

# Isla Web Malware Isolation System

## Benefits

### Unmatched Protection

Isla delivers complete protection against web borne malware targeted at the browser ecosystem.

### Breadth of Coverage

Isla provides protection for all corporate endpoints including Windows, Mac and Linux.

### Ease of Use

Isla is powerful, secure and easy to use. Protecting your endpoints from advanced malware is as simple as installing an appliance.

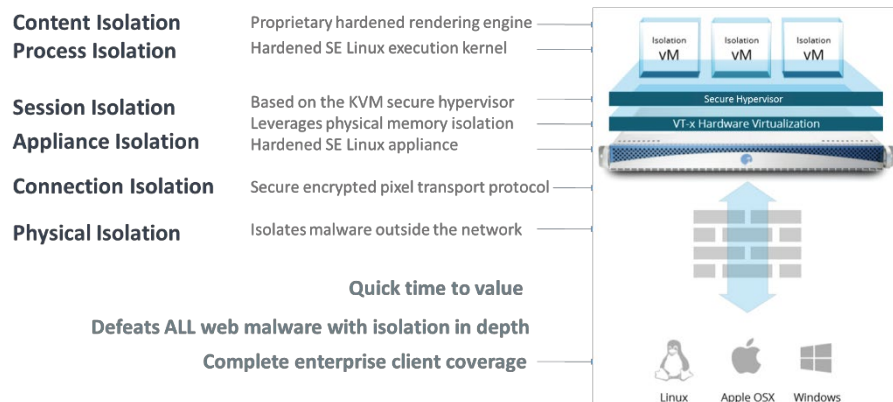
## The Enterprise Malware Problem

The power of the web browser is its ability to provide employees with access to virtually any content on the Internet, which can be invaluable for both personal and business productivity. But the browser is the #1 target for cyber criminals to deposit advanced, undetectable malware on endpoint devices and launch stealth attacks on internal business resources leading to damaging breaches.

The conventional method of stopping these threats is to deploy various detection-based security technologies outside the gateway, in the network, or at the endpoint to hopefully identify and block any potentially malicious activity. The increasing number of successful attacks and breaches over the last few years clearly demonstrates that malware detection is no longer a viable strategy.

## The Isla Approach to Eliminating Web Malware

The only way to eliminate all browser-borne malware from the enterprise is to shift the focus from malware *detection* – which can never be 100% accurate - to malware *isolation* - which prevents all web content from entering the corporate network. This is the strategy employed in the innovative Isla Web Malware Isolation system.



Isla supports all major platforms, including Windows, OSX, and Linux and delivers the following features:

- **Security** – Isla is built with patent-pending isolation technology, which integrates multiple levels of protection and isolation.
- **Performance** – Isla is architected to deliver the same performance as desktop browsers by shifting all the “heavy lifting” to the appliance.
- **Scalability** – The Isla architecture makes it easy to deploy appliances, add users, and rapidly scale capacity based on the needs and growth of the organization.

## Benefits to Your Organization

Isla delivers value throughout the enterprise. Here are three key benefits.

- **Stops browser-borne malware.** Isla eliminates the #1 threat vector for malware attacks on the enterprise – regardless of whether the malware is a known threat, a complex APT or an unknown zero-day attack.
- **Simplifies security complexity.** Eliminating browser-borne malware reduces the need to deploy complex endpoint software suites.
- **Saves IT costs.** Isla helps to avoid the average IT cost for laptop remediation which is \$653 every time a device is infected by malware.



## 3<sup>rd</sup> Party Testing

ICSA Labs, April 2015

“Isla Protects the client from web browser-borne malware.”

“Isla is not vulnerable to remotely executable exploits known within the information security community; does not introduce vulnerabilities or security-grading mistakes.”

Georgia Technical Research Institute, January 2016

“GTRI believes the isolation technology implemented by Spikes in Isla is effective at preventing the impact of web-based threats to end users.”

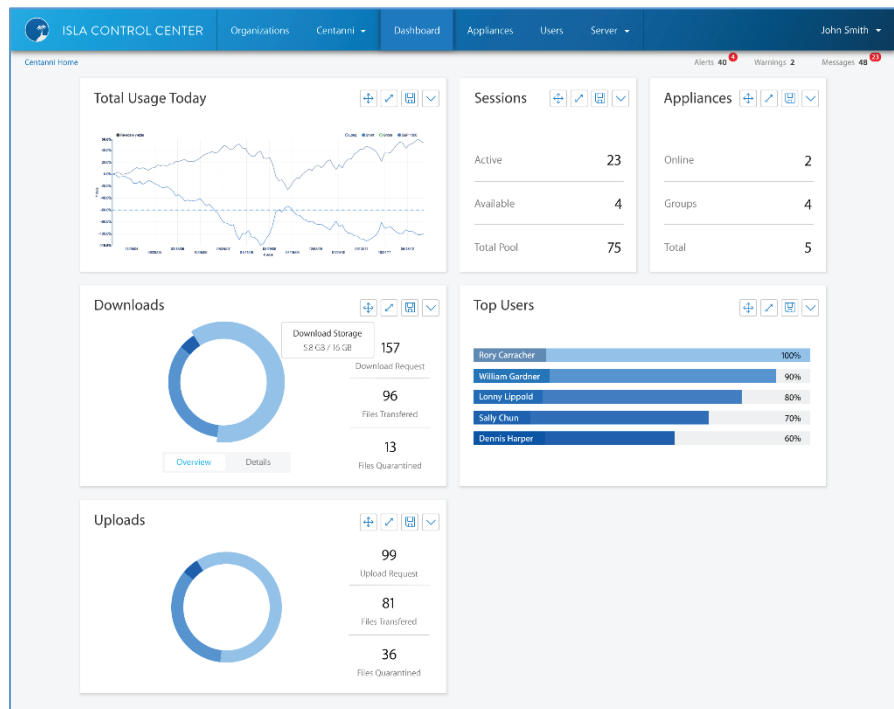
“GTRI found the Isla Control Center interface to be streamlined and intuitive to navigate.”

## Isla Control Center

The Isla Control Center delivers centralized management and control of the Isla solution. Control Center was designed with an advanced multi-tenant, multi-role architecture for highly distributed on premise or cloud based environments. Control Center is available as a soft appliance or a hardware based appliance.

Control Center provides IT security managers with the tools required for fast deployment and management of Isla across the enterprise. Control Centers' key administrator tools include the following:

- *Policy Management* – Security administrators can configure security policies for individual users, groups of users or solution wide defaults. Control Center provides LDAP integration for simplified management in large environments.
- *Reporting* – Intuitive dashboard displays reports on browsing activity, various security events and alarms, and top trends in users and groups.
- *System performance management* – Quickly provision new users or interoperate with your existing user authentication tools; measure and manage system performance across your enterprise; easily see gaps in coverage; monitor resource utilization and plan for growth.
- *Single pane of glass* – All enterprise controls are in one place, with reporting that helps guide policy decisions for customers that require more granular controls. Configuration and health alerts are also controlled centrally.



## Summary

Isla is a break through solution for cyber security. Isla solves the most difficult problem in security today, compromise via advanced web malware. Isla isolates all external web content outside of the corporate firewall ensuring that no malware, including zero day attacks can compromise the organizations systems.

For further information please contact a Cyberinc representative at [www.cyberinc.com](http://www.cyberinc.com).



## Isla Specifications

### Isla viewer for Windows

32-bit and 64-bit Windows  
XP/Vista/7/8/10

Intel 500 MHz Pentium class processor or better 30MB of available disk storage; 50MB of available memory

### Isla Viewer for Mac

MAC OS X 10.7 or higher  
Intel Core Duo class processor or better 30MB of available disk storage; 250MB memory

### Isla Viewer for Linux

Check with Sales representative for specific Linux versions supported  
30MB of available disk storage;  
250MB of available memory

### Isla Zero Client

Google Chrome v49 and above  
Internet Explorer 11

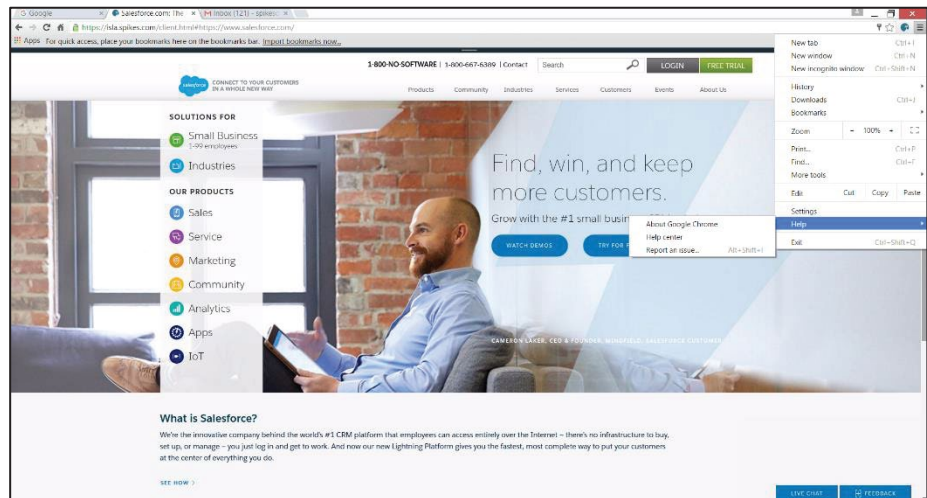
## Isla Clients

### Enterprise Viewer

Enterprise Viewer is a secure, light weight agent that installs on the protected endpoint and provides a single, secure interface for all web browsing activities. Isla Viewer provides the security team with positive control of the users' web browsing experience and advanced identity management ensuring that all potential malware, both known and unknown is isolated outside of the network.

### Isla Zero Client

Zero Client is a transparent, state of the art HTML5 based client which transforms your standard web browser into an impenetrable security tool with minimal impact on the user or the security team. Zero Client is deployed automatically when the user navigates to an external web site. Isla takes it from there delivering protection against even the most advanced threats.



## Isla Zero Client Protects Your Existing Web Browser

### Appliance Model SAS-1030

Rated Capacity:  
100 concurrent sessions (typical)  
Chassis Form Factor:  
1U, rack mounted  
Chassis Dimensions:  
1.75" x 16.93" x 27.95"  
Chassis Weight:  
40 lbs (18.4kg)

### Appliance Model SAS-4030

Rated Capacity:  
400 concurrent sessions (typical)  
Chassis Form Factor:  
2U, rack mounted  
Chassis Dimensions:  
3.47" x 17.25" x 28.50"  
Chassis Weight:  
85 lbs (38.6kg)

## Isla Appliance

Isla appliances host the secure Remote Access Containers (RACs) which are the heart of the Isla system. Appliances are used in conjunction with the Isla Control Center and provide automated load balancing and fail over ensuring high availability and performance.

