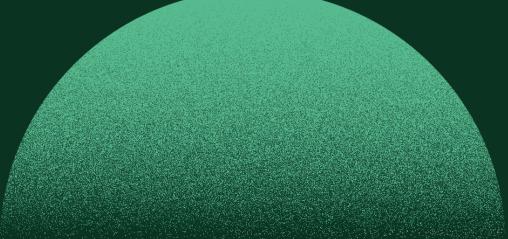


# Why Should CISO's Care About The Browser:

Changing Everything with the Enterprise Browser





#### **Brian Kenyon**

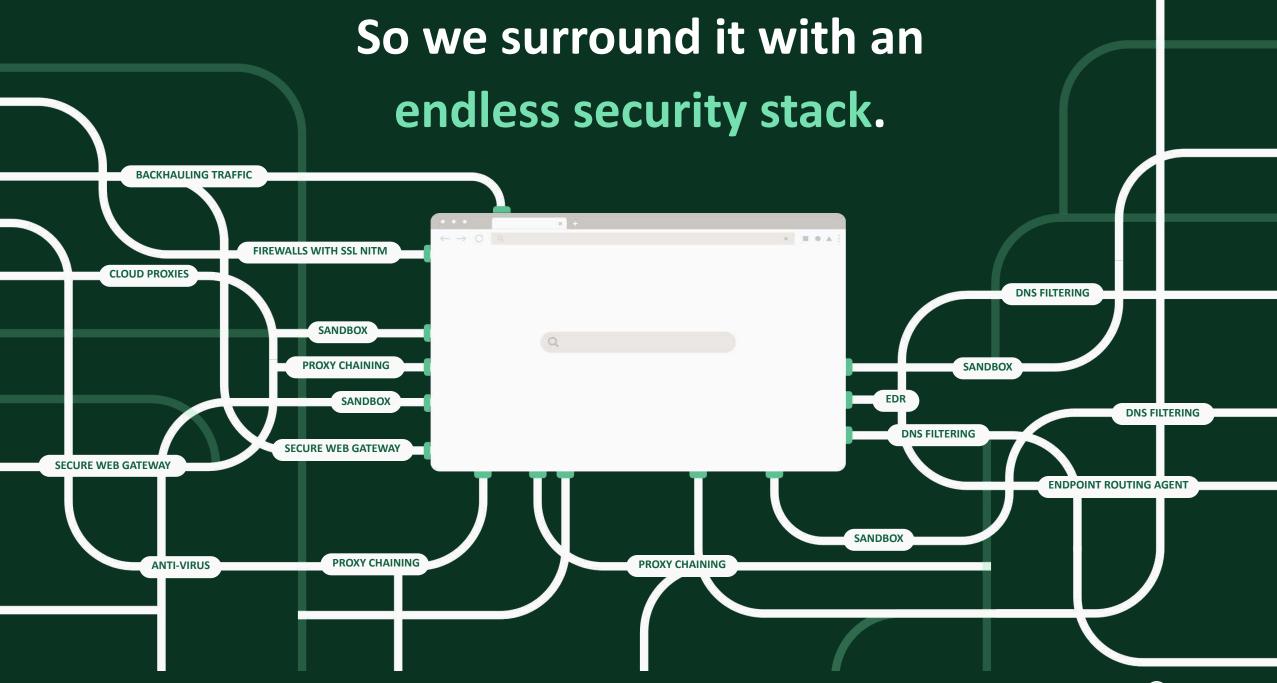
Chief Strategy Officer brian@island.io

# Most Deployed Application on the Planet The Browser



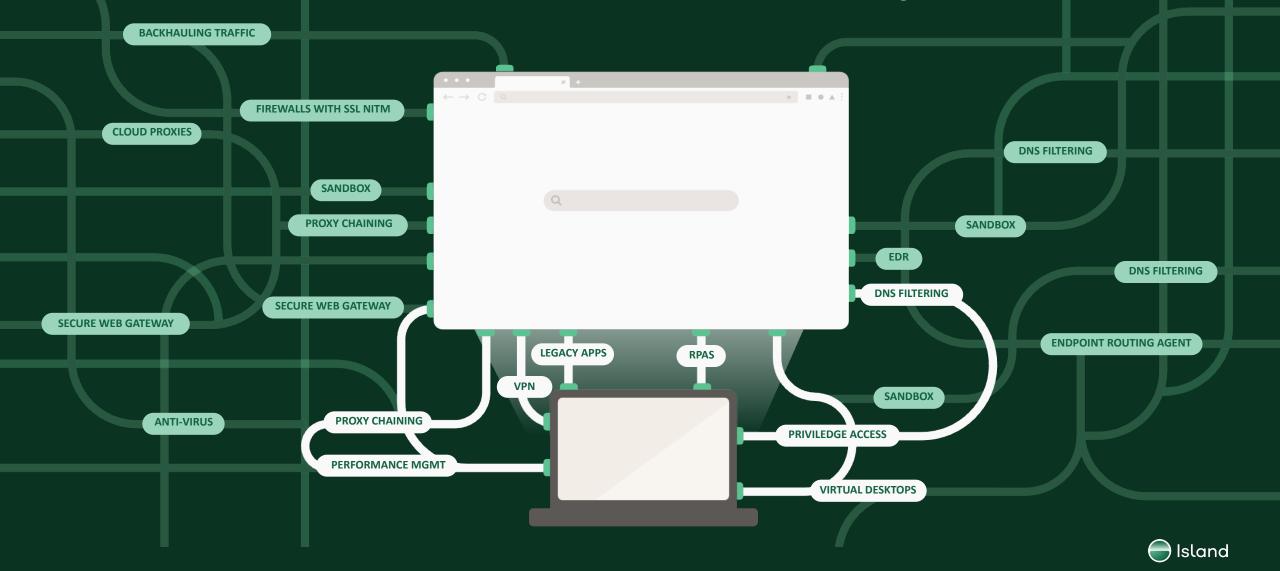
# Except the browser isn't an enterprise application



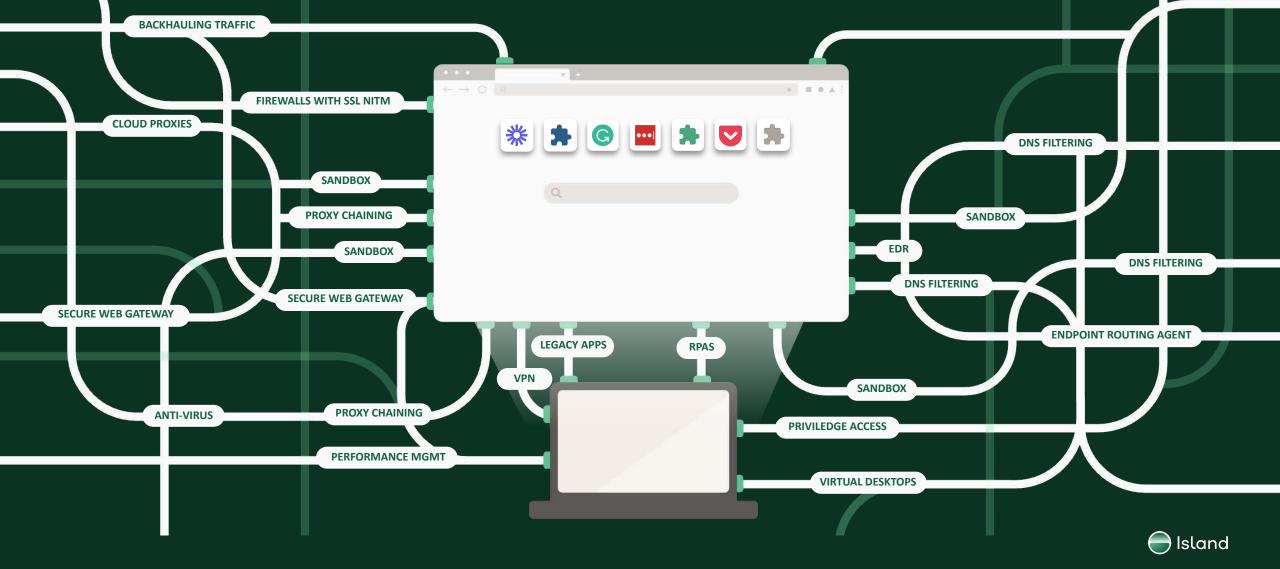


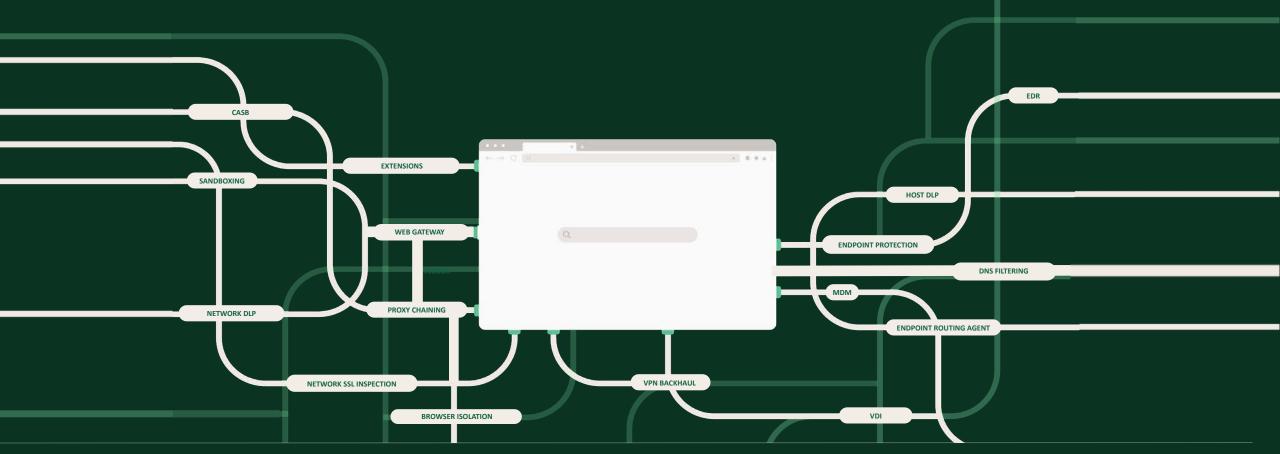


# Deploy countless agents and software to ensure the business can operate



# And inject foreign extensions to regain productivity....





# The Enemy of Digitization

Modernization Impeded by Existing Architecture and Controls

**Poor User Experience is Common** 

**Security is Unnecessarily Complex** 

**Assurance of Privacy Cannot be Provided** 

**App Delivery and Performance is Unnatural** 

## **A Browser for the Enterprise** Rethinking the Browser as a Key Enterprise Platform



#### **Consumer Browser Features**

- Networking
- Private Browsing
- User Experience (Look & Feel)
- Process Model & isolation

- Extensions
- Device / Data Synch
- Rendering Engine & Codecs

#### **Enterprise Requirements**

- Contextually Aware
- Safe & Secure Browsing
- Browser-Based RPA
- Enterprise Productivity
- Global Privacy
- Configuration Management

- Management
- Last-Mile Control
- Security Integration
- User Experiences
- Traffic Management
- IT Supportability





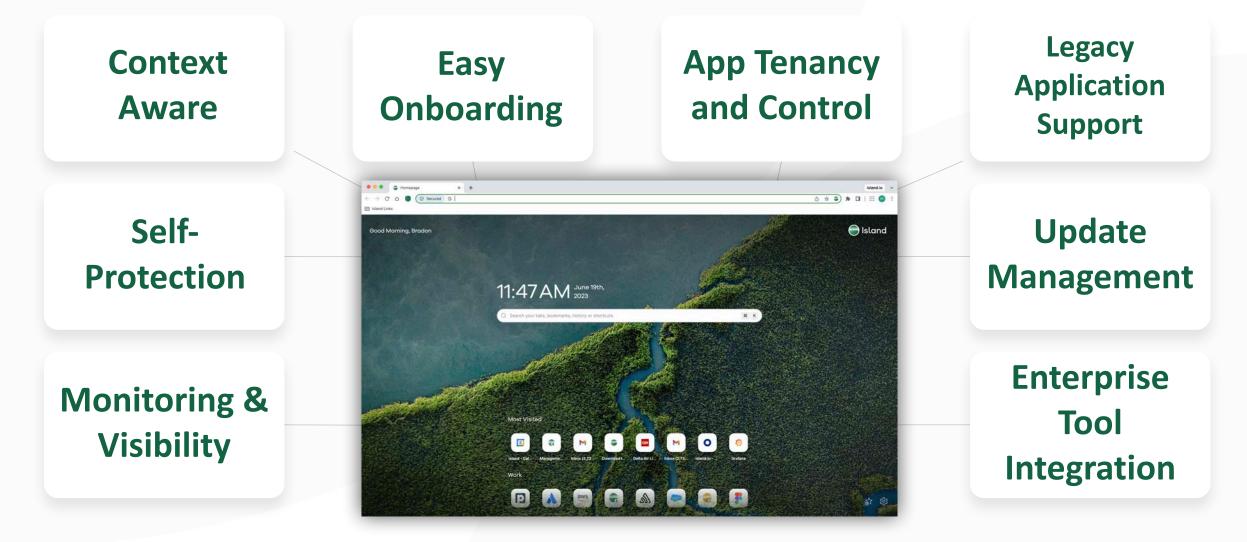
#### The Island Enterprise Browser

A Collaborative, Enterprise-Grade Solution to Enable the Future of Work

# **Cyber Security Business End Users**

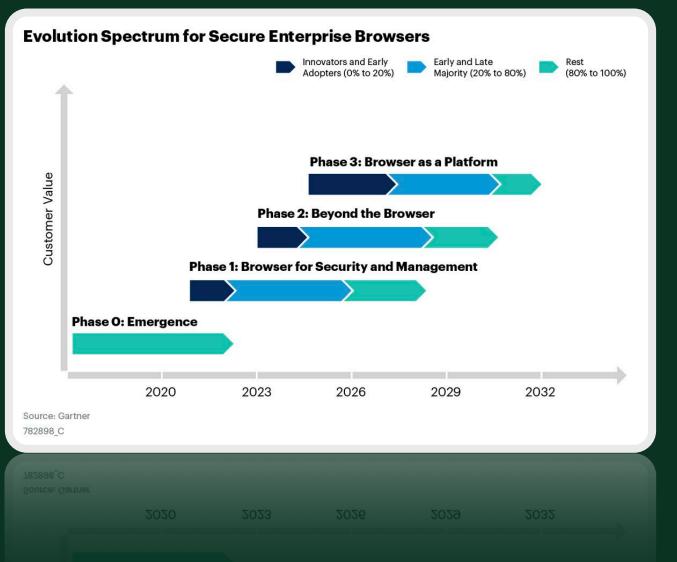
# **Delivering Out-Of-the-Box Value to the Enterprise**

Value Delivered Before Enforcing Policy (Enterprise Browser vs. Consumer Browsers)



## **The Future of Enterprise Browsers**

Recent Research Published by Gartner A



"It is Gartner's belief that by 2031, enterprise browsers will grow to become platforms by which security and productivity software is delivered and consumed by the workforce on managed and unmanaged devices, creating a seamless experience between home and work."

Source: Gartner, *Emerging Tech: Security — The Future of Enterprise Browsers*, Dan Ayoub, Evgeny Mirolyubov, Max Taggett, Dave Messett, 14 April 2023

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# The Value of Last Mile Control

Controlling Origination & Presentation



Self Protection Security	360 DLP-MIP,EDM,IDM,OCR		Digital Experience	
Threat Intel Feeds	Last Mile Control	Data Storage	Device Management	
AntiMalware & Phishing	File, DOM & Network DLP	ZTNA for Web / SSH / RDP	Shadow IT	Generative Al
Extension Guard	Secure Storage	Web Categorization & Risk	Privacy & Compliance	Ad Block
Attack Surface Reduction	Web Apps Control & masking	N/SSL Visibility	Business Workflows	Snipping Tool
Browser Isolation	Step Up/MFA	Legacy IE 5-11	Customized Branding	Clipboard Manager
Device Posture	CASB Functionality	Privileged Access	User Onboarding	App Customizations
Security	① Data Protection	Networking / Infra	IT & Enterprise Work	Productivity
Island Enterprise Technology, Visibility, Analytics & Central Management				
	Windows MacOS	Android Linux iOS Chr	romebook Edge/Chrome	
Managed Workstations	BYOD Wor	kstations 🚫 Cont	tractor Workstations	BYOD/Managed Mobile
Modalities: Extension, Standalone Browser				

# **Global Fortune 500 Hospitality Organization**

Use Case: Franchise Management Buyer: Executive Staff (CIO, CISO, CHRO)

#### **The Customer Challenge:**

- Global organization with 650,000 direct employees and franchise employees across 8,500 locations
- Organization-wide project to improve poor employee experience, retire legacy systems, and improve security posture for both employees and franchisees
- Exiting resources provide significant friction for franchisees and their application access
- Inability to engage 70% of their users digitally

#### **The Island Solution:**

- Island is enabling their future vision of application and service delivery to all employees and franchisees
- All employees will see an organizationally-branded Enterprise Browser experience with custom messaging
- Security posture improved, particularly for franchisees who connect from unmanaged devices
- CHRO will use the Enterprise Browser to improve employee experience and communicate with all staff around the world

"The novel approach yet list of challenges Island can solve for us is unprecedented." - CISO

# **Top 5 US Healthcare Organization**

Use Case: Non-Managed Practitioner, M&A, Application Access Buyer: CISO and IT Infrastructure Team

#### **The Customer Challenge:**

- Second-largest nonprofit hospital organization in U.S., 200k employees and 142 hospitals in 21 states
- Physicians are often contractors (non-employees) who use BYOD devices; IT and administrative staff include contractors as well
- Need a solution to control data access and ensure personal health information (PHI) is always protected
- Onboarding, application access and user experience are painful

#### The Island Solution:

- Seamless access to privately hosted web applications (e.g. Lawson ERP) using Island Private Access
- Acquisition onboarding and data protection is transformational
- Branding the Enterprise Browser with organizational logo & terms of use. Make it the access point for contractors, physicians, employees.
- Reduces expensive, complex and poor VDI experience for the organization
- Keeps PHI data off the endpoints entirely.

"I think you might just end up being the only browser on the planet that anyone in their right mind should run. You guys have a one in a billion product and service!" – VP of Security

# **Top 5 Global Banking Institution**

**Use Case:** VDI Reduction, BYOD and Thin Device Initiative **Buyer:** Chief Information Security Officer

#### The Customer Challenge:

- Top 5 global bank with over 300,000 employees worldwide
- Large Citrix environment that's primarily used to access web applications. Massive opportunity to offset costs.
- Employee BYOD opportunity to improve security and simplify access from personal devices
- Thin client deployment initiative to reduce expense of devices and Citrix infrastructure
- Continuous challenges with regulatory and privacy

#### The Island Solution:

- Reduction of VDI infrastructure with massive expense elimination potential
- Employees with personal devices will use Island to access corporate applications instead of a full Citrix virtualized desktop
- Thin client users can launch Island directly to access web applications instead of Citrix
- Users get a natural experience with reduced frustration of the VDI experience
- Global compliance and privacy concerns are simplified

"Your talent is even more impressive than your technology. You are the best partnership we have experienced with any startup." – Global CISO

# **Top 5 Global Retail Organization**

Use Case: Security Consolidation, BYOD, Zero Trust Buyer: Chief Information Security Officer

#### **The Customer Challenge:**

- Top 5 retailer in the world, with nearly 1000 locations and ~300k employees.
- Frustration in the complexity of security posture for associates, contractors, and vendors
- Desire to reduce dependency on frustrating VDI infrastructure
- Too many tradeoffs for BYOD thus wants to improve data protection and controls
- Planning to implement zero trust security model to improve security posture, reduce risk and simplify access

#### The Island Solution:

- Simplified protection of the Google apps, SAP, ServiceNow, and internal apps
- Serving as a pillar of zero trust security and access initiative
- Island activity logs are sent to SIEM for improved forensics analysis
- Simplified BYOD usage with last-mile data controls
- Watermarks discourage and track photos of internal applications (a common issue in their warehouses)

"We selected Island based upon our innovative technology and the knowledge, professionalism, and expertise of the Island team." - Global CISO

# **Enterprise Browser Use Cases**

**Extensive Applicability Across Industries** 



#### **Additional Use Cases**

- Govern privileged users & critical transactions
- Provide native browser isolation
- Safely integrate M&As & joint ventures
- Monitor & govern call center workers
- Protect against ransomware attacks
- Provision disaster recovery browser
- Gain insight into resigning employees' behavior

- Securely manage divestiture of business units
- Eliminate unnecessary regulatory disclosures
- Govern developer access & usage of source code
- Protect pharmaceutical & chemical formulas
- Geo enforcement for roaming users
- Prevent unauthorized access such as impossible travel

# Thank you!

