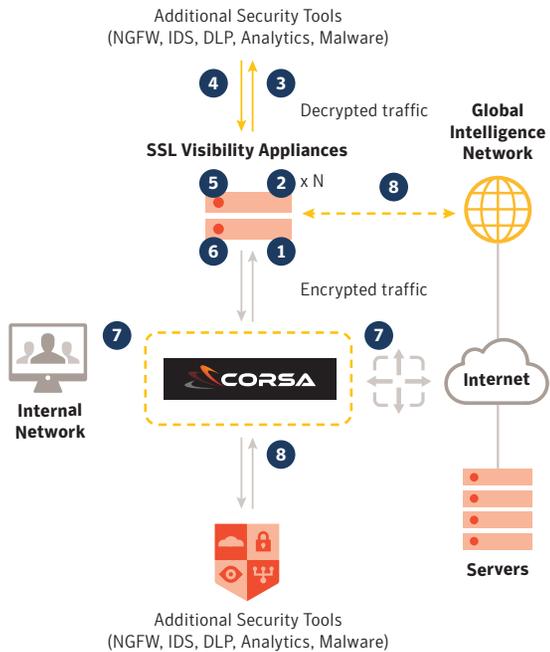
With its patented SmartWire technology, Corsa NSE7200 scales Symantec SSL Visibility Appliances simply by splitting work between more devices. The result: You inspect 100 percent of your organization's traffic.

### Symmetry is key

Corsa's load balancing technology with fate sharing ensures that all network flows pass through the same SSL Visibility Appliance, as required for SSL/TLS decryption.

As you add and remove Symantec appliances, each side of the conversation is always directed to the same physical or virtual appliance. This synchronizes the two load-balanced groups on each side of the SSL/TLS decryption appliance.

**Corsa Technology symmetrically balances loads, dynamically scaling Symantec SSL Visibility Appliance to multiple 10G or 100G interfaces.**



**How It Works**

1. The Corsa NSE7200 directs all SSL/TLS traffic to the physical or virtual SSL Visibility Appliance(s).
2. The SSL Visibility Appliance decrypts the traffic.
3. The appliance sends the traffic for further security functions such as NGFW, forensics, malware analysis, and regulatory compliance.
4. The security service chain treats the traffic and returns it to the appliance.
5. The appliance re-encrypts the traffic and passes it to the Corsa NSE7200.
6. Corsa maintains flow conversations with symmetric and bidirectional load balancing, sending traffic to its correct destination.
7. Additional security functions can be incorporated as required by the network and security architecture.

**SSL/TLS scale when and where needed**

Corsa NSE7200 SmartWire technology supports 10G, multiple 10G, and 100G interfaces—and you can use all its ports and full bandwidth capabilities right out of the box.

For example, you can build out your SSL/TLS visibility infrastructure on one or two ‘north-south’ 10G links. As network traffic grows, add more 10G links between the upstream and downstream routers—without changing topology and without purchasing more bandwidth or more ports on the NSE7200. Then add more SSL Visibility Appliances (virtual or physical) as needed to scale the inspection capabilities, independently of north-south path upgrades.

You can easily upgrade to 100G interfaces on your routers when it makes sense; no forklift upgrade to your SSL/TLS visibility infrastructure required.

**Path to virtualized infrastructure**

SSL/TLS decryption uses horizontal scalability to take advantage of virtualized infrastructure and the cloud.

With Corsa NSE7200, you simply add virtual appliances (running on general-purpose server hardware) to the same network path as physical appliances. Add logical sub-interfaces (corresponding to each virtual appliance) to the same load balance groups already containing physical interfaces. Doing so doesn’t change behavior, and it guarantees flow symmetry in both directions. This mixed approach offers organizations the best of both worlds regardless of network size, and supports future growth.

**Conclusion**

The Symantec and Corsa Technology partnership provides 100-percent SSL/TSL traffic decryption/encryption—dynamically, flexibly, and cost-effectively. The solution takes just a few minutes to install and configure, and it can scale just by adding physical or virtual SSL Visibility Appliances. This makes it easy to keep your costs in line with your capacity needs over time.

**About Symantec**

Symantec Corporation (NASDAQ: SYMC), the world’s leading cyber security company, helps organizations, governments and people secure their most important data wherever it lives. Organizations across the world look to Symantec for strategic, integrated solutions to defend against sophisticated attacks across endpoints, cloud and infrastructure. Likewise, a global community of more than 50 million people and families rely on Symantec’s Norton and LifeLock product suites to protect their digital lives at home and across their devices. Symantec operates one of the world’s largest civilian cyber intelligence networks, allowing it to see and protect against the most advanced threats. For additional information, please visit [www.symantec.com](http://www.symantec.com) or connect with us on [Facebook](#), [Twitter](#), and [LinkedIn](#).

