

# Isla Isolation Platform

The internet helps organizations do just about everything - but it has also become our biggest security risk. Keeping your organization safe from cyber threats gets complicated, resource-intensive, and error-prone with traditional detection-based approaches that layer on solutions. It doesn't have to be.

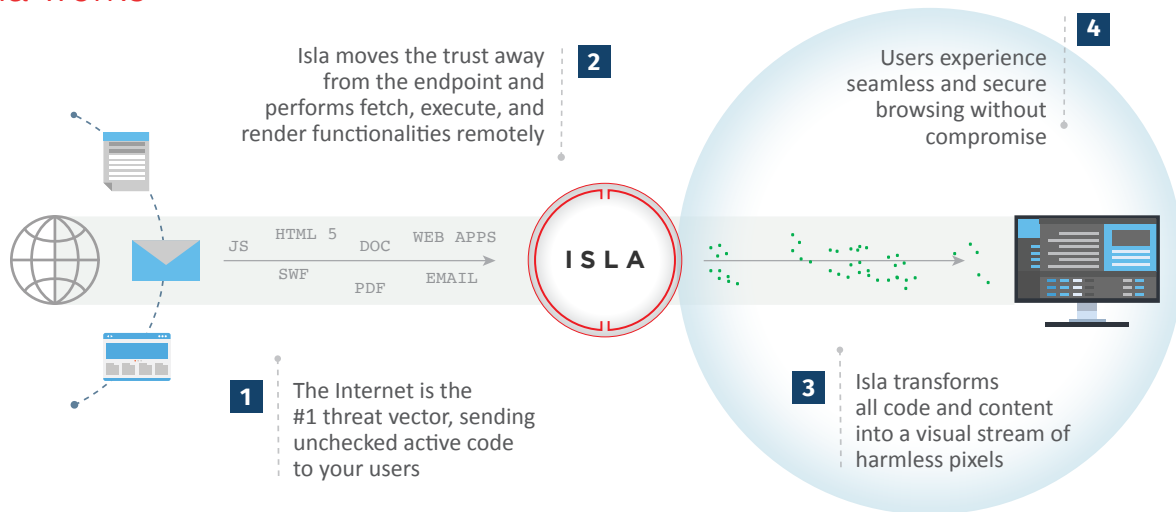
Isla Isolation Platform neutralizes threats through browser isolation, preventing attacks before they can act. By transforming all internet content into harmless pixel streams delivered to the endpoint in a seamless user experience, Isla creates a Zero Trust environment that nearly eliminates all infections and compromises.

## Why Isla?

Simply put - if you could stop breaches before they happen, why would you choose not to?

Isolation is the only technology that truly prevents breaches from occurring while ensuring organizational productivity. Isla makes this possible by securing all code, media objects, and scripts in a remote virtual browser and transforming it into a stream of harmless pixels remotely rendered to your user's endpoint. Ensure a seamless end-user experience that is as simple as it is secure.

## How Isla works



## Isla Benefits

- **Proactive Security** - Stop threats before they become a breach; proactively get ahead of new threats.
- **IT Productivity** - Stay ahead of attacks and focus on critical tasks instead of being burdened with alert storms.
- **Seamless User Experience** - No change to user behavior required; they use their browsers exactly as before.
- **Regulatory Compliance** - Isla helps meet PCI, HIPAA, MPAA, and other regulatory compliance requirements.
- **Broad OS & Browser Support** - Windows, Mac, and Linux-friendly security available on all major browsers.
- **User Behavior & Threat Visibility** - Isla's rich dashboard provides insight into attack vectors, targeted users, and user behavior.
- **Acceptable Use Policy Enforcement** - Enforce corporate and regulatory requirements with policy-based browsing controls and reporting.

## Protection for What Matters Most



### Web

All external code is intercepted and transformed into harmless pixels before it has a chance to touch the endpoint.



### Email

Experience email that is safe from malware, phishing attempts, and malicious links when it is isolated within the Isla Isolation Platform.



### Documents

Weaponized documents are remotely rendered in safe mode with administrative controls to allow document downloads.



### Web Apps

Web Apps containing sensitive information are secured within Isla preventing compromised applications from gaining access to your endpoint.

## Web-based Attacks

With most cyber-attacks coming from your browser, ensuring its security is more important than ever. Using a Zero Trust model, Isla isolates all code, media, and scripts coming through your web browser and neutralizes threats without the need for detection or compromising productivity. Your users can do everything they did before but now their endpoint is safeguarded, and your attack surface is dramatically reduced.

### Isla Web Protection

#### Remote Fetch, Execute, & Render

Isla fetches, executes, and renders all content away from the endpoint ensuring no external code touches your device

#### Disposable Virtual Environment

Every user is isolated in a disposable remote environment to ensure no threat propagation within shared environments

#### Credential Theft Protection

Safe Surf renders suspicious pages in a read-only mode to protect end users from unintentionally compromising their credentials or risk losing other valuable information

#### Malvertising, Ransomware, & Cryptomining Protection

Isolate web-borne attacks and prevent breaches. When your users visit a page, Isla remotely fetches, executes, and renders the information keeping your users safe

#### Drive-by Download Protection

Drive-by downloads are eliminated by remote rendering techniques used by Isla's complete web isolation

#### Zero-day Attack Protection

Isla doesn't sift or scour for threats instead adopts a Zero Trust model. Known attacks or zero-day attacks are stopped equally effectively

## Email Threats

With phishing attacks on the rise email delivers a new set of concerns for enterprise security.

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.

## Weaponized Documents

Isla enables policy-based controls and transforms documents into a safe rendering to keep document downloads from putting your organization at risk of breach. Isla protects you from document-based threats including scripts, macro viruses, trojans, keyloggers, spyware, ransomware, and rootkits.

## Web App Vulnerabilities

Web Applications enhance business processes but come with threats and vulnerabilities. Isla secures web apps preventing compromised applications from gaining access to your endpoint.

### Isla Email Protection

<b>Email-based Attack Protection</b>	Isla fetches, executes, and renders all web content, including email, away from the endpoint ensuring no external code touches your device
<b>Malicious Links</b>	Isla isolates all web traffic, including any links your users might click within their email
<b>Malicious Email Attachments</b>	Scanning of email attachments via Isla and 3rd Party sandboxes for known and unknown threats
<b>Credential Theft Protection</b>	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
<b>Support for a Broad Range of Web-based Email Servers</b>	Gmail   Office 365   Microsoft Exchange

### Isla Document Protection

<b>Policy-based Controls</b>	Define policies to control who can download and who can't
<b>Document Threat Neutralization</b>	Transform documents into a safely-rendered form protecting users from threats delivered through document downloads
<b>Zero Day Protection</b>	Integration with Isla and 3rd Party sandboxes for known and unknown threats
<b>Protection from Multiple Document Threat Types</b>	<ul style="list-style-type: none"> <li>• Macro Viruses</li> <li>• Trojan</li> <li>• Keyloggers</li> <li>• Spyware</li> <li>• Ransomware</li> <li>• Rootkits</li> </ul>

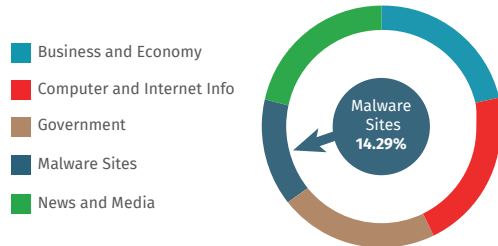
### Isla Web App Protection

<b>Breaches</b>	Isla prevents breaches coming from attacks within compromised web applications
<b>Protection from Compromised Web Applications</b>	Isla isolates compromised web applications, safeguarding your endpoints and organizations against attack proliferation
<b>Risk Reduction</b>	Reduce your attack surface by 70% by eliminating major threat vectors

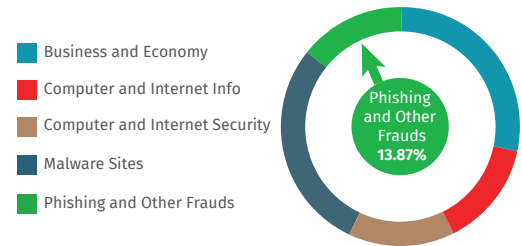
## Analytics & Reporting

Isla provides the insight you need into user behavior, threat analytics, and insights, as well as other system information to help navigate your deployment as well as stay informed about the threats impacting you. Isla provides dashboards and reports so you don't have to correlate data across multiple web, network, and endpoint security products. See threats averted, browsing sessions, websites blocked, downloads disallowed, threat metrics by user, and more.

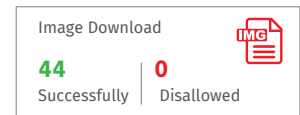
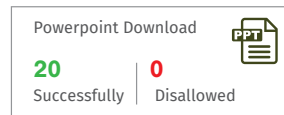
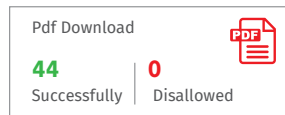
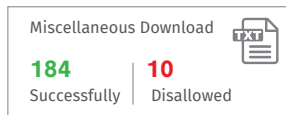
### Category Browsing



### Category Threat Metrics



### File Metrics



### Downloads Report

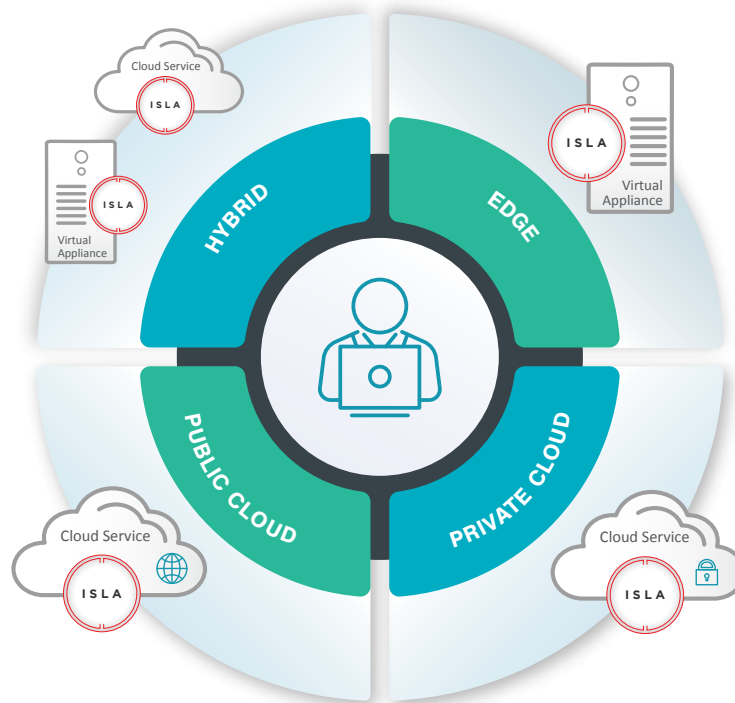
Date & Time	User Name	File Name	File Type	File Size	Scanning Message
2019-11-01 11:57:50	admin@cxp.com	emplate.doc	word	36.48 KB	Scanning passed!
2019-11-01 12:03:32	monisha@cxp.com	Budget_Report.pdf	pdf	36.48 KB	Scanning passed!
2019-11-01 12:06:28	izoe@cxp.com	Malicious001.zip	zip	777.04 KB	Scanning failed!

### Threats Stopped Over Time

Date & Time	User Name	IP Address	Source URL	Country	Web Category	Threat Score
2019-11-12 16:59:11	dettef@cxp.com	192.168.100.101	http://www.textpeier.de/	Germany	Phishing and Other Frauds	90 <span style="color:red">▬</span>
2019-11-12 16:59:02	raj@cxp.com	192.168.100.101	http://www.houseofmalware.com/	United States	Business and Economy	93 <span style="color:red">▬</span>
2019-11-12 16:58:48	jane@cxp.com	192.168.100.101	http://purplehoodie.com/	United States	Malware Sites	90 <span style="color:red">▬</span>

## Flexible Deployment Options

Deploy Isla in the cloud, at the edge, or as a hybrid solution. Virtual appliances, physical appliances, and cloud-based services give you the freedom to mix and match models to meet your unique needs.



### Edge

Maximize information privacy with local on-prem deployment of hardware or virtual appliances. Augment your existing proxy with Zero Trust isolation via proxy chaining or leverage the Isla proxy capabilities to ensure your user sessions are always safe. Suitable for organizations that need more control over their deployment or want to get the most out of their existing infrastructure.



### Cloud

Flexible deployment to protect your users no matter where they are on the globe. Augment your existing proxy with Zero Trust isolation via proxy chaining or leverage the Isla proxy capabilities to ensure your user sessions are always safe. Suitable for businesses of all sizes and highly distributed teams, including those with small IT teams.



### Hybrid

Balanced hybrid deployment gives you the best of both worlds with flexibility and information privacy. Perfect for organizations that need more control over their deployments but also need to address a distributed user base.

## Integrated Proxy

Protect your users while minimizing any changes to the endpoint with an agentless solution. Redirect all traffic to the internet via the Isla proxy to ensure your user sessions are always safe.

## Cloud-Native Architecture

Protect your users, no matter where they are on the globe, with a solution built on the latest cloud-native capabilities such as microservices, containers and orchestration to enable elastic scaling, load balancing, high availability and deployment simplicity.

## Virtual Appliance

Leverage your existing infrastructure investments with a virtual appliance that offers the same capabilities as on-prem hardware or cloud-based solutions. Maximize your information privacy, optimize deployment architecture or just go with the edge. We can support it all.

## Safe Surf

Protect your organization from credential theft. Ensure your users do not broadcast important information like login credentials to the wrong people. Identify potentially malicious sites and render them in read-only mode adding an extra layer of protection to your security strategy.

## Isla Secure Web Gateway

The Isla Platform can easily be deployed with your existing Secure Web Gateways and augments the SWG by isolating selected sites to ensure additional security. Isla also offers basic SWG functionality, that allows you to set policy-based controls based on URL classification for an added level of protection while also enabling enforcement of acceptable use policies. The customizable solution allows for individual, group and organization-level policy restrictions to be put in place. Working in tandem within the Isla Isolation Platform, the URL filtering capability lets you set browsing controls while isolation enables your users to stay productive and protected from threats.

### Zero Trust Security

Ensuring browser security is more important than ever because the largest exposed attack surface in most organizations is comprised of attacks coming from the internet, resulting in an estimated 98% of all endpoint compromises<sup>1</sup>. Almost all successful attacks on users originate from the public internet and many involve web-based attacks<sup>2</sup>. Using a Zero Trust model, Isla isolates all code coming through your web browser and neutralizes threats without the need for detection or compromising productivity. Your users can do everything they did, but now their endpoint is proactively protected, and your attack surface is dramatically reduced.

### Reimagine your Security Strategy

Across the globe, organizations are today suffering from years of growing complexity and skyrocketing costs in cyber security. The leaders are questioning this status quo and demanding a better solution to the worsening cyber security problem. Empower your organization to experience a simpler solution that can enable user productivity and elevate organizational security. When your security solution does its job well, it gives you more time to focus on other important tasks.


<sup>1</sup> "It's Time to Isolate Your Users From the Internet Cesspool With Remote Browsing", Neil MacDonald, Gartner, 2016.


<sup>2</sup> "Innovation Insight for Remote Browser Isolation", Neil MacDonald, Gartner, 2018.

## 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.

## Contact us

 +1-925-242-0777

 info@cyberinc.com