Island

The Path to Secure and Productive Work in Healthcare

Reducing friction and improving access without sacrificing patient privacy

Healthcare technology has revolutionized the way medical professionals diagnose, treat, and monitor patient health. However, the mind boggling amount of patient data generated by these technologies has created a new set of challenges. The friction that arises when sharing this data among different providers, hospitals, and clinics can lead to unnecessary delays and errors in patient care. Additionally, concerns around privacy and security have made it difficult to create a unified system that ensures all healthcare providers have access to the information they need, in the moment they need it, while protecting patient confidentiality.

Top Challenges for Healthcare

Walls around healthcare data are crumbling

Digital transformation in healthcare promises to drive faster and better outcomes for patients by enabling new services such as retail healthcare and increasing remote operations and collaboration between healthcare workers. As more external parties gain access to internal systems and data, healthcare organizations struggle to balance access and privacy for regulated patient data.

Technology can increase friction in healthcare processes

Increased use of supporting technology can bring better diagnoses and improve flexibility and scalability of services. It can also mean that doctors and nurses are spending increased time training on new systems and interacting with a variety of screens and proprietary interfaces, and less time with their patients.

Staffing shortages, clinical burnout, and employee retention

As the demand for healthcare services continues to increase, the shortage of qualified staff has become a pressing issue. This can affect the quality of care provided, and the high level of stress and workload can also contribute to employee turnover, which further exacerbates the staffing shortage problem.

Increasing sophistication of cyber attacks.

Healthcare remains one of the most highly targeted industries for cyber attacks. Modern attackers are well aware of the defenses that are most commonly deployed, and continuously update their tactics to adapt. Today's sophisticated phishing techniques, ransomware campaigns, and business email compromise attacks keep healthcare defenders on their toes. their toes.

Keeping up with regulatory compliance

The healthcare industry is heavily regulated, with numerous federal and state regulations governing everything from patient privacy to billing practices. Compliance requirements are constantly evolving, making it difficult for organizations to keep up with changing regulations and maintain compliance. Failure to comply with these regulations can result in severe financial penalties, reputational damage, and even legal action.

The Stakes for Healthcare Organizations

2022 Healthcare Data Breach Report
In 2022 there were 707 reported healthcare data breaches of more than 500 records, nearly even with the record 715 breaches in 2021. A staggering 56% of the 2022 breaches occurred through third parties.

Mayo Clinic builds bridges between data silos
Mayo Clinic's ambitious data platform aggregates healthcare data to support new research, with the goal of slashing healthcare costs and improving patient health and lifespan

IBM Security: Cost of a Data Breach Report 2022
According to IBM, the healthcare industry shows the highest costs associated with data breaches. The average cost of a healthcare data breach is reported at over $10M, up 42% since 2020.

EyeMed Vision Care fined $4.5M over healthcare data breach
Poor identity and access management contributed to a breach of 2.1M healthcare records at EyeMed Vision Care. The breach brought hefty fines for HIPAA violations, and additional fines for violations of New York Department of Financial Services Cybersecurity Regulations.

The Way Forward for Healthcare Organizations

Healthcare organizations face numerous challenges related to data management, regulatory compliance, staffing, and technology adoption. To overcome these challenges, it is crucial to break down barriers between different stakeholders, including patients, providers, and organizations, while maintaining security and control over patient data.

Reduce Friction
Healthcare organizations can provide improved care, and decrease frustration and employee churn, by leaning into new cloud-based services and reducing barriers to safely access important information.

Maintain Protection
When driving digital transformation and adopting new SaaS services, healthcare organizations must maintain effective control and governance over key processes, in order to protect patient data and maintain regulatory compliance.

Leading the Way with Island, The Enterprise Browser
Island pioneered the Enterprise Browser – the ideal enterprise workplace, where work flows freely while remaining fundamentally secure. With the core needs of healthcare organizations naturally embedded in the browser itself, Island delivers complete control, visibility, and governance over the last mile, while delivering the same smooth Chromium-based browser experience users expect.

With Island, healthcare organizations can address a number of critical use cases:

- Protect sensitive information across all SaaS and web applications with integrated DLP, secure storage, and dynamic last-mile controls like screenshot protection, copy/paste control, and data masking.

- Enable safe access by contractors or third-parties to healthcare applications and data, with full audit records of every action and last-mile controls to prevent data leakage.

- BYOD or BYOPC access with application boundaries to ensure sensitive data stays within the healthcare system's control.

- Safe browsing to block malicious content, phishing attempts, or other web-based threats and complete forensic logging to investigate incidents.

- User experience enhancements to improve employee onboarding, speed up common tasks, and increase time spent with patients.

By standardizing on the Enterprise Browser, this healthcare organization is simplifying their IT operations and enhancing their security posture. End-users see a benefit as well, with quick access to the applications they need and a fast, familiar browsing interface. It's rare that a single product can deliver for all three groups — security, IT, and end users.
Read the Case Study

When you're ready, let's talk.