

## Isla Protection for Web and Email 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.

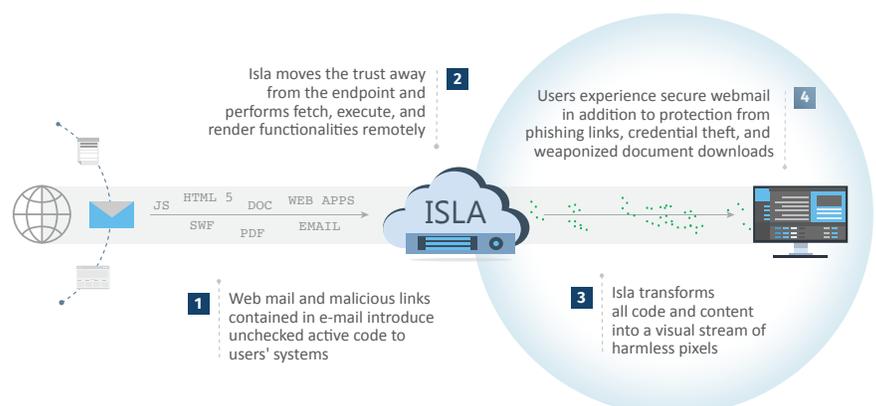
## Email Threat Protection

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,<sup>1</sup> primarily relying on phishing tactics to entice an organization's users to click an errant link, allowing malware to slip on to their endpoint. Approximately one-third of users will click links inside a phishing email<sup>2</sup> 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<sup>3</sup>- testing has revealed that such innovations improve spear phishing success rates to 30-60 percent.<sup>3</sup> The breaches take just a matter of minutes to become successful but go undetected for an average of 163 days and take an additional 54 days to contain. These breaches cost individual organizations \$3.6 million per breach or \$141 per individual record lost in a data breach, giving a single breach the potential to put many organizations out of business.<sup>4</sup> 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.

## Isla Email Protection

 <b>Phishing</b>	Isla fetches, executes, and renders all content away from the endpoint ensuring no external content touches the endpoint
 <b>Malicious Links</b>	Isla isolates all web traffic, including any links your users might click within their email
 <b>Document Downloads</b>	Policy controls allow the administrator to implement group, individual or organizational policies for document downloads
 <b>Credential Theft Protection</b>	Isla renders suspicious sites in a read-only mode that stops end users from unintentionally compromising their login credentials or risk losing other valuable information
 <b>Support for a Broad Range of Mail Servers</b>	Gmail   Office 365   Microsoft Exchange

<sup>1</sup>"Top Cybersecurity Facts, Figures and Statistics for 2018." CSO Online. <https://www.csoonline.com/article/3153707/security/top-cybersecurity-facts-figures-and-statistics.html>.

<sup>2</sup>"Employees Still Falling for Phishing Scams." IT PRO. <https://www.itpro.co.uk/security/27096/employees-still-falling-for-phishing-scams>.

<sup>3</sup><https://www.csoonline.com/article/3250144/6-ways-hackers-will-use-machine-learning-to-launch-attacks.html>

<sup>4</sup>"What Does Stolen Data Cost [per Second]." CSO Online. [www.csoonline.com/article/3251606/what-does-stolen-data-cost-per-second.html](https://www.csoonline.com/article/3251606/what-does-stolen-data-cost-per-second.html).

### 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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