

THE LATEST THREAT TO BUSINESS NETWORKS:

ENCRYPTED WEB TRAFFIC



CYBER ATTACKERS ARE INCREASINGLY ACCESSING BUSINESS NETWORKS VIA ENCRYPTED INTERNET TRAFFIC - AND MANY ORGANIZATIONS ARE UNAWARE OF ITS DEVASTATING POTENTIAL.

The Internet is now nearly 100% encrypted. Encryption technology has enabled much greater privacy and security for enterprises that use the Internet to communicate and transact business online - so what's the issue? Unfortunately, this also creates a problem for enterprise security. Cyber-criminals can use SSL to hide dangerous malware from an organization's security devices.

THE INTERNET IS BECOMING FULLY ENCRYPTED



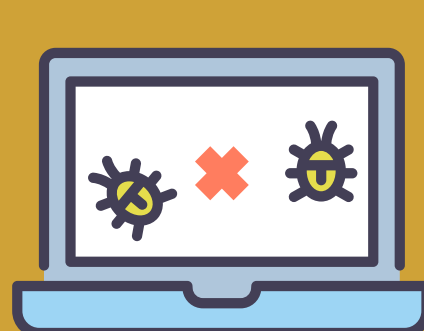
94%

of all Google web traffic is encrypted ^{*1}



80%

of web pages use HTTPS ^{*2}



70%

of web malware is encrypted ^{*3}

THE ALARMING CONSEQUENCES THIS YEAR...

OVER 70%

of malware attacks will use some type of encryption to conceal malware delivery, command-and-control activity, or data exfiltration

60%

of organizations will fail to decrypt HTTPS, missing targeted web malware

THE STAGGERING EFFECTS OF A DATA BREACH

197 DAYS

INDUSTRY AVERAGE DETECTION TIME FOR A BREACH

69 DAYS

INDUSTRY AVERAGE TIME TO CONTAIN A BREACH

=

\$3.86M

AVERAGE COST OF A DATA BREACH

Without inspection, encrypted traffic presents an easy opportunity to slip right past a company's network defenses.

Failing to inspect encrypted traffic is no longer an option for security and network administrators. Protect your network and deploy an SSL traffic inspection solution, like BCN's Cloud Firewall Service, that utilizes Zscaler Firewall Technology enabled by the AVAST Secure Internet Gateway (SIG).

BCN Cloud Firewall Service quickly performs a high-speed, intelligent analysis of hard-to-inspect SSL/TLS traffic with SLA and blocks packets that cannot be decrypted, and executes granular policy control for content exclusion.



BCN Cloud Firewall Service is designed for businesses that want to enhance security and streamline administration with reliable, always-on protection against web and Internet threats across all devices, locations, and users.

Is your business shielded from the hidden dangers in encrypted traffic?

