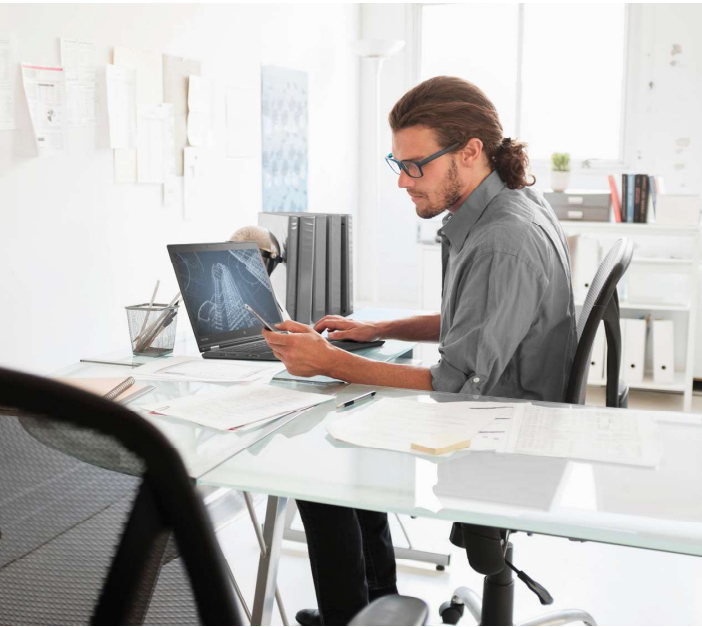


UNIFIED WORKSPACE

A COMPREHENSIVE SINGLE SIGN-ON EXPERIENCE



The Reality of Pure Play SSO Providers

It is no longer enough just to deploy the right tools. How they are deployed matters.

Traditionally, enterprise systems and security were designed around delivering IT functionality, with the holistic user experience coming as an afterthought.

In today's mobile and cloud era, the workforce is increasingly consumerized, making user experience paramount. It is the key to getting employees engaged, increasing productivity and satisfaction, and minimizing turnover and downtime. While pure play SSO providers like Okta and OneLogin make it easy to manage identity and access web-only cloud apps, this is an incomplete view of the modern end-user experience.

Many organizations still rely on a mix of public cloud, on-premise applications, privately hosted web apps, virtualized apps, and virtual or remote desktops. And pure play SSO providers exclude these elements required to create that holistic experience for both users and IT.

Our Digital Workspace + SSO Experience

Lenovo Unified Workspace treats SSO as a core feature of the end-user experience, with a rich additional layer of workspace aggregation and remote access capabilities.

By using contextual, identity-based access, Unified Workspace lets employees access all the tools, resources and content they need, regardless of where those resources live or how they are deployed. Installing Unified Workspace on premises enables secure remote access without VPN, making SSO more relevant for remote and BYOD employees, and more completely delivering on the anytime, anywhere, any device promise.

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*It's no longer enough just to deploy the right tools.
How they are deployed matters.*

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Unified Workspace Capabilities

SSO+

- SSO access to not just public cloud and web apps, but internally hosted web apps, file services, Citrix/VMware, terminal services and remote desktops
- Self-service password management and password vaulting for personal web apps

On-Premise Deployment and Perpetual Licensing

- Lower costs over time vs. cloud subscriptions
- Allows you to eliminate VPN for most tasks, simplifying the user experience
- Reduced reliance on virtualization for app delivery and access
- High level of customization, we work with customers to ensure the solution matches their needs

Identity-Based Security

- Dramatically simplified IT management
- Authenticate users with identity in Active Directory
- Use Active Directory user groups to provision apps and tools by need—no more managing individual machines or accounts

Comparison between Okta and Unified Workspace

	OKTA	UNIFIED WORKSPACE
Cost of SSO and MFA for 1,000 named users	3-year licensing cost of \$180,000 (based on MSRP)	3- year licensing cost of \$67,500 MSRP <i>Savings of over 60%</i>
Single Sign-On	Secured in Okta Universal Directory (in the cloud)	Secured in your on-premise directory
Application Delivery	Yes	Yes
File Services	No	Yes
App Types Supported	Public web apps	Public or private web apps, Windows apps
Remote Desktop Services	No	Yes
Contextually Aware	No	Yes
Web Application Proxy	No	Yes