

The Path to Secure and Productive Work in High Tech

Balancing high-speed innovation with the need for privacy, security, and compliance

In today's rapidly evolving digital landscape, tech companies face a range of challenges that require careful navigation to remain competitive and innovative. The pace of technological change is accelerating, requiring companies to adapt quickly to stay ahead of the curve. At the same time there is growing public concern over issues such as privacy, security, and data protection, which requires companies to balance the benefits of innovation with the need to respect users' rights and protect their personal information. Finally, there is intense competition among tech companies, making it crucial for businesses to differentiate themselves through innovation and user experience. Addressing these challenges requires a combination of technical expertise, strategic vision, and a deep understanding of users' needs and preferences.

Top Challenges for Tech Companies

The need for speed

Tech companies live and die by the rate at which they are able to iterate and innovate. Infrastructure and processes must ensure maximum productivity for engineering staff, without putting up barriers or introducing needless friction.

Privileged users are everywhere

It's common in many organizations to limit the privileges of users on their local systems, dramatically reducing the risk of many types of cyberattacks. This is often not feasible in tech companies, where engineers need administrative privileges in order to do their jobs, leaving them more exposed to malware and other threats.

Hiring and retaining skilled staff

Today's labor market is highly competitive, with high turnover rates across a wide range of industries. Attracting and retaining skilled workers in the new hybrid workforce demands streamlined employee experience that enables productive work from anywhere.

Increasing sophistication of 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 defenders on their toes.

Maintaining data privacy and regulatory compliance

Tech companies are literally building the infrastructure that supports the rest of our society, becoming a critical part of the supply chain for diverse industries, from healthcare to financial and industrial and everything in between. Each of these industries brings a unique set of regulatory and privacy requirements, and new requirements can appear overnight. Failing to protect customer data and maintain regulatory compliance can mean heavy fines, and potentially closing off key markets.

The Stakes for Tech Companies

[IBM Security: Cost of a Data Breach Report 2022](#)

According to IBM, the tech industry shows the 4th highest costs associated with data breaches. The average cost of a data breach is reported at nearly \$5M.

[Splunk State of Security Report 2022](#)

TSplunk's research shows that tech companies see more malicious activity than their peers: 57% report successful phishing attacks (versus 45% across other industries); 44% have seen account takeover attacks (versus 35%), and 49% have uncovered fraudulent websites posing as their brand (versus 38%).

The Way Forward for Tech

To remain competitive, today's technology companies must perform a delicate act: they must essentially operate a race car at high speed, with one foot planted on the accelerator, while the other hovers over the brakes. The winners will be the ones who can successfully navigate the twists of security, privacy, and regulation without sacrificing their velocity and momentum.

Slash Friction

Tech companies can improve the pace of innovation and decrease frustration and employee churn by continuing to lean into cloud-based services and reducing reliance on heavyweight solutions such as VDI.

Improve Visibility and Control

Every new application brings new requirements for monitoring and governing user activity. Proliferating applications can mean blind spots and loss of control, opening up potential areas of risk. Effective organizations must find a way to close these gaps without introducing drag.

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 financial services 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, tech companies 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.
- Manage privileged user accounts and protect critical back-end services, whether in the cloud, over SSH, or private web applications. Audit every privileged user interaction with complete visibility including screenshots, clicks, and keystrokes.
- Enable safe access by contractors or third-parties to web applications and data, with full audit records of every action and last-mile controls to prevent data leakage.
- BYOD or BYOPC access with device posture assessment to allow application access only on safe devices with active endpoint protection, disk encryption, or other requirements.
- 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 automate business logic through robotic process automation (RPA).

"You've got all this visibility into things that you've never seen before."

"Flexibility is right at the heart of what attracts me to Island"

Emily Heath, Former CTSO, Docusign. Former CISO, United Airlines

[Meet the Game Changers](#)

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When you're ready, let's talk.

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