

How Strongarm's Malware Solution Protects Universities

DID YOU KNOW?

10% of malware attacks and hacking attempts are aimed at universities. Source: Financial Times

Universities fend off up to 22 million cyberattacks per day. Source: Inside Higher Ed



With universities storing valuable intellectual property, personally identifiable information, and other sensitive data on their networks, these organizations are a major target for cyberattacks today. However, faced with budget cuts and shrinking IT teams, universities have been limited in what they can do to protect themselves from these attacks. **It's time for that to change.**

Strongarm is an efficient way to stop malware from threatening the security of data at educational institutions. Our simple and automated malware protection helps universities protect their networks without requiring expensive security appliances, cumbersome client-side agents, or hard-to-find analysts.

How it Works



Pinpoint

Strongarm's threat intelligence indicators know all about the latest malware threats, so it can automatically identify malware when it infiltrates your network. It's highly accurate, without false positives getting in your way.



Disarm

Once identified, Strongarm immediately sends any infection to our blackhole. This allows your students, staff, and visitors to work securely and uninterrupted while we eradicate malware, keeping IP and sensitive data safe.



Engage

Unlike traditional "block and drop" network security, we speak directly to the malware, establishing a line of communication to find out what it is, what it wants, and where it came from. The longer it talks to us, the more we know.



Investigate

Often after a malware incident, additional clean-up and forensics work is required to be sure that you found and removed the root cause. Strongarm automatically captures detailed information about the malware that assists in the clean-up. It then assesses the damage that was done by the malware, gathering important information to help protect against future attacks.



Remove

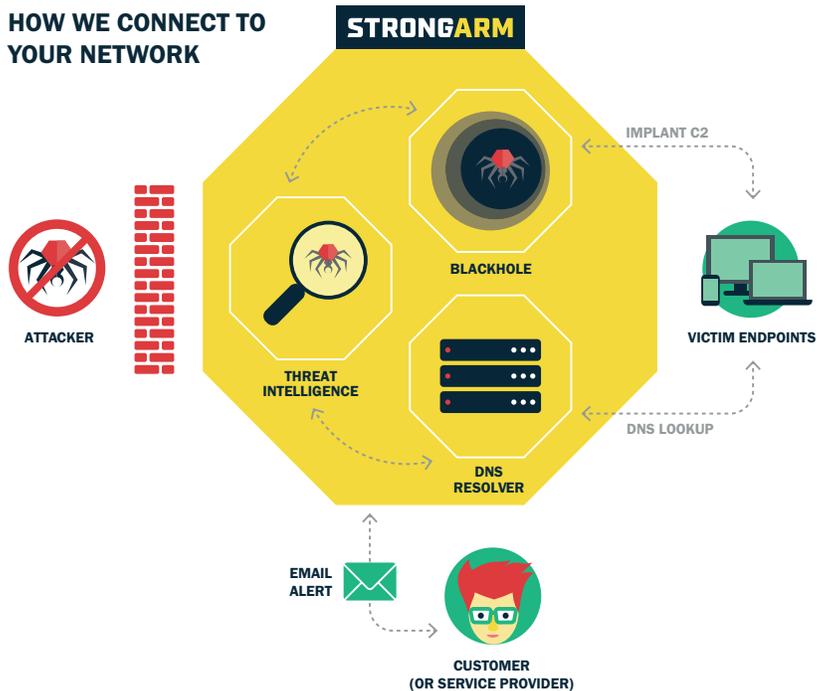
We don't just stop malware in its tracks; we actually **eradicate it from the entire network.** From the information gathered while engaging the malware, Strongarm can identify the infected machine(s) to effectively root out the malware. Removal can be as simple as a single click, saving hours of manual effort and reducing the need for expensive, complex tools.

What is a DNS Blackhole?

Strongarm's core technology is our DNS blackhole. Here's how it works:

When malware gets into your systems, our DNS blackhole traps and isolates it so that it can't "phone home" to the criminals who sent it (this is how it takes over the system and steals information or holds you hostage). We intercept their malicious communications and use that information to determine exactly where the malware is, what it's trying to do and what parts of your system may be affected. Armed with this information, we can eradicate it quickly, keeping your data and intellectual property safe from harm.

HOW WE CONNECT TO YOUR NETWORK



Why Universities Choose Strongarm



Budget-Conscious Pricing

Strongarm offers enterprise-level security at a fraction of the price. With Strongarm, universities and other educational institutions can cost-effectively protect against and clean up malware attacks. There's no need for a huge security staff or dedicated malware experts.



Always-On Protection

Keep intellectual property and other sensitive data secure 24/7 with Strongarm's malware protection. Our set-it-and-forget-it solution continuously secures and protects against malware attacks at universities, such as ransomware and botnets.



Easy to Deploy and Manage

With no agents to install and no hardware required, your institution can get up and running with Strongarm in minutes. Because it focuses on securing the network, not endpoints, Strongarm is BYOD-friendly and ideal for the modern campus.



Intelligent Alerting

When our alerts arrive, you can be sure we've found malware and that we'll handle it automatically. Need more information on a threat? Strongarm's alerts are packed with the context you need to get the full picture, making cleanup a breeze.

Protect Your Institution from Malware

Educational institutions like yours can no longer ignore threats, but we know you can't always afford expensive solutions or ones that require hours of a security expert's time to deal with threats. Strongarm offers an automated and scalable solution at a price specifically designed for universities.

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