

# Transition to Next Generation Web Access Management Systems



## - Ensure seamless and secure access in the digitally connected world

With the emergence of newer technologies like SMAC and BYOD, first generation Web Access Management (WAM) systems which typically provided users with Single Sign-On (SSO), automatic login from workstations, and RBAC-based authorization are unable to meet all the security requirements in the digital transformation endeavors. As organizations ensure secure interactions among people, data, applications and infrastructure, there is a growing need to secure different layers of the next generation infrastructure such as REST-based APIs, native mobile applications, and Software as a Service (SaaS) providers. In this business environment, the 1st generation WAM solutions simply cannot be extended to meet the demands of these new services due to several inherent limitations.

### Limitations of 1st generation WAM solutions

- Native mobile applications couldn't easily use WAM authentication services as the WAM solution was too browser-centric
- Proprietary tokens were maintained in cookies, which were susceptible to replay attacks
- Identity was propagated to applications via HTTP applications vulnerable to insiders who could impersonate other users
- Incompatibility with other WAM vendors made it difficult to integrate SSO with partners and cloud applications, plus dealing with compatibility between federation and WAM providers was a challenge
- Traditional web access management systems rely on proprietary, agent-based architectures and don't easily integrate with API access management
- Dealing with multiple administration interfaces created a maintenance burden and governance issues

### Key drivers to migrate from legacy solutions

- Challenges with the current systems
- Agility to meet business goals by addressing regulatory, compliance and other governance related requirements
- Technology goals in the digital identity world
- Ease of deployment and maintenance
- Ease of onboarding applications and services as part of the digital transformation initiatives

# Requirements for a New Web Access Manager

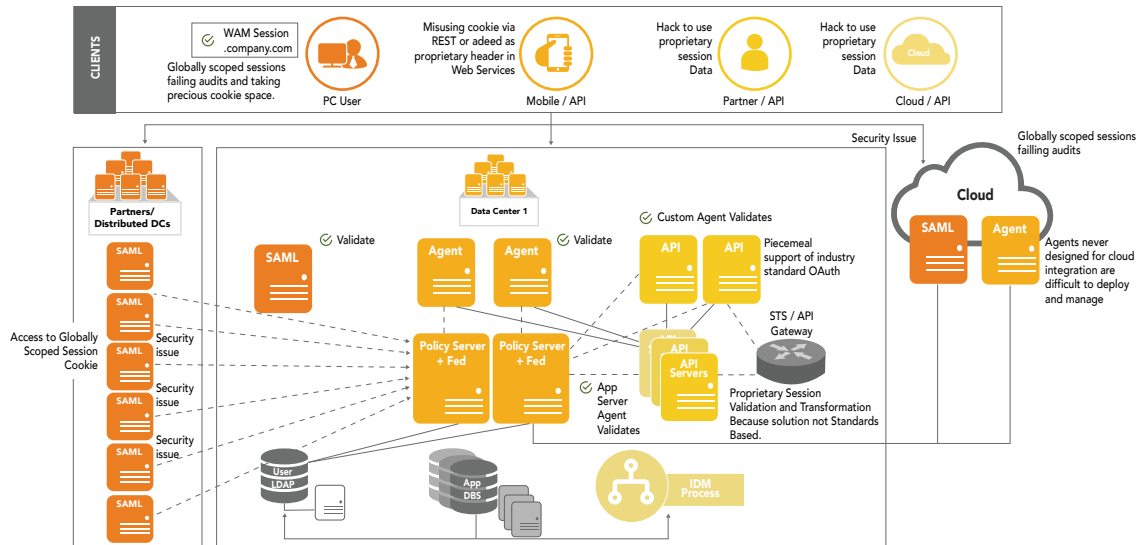
Cloud / API Friendly

Secure By Design

Secur / Standards-Based Session Management

Lightweight / High Performance

Cost Effective



## Web Access Management: Year 2016

### Cyberinc WAM Modernization suite

The traditional, proprietary web access management (WAM) solutions do not fully address the important need for mobile and API access control, the expensive licensing models and time-intensive integrations further create a challenge in addressing the dynamic demands of the modern, connected business.

Getting from 1st generation WAM solutions to the next generation access control requires inventory, planning and coordination. Cyberinc has simplified some of the key aspects of this transformation with its WAM Modernization suite, a comprehensive set of tools intended to help enterprises implement these difficult migrations from legacy 1st Gen WAM platforms.

### Cyberinc Advantage

The Cyberinc WAM Modernization suite helps



**Lower migration costs**



**Increase automated administration**



**Reduce both the risk and the time to complete a migration to a next generation WAM architecture**

- This Modernization suite includes four major modules, all of which are integrated with a leading next generation WAM suite
- Cyberinc's co-existence strategies enable a phased approach, resulting in reducing the risk of accidental exposure of sensitive content
- These in-built tools play an important role in the phased migration and visibility into the process



We offer secure, scalable, high performance security products that protect from cyber-attacks, and services that help enterprises modernize their access management systems. Our flagship product offering, the Isla Malware Isolation platform helps deliver 100% web-freedom from malware based attacks and our comprehensive IAM solutions have secured over 100 million identities for world's leading Fortune 500 corporation in the last 20 years. Combining our 'best in class' products and services we enable clients to effectively address their toughest cyber security challenges. For more information mail us at [info@cyberinc.com](mailto:info@cyberinc.com)