

Okta Single Sign-on

Developed for agility

At a Glance

Okta Single Sign-on is part of a complete identity and access management solution for organizations accelerating their adoption of cloud and mobile apps. It helps streamline integration and adoption of new cloud resources while containing costs, fulfill user productivity targets, and avoid security risks.

Unlike legacy Federation and Access Management systems, Okta Single Sign-on is a lightweight, easy to deploy solution. It enables your employees, contractors, and customers to securely access all your cloud and on-premises applications from virtually anywhere and with any device.

Capabilities

Integrated Access Management

Reliable SSO integration to all your web and mobile apps, with a full featured federation engine that enables flexible access policies and supports all modern protocols.

Customizable User Experience

One user-friendly portal for end-users to access all their applications, tailored to each of their devices and fully customizable to their workflow.

Secure Cloud Directory with Integrations

Securely store user credentials with Okta's Universal Directory. It supports custom attributes and delegated authentication to AD/LDAP across multiple domains as well as self-service AD/LDAP password reset with Universal Directory.

Real-Time Security Reporting

Sophisticated search of real time system log, with geolocation tracking and integration with 3rd party SIEMs.

Benefits

Accelerate Growth Within Your Organization

As organizations grow, one of the biggest IT challenges they face is how to best secure their environment.

Individual employees, contractors, and customers all have their own permissions and security needs. It can be tough for one helpdesk administrator to manage all of these moving parts. Enter Okta Single Sign-on.

Increasing IT Agility while reducing costs

Okta reduces your dependency in on-prem infrastructure and custom development. It allows customers to automate manual provisioning processes and reducing help desk calls.

Strengthen Security and Compliance

With the right SSO solution, companies can rest knowing that the right people have the right level of access. Even more, users can safely access all of their apps with a single password, from any device.

Why SSO?

By now, most business leaders understand the critical role that cloud technology plays in every business's ability to execute, differentiate, and thrive. Every C-suite executive has an ownership stake in shaping and maximizing the benefits of the company's digital strategy. As enterprise IT makes this transition to a new hybrid cloud, on-demand and on-premises configuration, controlling who is granted access to which applications becomes increasingly important. This presents CIOs and their teams with a whole new set of identity management challenges. In addition, users must keep track of multiple URLs, user names, and passwords to get access to their applications. This is a headache for users and as a huge security risk.

SSO solves these issues by providing employees with a single point to log in and access all of their applications, while allowing IT departments to securely manage user credentials. For a solution to be enterprise-ready, it needs to be able to handle an organization's varying, ever-changing demands. This is especially important for companies with geographically dispersed employees and many subdivisions.

Okta's Difference: Built in the Cloud to be Reliable, Scalable, and Secure

Okta is an enterprise grade identity management service, built from the ground up in the cloud and delivered with an unwavering focus on customer success. Enterprises everywhere are using Okta to manage access across any application, person or device to increase security, make people more productive, and maintain compliance.

Okta has the largest, most reliable application network with over 7,000 pre-integrated applications and over 700 SAML integrations. This enables rapid adoption of best-of-breed applications, with out-of-the-box integrations so users stay productive and IT departments don't build and maintain application integrations themselves.

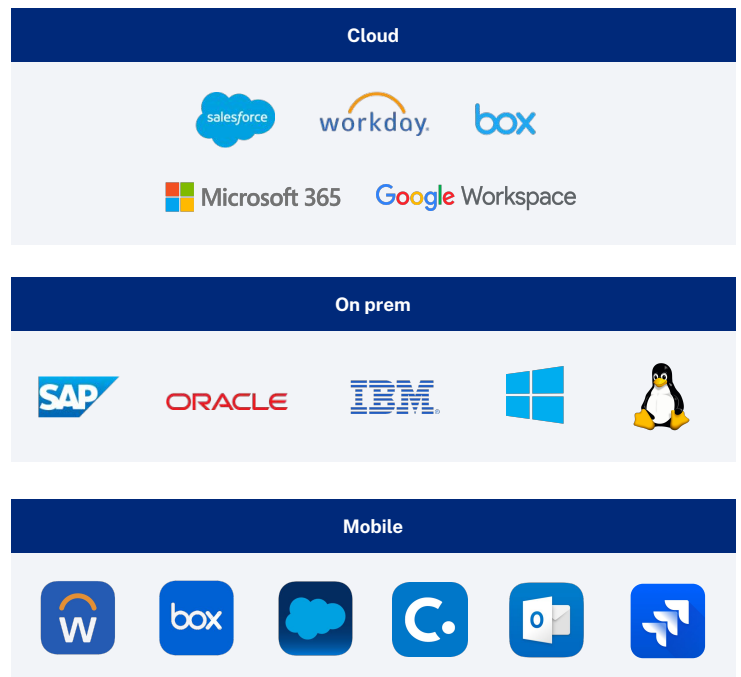
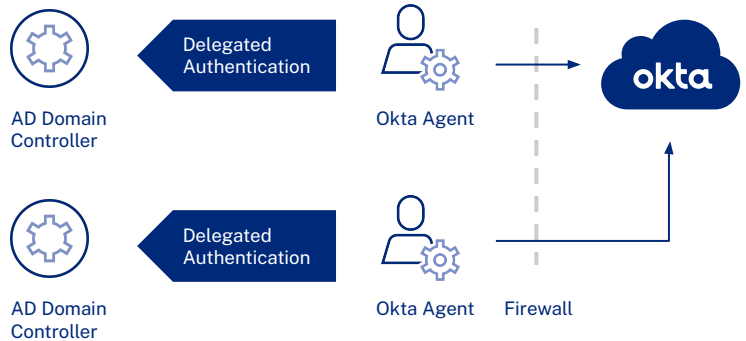
With a focus on the end user experience, the Okta end-user dashboard is a simple access point to all applications on both mobile and desktop devices. It is fully customizable with self-service password reset management and option to manage personal applications, Okta SSO improves adoption and utilization of revenue generating applications while reducing help desk tickets.

Eliminating insecure passwords and streamlining access makes Okta SSO a security solution. Reporting capabilities complete the security picture. Okta SSO provides powerful built-in reports, an event viewer with structured search and integration to 3rd party SIEMs to discover and troubleshoot security and access anomalies when they happen. With these capabilities, companies can better respond to their workforce's needs at scale and in real-time.

Example Scenarios

- An employee needs to access a suite of apps from multiple devices but experiences bottlenecks with managing numerous, difficult to remember passwords. Productivity suffers as a result.
- At a growing organization, IT teams cannot keep up with the support tickets required to grant access for new and existing employees while also maintaining strong security protocols. New levels of automation, reporting, and analytics are necessary to enable business growth at a sustainable pace for IT.

How It Works



Typical cloud based applications (e.g. Salesforce, Google Apps, Workday, etc.) integrations are delivered as part of Okta's Application Network. All technical details (such as SSO protocols and user management API implementations) are encapsulated in the service and continually maintained by Okta on your behalf. These applications may use a standard like SAML or OpenID, they may use a proprietary API, or they may use Okta's Secure Web Authentication (SWA) protocol.

Many of the most popular on premises web based applications are also included in the Okta Integration Network. Additionally, Okta's Access Gateways (OAG) extends cloud SSO and MFA to your on-prem legacy web applications that do not support modern standards. OAG supports header-based authentication and Kerberos tokens, as well as complex apps like Oracle E-Business Suite.

Okta's Universal Directory can be configured to delegate authentication to AD. Okta can optionally capture the user's AD password at login and automatically set that password for that user in any application that uses AD credentials. This allows users to simply click a link to access these applications, and then be logged in automatically.

SSO can be easily added by simply providing Okta the URL of the application's login page. The Okta App Integration Wizard also provides easy integration for applications supporting SAML and OpenID Connect.

Finally, Okta provides easy access to mobile enterprise applications from any device. Whether your enterprise apps are HTML5 web apps optimized for mobile platforms or Native iOS or Android apps, Okta has a solution. Any web application in the Okta Application Network can be accessed with single sign on from iOS or Android devices with Okta Mobile. Mobile web apps can use industry standard SAML, or they can use Okta's Secure Web Authentication SSO technology. Native applications like Box Mobile can be integrated using SAML authentication for registration and utilize OAuth for ongoing use. Okta Mobile even powers SSO directly from the native mobile Safari browser on iOS.

Key Features and Capabilities

Okta Application Network — The largest, most reliable application network with over 5,000 pre-integrated applications

Flexible Policy Engine — Set policy for protected resources based on any number of conditions and actions

Browser Plug-in — Cross-platform browser plug-in to detect apps and allows users to add them automatically

Okta Mobile — Native, full-featured iOS and Android app that allows SSO to any app on any device

Real-time Security Reporting — Sophisticated search of real-time system log, with geolocation tracking and integration with SIEMs

Okta Is the Identity Cloud

Millions of people rely on Okta every day to securely connect with the technologies and services that let them do their most important work. Customers deploy our products in a multitude of ways to solve their toughest security and access challenges. Build better products, manage access easily, and streamline security. Our technology powers the future of identity management. Learn more about our product suite at www.okta.com.