

Okta Adaptive MFA and YubiKey: Simple, Secure Authentication

Security breaches are an expensive problem. In addition to cost and disruption, IT departments also face the challenge of striking a balance between security and usability while adhering to compliance regulations. With security only being as strong as its weakest link, even the most stringent security measures would not be effective if users refuse to adopt it.

Strong hardware-backed MFA to protect against credential-related security risks

Regulatory agencies, like the National Institute of Standards and Technology (NIST) and the European Union's General Data Protection Regulation (GDPR), now require organizations to deploy stronger authentication solutions for access to sensitive information.

To address and comply with modern authentication regulations, organizations are combining strong multi-factor authentication (MFA) with contextual identity and access management. Turning on MFA enables organizations to reduce the risk of breaches and threats like credential theft to protect their admins, end-users, networks, and computers without much heavy lifting or impact to employee productivity.

The YubiKey and Okta Adaptive MFA provide the strongest level of identity assurance and defense against phishing and man-in-the-middle attacks, while also delivering a simple and seamless user experience — all with just the touch of the device. YubiKey security keys can be used as the primary, step-up, or back-up authentication method in conjunction with Okta Adaptive MFA, ensuring secure user access at all times.



Together, we are stepping up security to ensure only the right people have access to the right data, at the right time.

Frederic Kerrest
COO and Co-Founder, Okta

Joint Features & Benefits

Modern

With YubiKey support, Okta Adaptive MFA customers can leverage multiple authentication protocols to address varying use cases, including phishing-resistant FIDO2/WebAuthn and Yubico One Time Password (OTP) for secure access to resources. The YubiKey also acts as a PIV-compatible smart card for computer login.

Compatibility

Okta Adaptive MFA and the YubiKey are both supported by a wide range of integrations across leading vendors in infrastructure and security, enabling the joint solution to work across devices and platforms.

Always On

Okta Adaptive MFA and the YubiKey provide reliable, battery-free hardware-backed security, so it is always on and accessible.



Intelligent

With Okta Adaptive MFA, admins can create intelligent policies based on device, user, and login context, layering on reliable, easy-to-use hardware-backed YubiKey authentication to prevent unauthorized access.



Strong Authentication

Okta Adaptive MFA and the YubiKey combine adaptive authentication and contextual access management with hardware-backed FIDO2 protection to close the security gap for employees, partners, and customers.



Easy for Everyone

Okta Adaptive MFA and the YubiKey deliver an always-on, flexible enterprisewide solution with simple deployment for admins, and ease-of-use for end-users.



Strong, phishing-resistant authentication is critical at all levels of an enterprise, but even more so for administrators with elevated access and capabilities.

Stina Ehrensvar
CEO and Founder, Yubico

YubiKey supports Okta Passwordless Authentication

Customer identity

Provide seamless auth experiences and reduce security risks for your customers while reducing your organization's support costs.

- [WebAuthn / FIDO2](#)

Workforce identity

Improve employee productivity while reducing risks of data breaches and IT help desk costs.

- [WebAuthn / FIDO2](#)
- [PIV/Smart Card \(x509 based\)](#)
- [Desktop single sign-on](#)

About Yubico

Yubico sets new global standards for simple and secure access to computers, servers, and internet accounts. Founded in 2007, Yubico is privately held, with offices in Australia, Germany, Singapore, Sweden, UK, and USA.

yubico.com.

About Okta

Okta is the leading independent provider of identity for the enterprise. The Okta Identity Cloud enables organizations to both secure and manage their extended enterprise, and transform their customers' experiences.

okta.com

Learn More

The YubiKey and Okta Adaptive Multi-factor Authentication (MFA) works with nearly unlimited services to protect access to cloud and on-premises applications. www.yubico.com/works-with/okta/ • www.okta.com/partners/yubico/