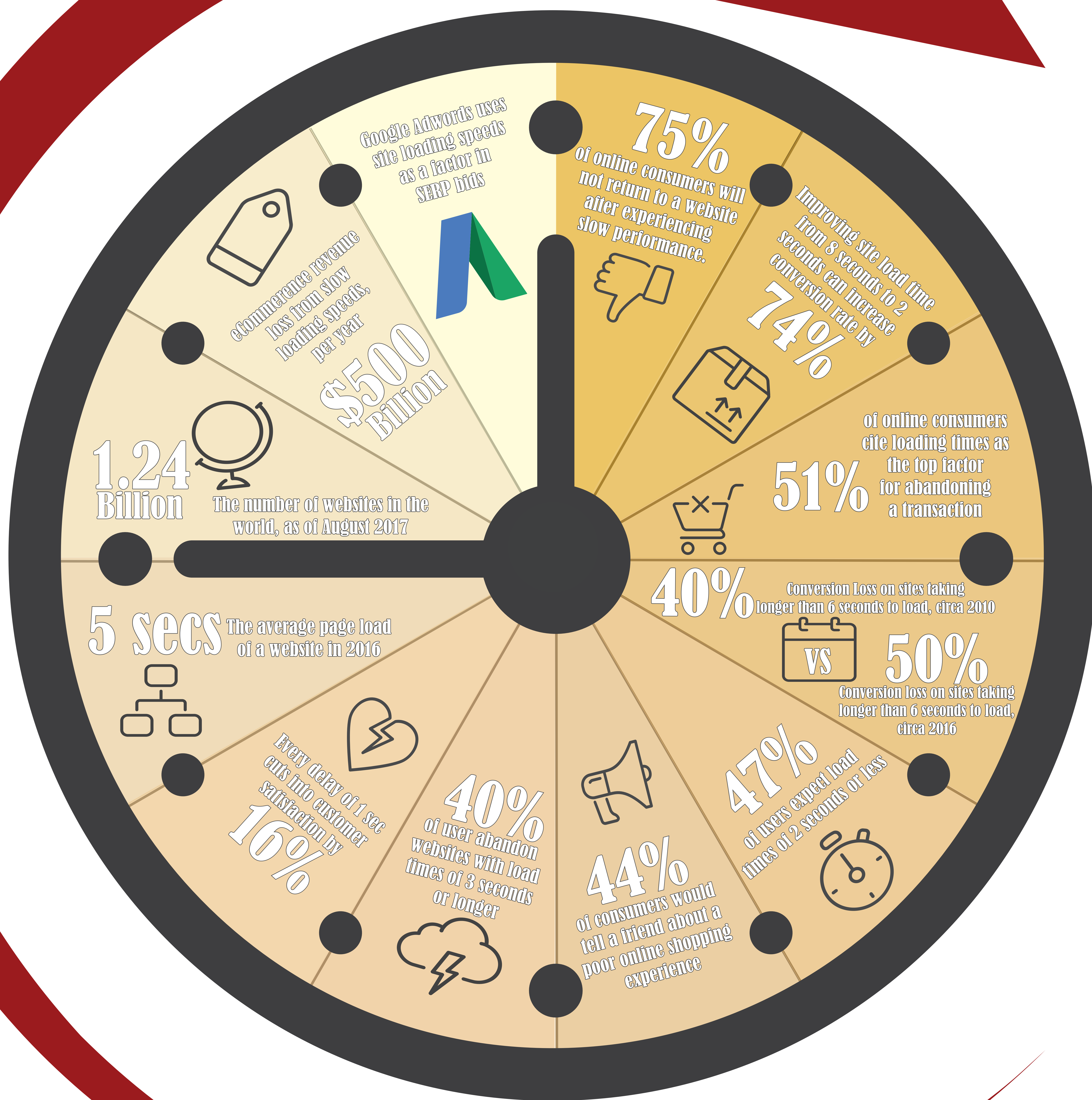


Security, Load Times, & Your Wallet



The stakes are high when it comes to site loading speed & your bottom line. How can cyber security affect performance?

The Culprits

Inline Firewalls

Sometimes referred to as "bumps in the wire," inline security appliances scan incoming packets using Deep Packet Inspection (DPI) to ensure that inbound data is safe. In some cases, this packet scanning process can eat up time in server exchanges between a user and a website.



Secure Socket Layer (SSL)

Think of SSL as a handshake that guarantees an encrypted link between a server host and a users' desktop. After a secure connection is established, a session key is generated that is used to verify exchanges for the remainder of a session. The initial handshake can stall any further progress until the secure connection is complete, inserting precious nanoseconds between a user and your website.



Desktop AntiVirus

Another huge snag in the smooth operation of your website can be found on the users' desktop. Endpoint protection represents another point of delay in the exchange between your website and a user. As information is fed into the browser, the process is on pause until AntiVirus applications are able to verify a safe server.

Don't sacrifice security for speed. Firewalls.com has next-gen firewalls, configuration services, & endpoint protection designed to provide impenetrable security layers without sacrificing site speed!

Sources

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