



# Strong Authentication for Compliance

Together, Duo and Yubico satisfy government guidance on DFARS / NIST SP 800-171, and NIST SP 800-63-3 AAL3.

The processes and technologies to establish and use digital identities for accessing digital government services offer multiple opportunities for impersonation and other attacks. Because identity proofing, authentication, authorization, and federation involve the processing of individuals' information, these functions can also create privacy risks.<sup>1</sup>

Duo's trusted access platform leverages FIPS 140-2 validated (Overall Level 2, Physical Security Level 3) YubiKey hardware to provide strong two-factor authentication so end-users can securely access data and applications on the network or in the cloud. Our combined, leading edge MFA technologies deliver a joint solution so government agencies, contractors, and

organizations meet the federal guidelines outlined in NIST SP 800-63-3 Authenticator Assurance Level 3 – the highest level.

Duo Access works with the YubiKey FIPS series and other YubiKey form factors, and recommends the YubiKey 4 Series for federal environments.

<sup>1</sup>Digital Identity Guidelines, NIST SP 800-63-3

## Easy, Secure, Reliable

Duo and Yubico are working closely to simplify strong authentication so organizations can meet government standards and focus on what's important.

With reliable hardware-backed protection at the touch of a button, using two-factor authentication with Duo and the YubiKey is remarkably easy and four times faster than typing codes to log in, while still maintaining the high level of security across multiple applications and devices with single sign on (SSO).

## Trusted Security Leaders

Duo and Yubico are proven leaders in security with the same tenacity and dedication to solving the authentication challenge. The world's largest enterprises trust Duo and the YubiKey to protect their accounts, networks, and computers from unauthorized access.

Both FIDO Alliance members, Duo and Yubico are at the forefront of bringing leading edge multi-factor authentication technologies like FIDO U2F to agencies, contractors, and organizations.

## Lowest Total Cost of Ownership

Deploying NIST-compliant, AAL3 2FA with Duo and the YubiKey FIPS series is a fast, simple, and inexpensive process, thanks to the joint solution's seamless compatibility with existing security infrastructure.

Organization-wide deployment to thousands of users is attainable in a matter of days. The joint solution reduces IT operational costs and nearly eliminates help desk calls and end-user support tickets.

# Joint Features & Benefits

## Multi-Protocol Flexibility

Duo works with the multi-protocol YubiKey FIPS, offering flexibility for users looking to deploy more than one authentication protocol (e.g. FIDO U2F, Yubico OTP) for a variety of web-based and non-web-based applications.

## Compatibility

Duo and the YubiKey work on major browsers and operating systems, including but not limited to Microsoft Windows, MacOS, and Linux, making deployment fast and simple.

## Strong Security

Duo and the YubiKey jointly offer a robust, highly-secure authentication solution that has been tested and proven in the most security conscious enterprise environments.

## About Duo

Duo helps defend organizations against breaches through its easy and effective cloud-based trusted access product suite. Duo verifies the identity of users, and the health of their devices, before granting them access to applications.

Duo is a trusted partner to thousands of companies worldwide. For more information, visit [duo.com](http://duo.com).

## 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.

Discover why nine of the top 10 internet brands trust the YubiKey: [www.yubico.com](http://www.yubico.com).