Cyberinc

Isla Protection for Email and Web Threats

Phishing

Isla secures malicious links in spoofed and phishing emails by isolating them from your endpoint. Your users remain safe with fetch, render and execute functions all performed safely away from your endpoint regardless of what links they click.

Credential Theft

Isla renders potentially risky sites in read-only mode, preventing users from entering and inadvertently losing their credentials in addition to isolating malicious code from the user's endpoint.

Weaponized Documents

More organizations are moving toward sharing documents via links to download rather than using attachments. These documents are protected within Isla. Policy-based controls allow administrators to determine if web-based document downloads are allowed, while content is also rendered in a safe form. Administrators have the ability to choose individual, group or organization policies to fit specific needs and protect against weaponized documents.

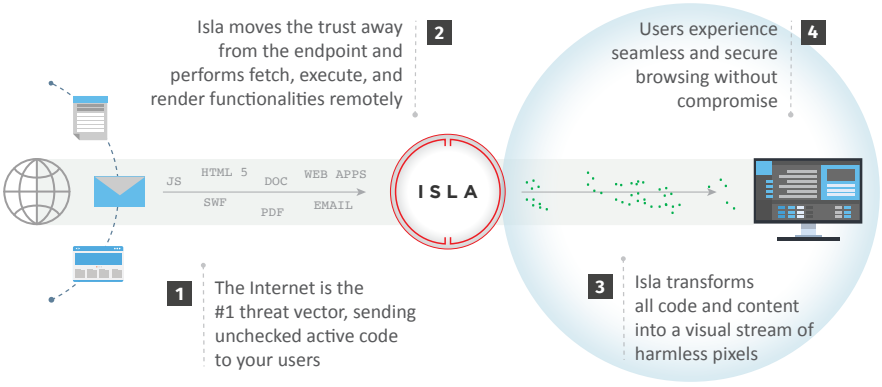
Email Threat Protection

It's no surprise that the majority of security professionals consider phishing emails one of their key security concerns. Today, more malware is delivered by email than any other method,[1] primarily relying on phishing tactics to entice an organization's users to click an errant link, allowing malware to slip on to their endpoint. No matter how much we train end users, some will always click on links inside a phishing email[2] opening your organization up to a breach.

With the Isla isolation platform, your users are safe from email threats including credential theft, phishing and weaponized documents. While user safety training is important to modify user behavior, it doesn't take care of highly targeted attacks or compulsive clickers.

Detection-based methods are only moderately effective, and always need to adapt to attacker behavior. Attackers themselves are always pushing the envelope, now also using AI as a key tool to evade detection - testing has revealed that such innovations improve spear phishing success rates to 30-60 percent.[3] The breaches take just a matter of minutes to become successful but go undetected for days and take additional days to contain. The cost of a single breach has the potential to put many organizations out of business (the average cost of a data breach in 2020 will exceed $150M).[4] As businesses grow more dependent on technology the need to rethink our security model becomes imperative if we wish to stay ahead of the attackers.

Email Security with Isla



Isla neutralizes threats by implementing a Zero Trust framework that isolates all incoming code, scripts, media and other web content. Isla remotely fetches, executes and renders all content - away from your endpoint, and pixel streams the result to the endpoint, thwarting even the most complex threats and zero-day attacks. Users continue to use the web and their applications as always, but now they are safeguarded behind a layer of isolation.

Isla protects your data from email threats, such as malicious links and phishing attacks. Users get notified when a page is suspicious and are safeguarded from inadvertently losing their credentials by rendering suspicious URLs in read-only mode.

Email Threats

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Isla Email Protection	
Email-based Attack Protection	Isla fetches, executes, and renders all web content, including email, away from the endpoint ensuring no external code touches your device
Malicious Links	Isla isolates all web traffic, including any links your users might click within their email
Malicious Email Attachments	Scanning of email attachments via Isla and 3rd Party sandboxes for known and unknown threats
Credential Theft Protection	Safe Surf renders suspicious sites in a read-only mode to stop end users from unintentionally compromising their login credentials or risk losing other valuable information during phishing attacks
Support for a Broad Range of Web-based Email Servers	Gmail | Office 365 | Microsoft Exchange

[1] 110 Must-Know Cybersecurity Statistics for 2020 https://www.varonis.com/blog/cybersecurity-statistics/
[2] 2019 Data Breach Investigations Report https://enterprise.verizon.com/resources/reports/dbir/
[3] https://www.csoonline.com/article/3250144/6-ways-hackers-will-use-machine-learning-to-launch-attacks.html
[4] https://www.vumetric.com/statistics/the-average-cost-of-a-data-breach-in-2020-will-exceed-150m/

About Cyberinc

Cyberinc helps you experience a safer Internet by proactively stopping web, email, and document-based threats. Cyberinc's Isla platform uses cutting-edge isolation technology to neutralize threats and prevent them before they have a chance to act, simplifying the security strategy and delivering immediate protection. Cyberinc is trusted by businesses of all sizes and governments around the world.

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