

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. Of course, there is also reputational and brand damage and risk of losing customers. With security only being as strong as its weakest link, even the most stringent measures would not be effective if users refuse to adopt it.

Strong hardware-backed phishing-resistant MFA is a must in order 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 such as Executive Order 14028 and OMB, organizations are combining strong phishing-resistant MFA with contextual identify 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.



Okta and Yubico make strong authentication easy to adopt and manage by:

- Preventing and mitigating credential compromises
- Securely and easily authenticating with the YubiKey to Okta to access any enterprise application
- Providing high-assurance authentication method for organizations of any size or complexity
- YubiKeys are crush- and water-resistant, and require no batteries, so it is always on.

High-assurance authentication for organizations of any size or complexity

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 backup authentication method in conjunction with Okta Adaptive MFA, ensuring secure user access at all times.

Joint Features and Benefits:

- **Modern** - with YubiKey support, Okta adaptive MFA customers can leverage multiple authentication protocols to address varying use cases, including phishing-resistant FIDO U2F and Yubico One Time Password (OTP) for secure access to resources. The YubiKey also acts as PIV-compatible smart card if needed.
- **Compatibility** - Okta Adaptive MFA and the YubiKey are both supported by hundreds of integrations across leading vendors in infrastructure and security, enabling the joint solution to work across devices, apps and services.
- **Always On** - Okta Adaptive MFA and the YubiKey provide reliable, battery-free hardware-backed security, so it is always on and accessible.

“The Zero Trust framework is a journey with strong authentication at its foundation. Enabling phishing-resistant user identity verification before access is provided, not only helps organizations gain operational efficiency but also significantly reduces security risk. Partnering with Okta gives a best-in-class security solution for our customers globally, providing a superior experience.”

Stina Ehrensvärd
CEO and Founder, Yubico

- **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 combined adaptive authentication and contextual access management with hardware-backed FIDO U2F 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 enterprise-wide solution with simple deployment for admins, and ease-of-use for end-users.

Okta and YubiKey Security Protocol Support

- FIDO Universal 2nd Factor
- Yubico OTP (One Time Password)

Learn More

The YubiKey and Okta Adaptive Multi-Factor Authentication (MFA) works with nearly unlimited services to protect access to cloud and on-premise applications.

Get Started with Yubico

<https://www.yubico.com/start>

Okta and YubiKey Platform Support

Microsoft Windows 7 or later, Mac OS x 10.10 or later

Get started with OKta

<https://www.okta.com/free-trial>

Resources

<https://www.yubico.com/works-with-yubikey/catalog/okta/>

<https://www.okta.com/partners/yubico/>

About Okta

Okta is the leading independent identity provider. The Okta Identity Cloud enables organizations to securely connect the right people to the right technologies at the right time. With more than 7,000 pre-built integrations to applications and infrastructure providers, Okta provides simple and secure access to people and organizations everywhere, giving them the confidence to reach their full potential. More than 14,000 organizations, including JetBlue, Nordstrom, Siemens, Slack, Takeda, Teach for America, and Twilio, trust Okta to help protect the identities of their workforces and customers. For more information, go to [okta.com](https://www.okta.com).

About Yubico

As the inventor of the YubiKey, Yubico makes secure login easy with phishing-resistant MFA. Yubico is setting global standard for secure access to computers, mobile devices, and more, and is a crater and core contributor to the FIDO2, WebAuth, and FIDO Universal 2nd Factor (U2F), and open authentication standards.

Yubico is privately held, with a presence around the globe. For more information, please visit: www.yubico.com.