

Improved cyber security for Internet-connected endpoints

A joint solution from Cyberinc and FireEye

Security leaders are looking for greater endpoint security against the latest known and unknown threats. Cyberinc's Zero Trust browser isolation solution enables users to view and edit documents in the browser without downloading native files to the endpoint. But there will always be some users who need to work on some files on their desktop, which would take them out of isolation and put the business at risk. Even with administrative controls managing document downloads and uploads, there is a risk that files that touch the endpoint will contain a known or unknown threat.

Eliminate the risk and empower end users to be productive by scanning all downloaded files with the FireEye Detection On Demand service to identify known threats and zero-day attacks. The integration with Isla offers a seamless way to safeguard end users as they browse the internet or download files.

Benefits of Integrated Solution

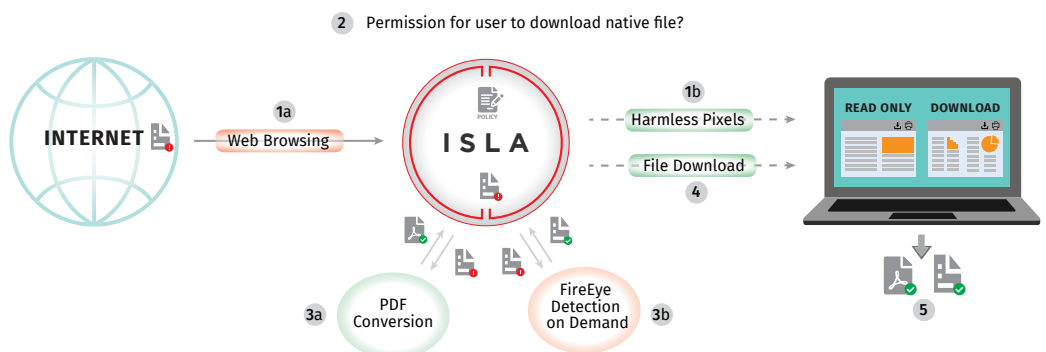
- Preemptive security**
 The FireEye-Cyberinc integration minimizes the threat exposure by shrinking the exposed attack surface
- Faster time to protection**
 Identify threats and respond to high-risk threats and stops threats before they can act
- Simple deployment**
 The integration of Cyberinc Isla with FireEye's Detection on Demand can be performed in seconds with an API key
- Seamless user experience**
 Retain user experience while shrinking the attack surface

The Journey of a File – How the Combined Solution Works

Cyberinc's Isla operates under the principles of Zero Trust. Isla does not look to detect or classify content as good or bad. Instead, Isla assumes all content could be suspect. Isla deactivates web, email and document-based threats by taking all incoming code and isolating it on a remote virtual browser, then streaming harmless pixels back to the user's endpoint.

- Users view and edit documents in the browser without downloading native files, preventing attacks from causing harm before they can penetrate a company's endpoints or the network.
- When end users need native files on the desktop, administrative controls based on policy profiles manage document downloads and uploads.
- When users request file downloads, Isla runs the files through FireEye Detection On Demand, which leverages industry leading intelligence and detection to identify known and unknown threats. The FireEye Multi-Vector Virtual Execution (MVX) engine detonates (executes) code in an isolated virtual environment to analyze and identify malicious behavior. Files can also be converted to read-only PDF before downloading.
- If the MVX engine identifies file-borne threats, the download is terminated and both FireEye and Cyberinc administrators are notified.
- If no threat is found, the end user has access to the native file or PDF on their desktop.

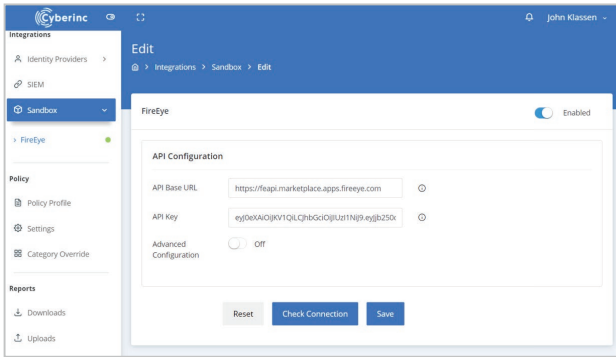
The steps in the description correspond to the numbers in the diagram.



ISLA RECEIVES SECURE WEB ACCESS AWARD



SOLUTION BRIEF



Simple integration is enabled in seconds with an API key

Downloads Report						
Date and Time	User Name	File Name	File Type	File Size (In Bytes)	Scanned By	Scanning Message
2020-09-16 13:02:30	@cyberinc.com	zip_2MB.zip	zip	2,036,861	AV, Sandbox (FireEye: 121s)	File analysis succeeded, and approved for...
2020-09-16 13:03:27	@cyberinc.com	zip_5MB.zip	zip	5,452,018	AV, Sandbox (FireEye: 121s)	File analysis succeeded, and approved for...
2020-09-16 15:52:53	@cyberinc.com	rufus-3.6.exe	exe	1,136,184	AV, Sandbox (FireEye: 121s)	File analysis succeeded, and approved for...
2020-09-22 15:35:35	@cyberinc.com	2019 Calendar.xlsx	excel	38,430	AV, Sandbox (FireEye: 121s)	File analysis succeeded, and approved for...
2020-09-23 10:03:43	@cyberinc.com	wildfire-test-pe-file.exe	exe	55,296	AV	Malicious: Win.Malware.Generic-6856527...
2020-09-24 11:14:06	@cyberinc.com	file-sample_100KB.doc	word	100,352	AV	File analysis succeeded, and approved for...
2020-09-24 13:49:03	@cyberinc.com	Rosa_Elevator_Final_Dr...	pdf	2,258,231	Cyberinc Threat Intelligence...	File analysis succeeded, and approved for...
2020-09-24 14:00:58	@cyberinc.com	Elevator Replacement ...	zip	4,586,674	AV	File analysis succeeded, and approved for...
2020-09-24 14:01:38	@cyberinc.com	Rosa_Elevator_Final_Sp...	pdf	2,783,702	AV	File analysis succeeded, and approved for...
2020-09-29 10:05:48	@cyberinc.com	Rosa_Elevator_Final_Dr...	pdf	2,258,231	AV	File analysis succeeded, and approved for...
2020-09-29 10:06:20	@cyberinc.com	Rosa_Elevator_Final_Dr...	pdf	2,258,231	Cyberinc Threat Intelligence...	File analysis succeeded, and approved for...
2020-09-29 10:06:41	@cyberinc.com	Rosa_Elevator_Final_Sp...	pdf	2,783,702	AV	File analysis succeeded, and approved for...

File downloads blocked to stop threats

Protect Against Known and Unknown Threats

Document Security

- Users view and edit documents in the browser without downloading native files
- If files are needed on the desktop, administrative controls manage document downloads and uploads
- Before reaching the endpoint, file downloads can be
 - Scanned by an included AV engine
 - Rendered to safe file type (ex. Office files to read-only PDFs)
 - Forwarded to an external device like a network or cloud-based sandbox for advanced inspection

Built-in Scanning Capabilities

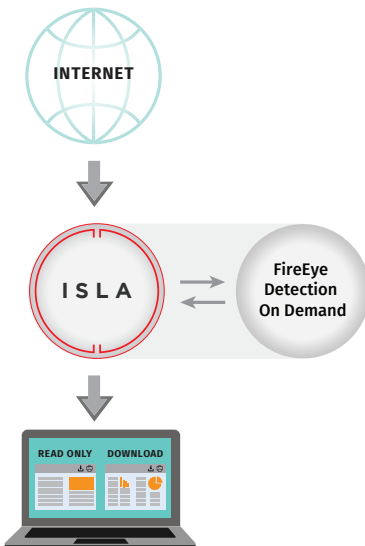
- AV malware scanning to detect known threats using signatures
- Unknown threat scanning via integration with 3rd Party network sandboxes

FireEye Detection On Demand

- Detect unknown threats with signatureless detection to protect against the most advanced threats, including zero-days.
- Detonate (execute) the code in a safe isolated environment and analyze behavior.
- May use other techniques including heuristics, code analysis, statistical analysis, emulation, and machine learning

Secure Network Access

- Reduce attack surface; ensure secure downloads
- Isolated access to website
- Scan downloads via FireEye Detection On Demand to ensure content sanctity



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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