

## What is Malware and how SiteLock prevents it

### What is Malware?

The malicious software- popularly known as malware, can be easily installed on your website by hackers who find weaknesses on your web server. A website can have thousand potential vulnerabilities for the malware injection. Once a malware injection is placed on your website, malware can be easily used to spread viruses. This can also steal personal or financial data, and can hijack computers. Since it is not easily detected, malware may infect the computers of your customers once they visit your website. All this can damage your visitor's trust and affect your company's reputation and a lost business.

### Website Malware Security Scanning

The malware problem is a huge one and is growing at a fast pace. By the end of 2010, the unique malware programs count stood at 14 million, and some 60,000 pieces of the new malicious code are detected every day. Although the fight is on its way, the threat however is a moving target. Hackers find new ways to write bigger and better malware.

Website security scans search your site, looking for suspicious things like malware, harmful code, etc. When the scan finds something that doesn't look right, either you get an alert or the SiteLock's SMART (Secure Malware Alert & Removal Tool) takes it a step ahead and automatically removes anything harmful. While many security services perform only the surface-level scans, SiteLock on the other hand, examines your site from inside-out. The TrueShield firewall added to all scanning packages, ensures that once your website is scanned and secure, it stays that way.

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### How Does SiteLock protect Malware?

SiteLock's website scanning technology detects the threat that can harm your visitor's and customer's website. Whether blogs, other content driven sites or e-commerce websites, SiteLock scans your site for malware injections, website vulnerabilities, and other threats to your online business.

Some of the security benefits of 360° website scanning are:

- Keeps your website online and off blacklists. The SMART scan takes a comprehensive look at your website to detect hidden malware. If detected, the automated tool quickly removes it.
- Protects your reputation and ensures an uninterrupted communication with your customers. SiteLock's scanners verify that your website is safe from blacklists, your e-mail does not get marked as spam, and your SSL certificate is valid.
- Stay up to date. The vulnerability scanning identifies the application that you have installed. If any vulnerability is detected by SiteLock, it is immediately reported.
- Prevents SQL injection and Cross-site Scripting. SiteLock's SQL injection and application scans review all the files and applications on your website to detect any injections that have been inserted in your website code.
- A network scan which checks almost each and every port on your server makes sure that only the appropriate ports are open for the type of server you are using (e-mail ports for e-mail servers, web ports for web servers, etc.)
- Prevents attack. The True Shield firewall adds additional protection by blocking the malicious traffic and harmful requests.