# Two-Factor Authentication

Security Designed for People

Two-factor authentication adds a second layer of security to your online accounts. Verifying your identity using a second factor (like your phone or other mobile device) prevents anyone but you from logging in, even if they know your password. These factors can include something you know - like a username and password, plus something you have - like a smartphone app to approve authentication requests. 2FA protects against phishing, social engineering and password brute-force attacks and secures your logins from attackers exploiting weak or stolen credentials. To ensure every point of access is protected, Duo's Trusted Access solution easily integrates with on-premises, web-based and cloud-based applications. Simple and secure single sign-on is the easiest way for your users to access all of their cloud applications by logging in once to a web portal. As Duo verifies your users' identities, their devices are also checked to ensure they're healthy and up to date before allowing them access to applications.
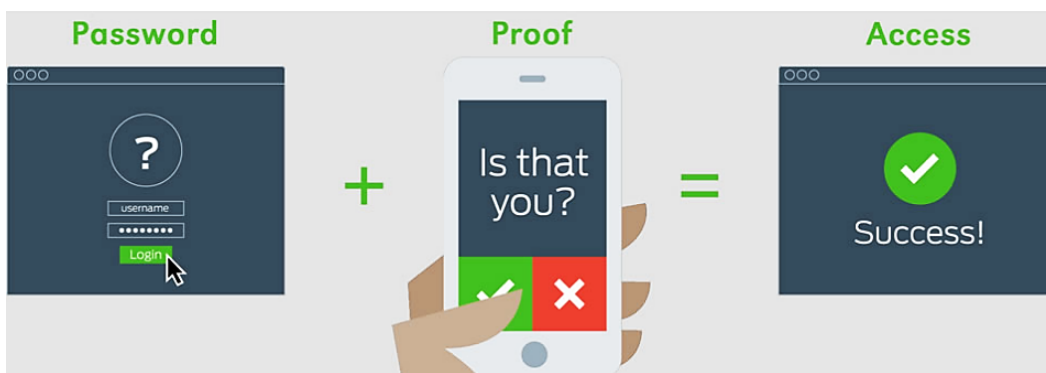
Benefits

Easy Setup: *Self-enrollment process makes it easy to register your device and install the mobile app. You'll login as usual, and then use your device to verify that it's you.*

Trusted Endpoints: *Device Insight differentiates between corporate and personal devices, letting you set device access policies to block any untrusted endpoints.*

Device Insight: *Complete visibility into both managed and unmanaged devices that authenticate into your applications.*

Access Policies: *Enforce strong access policies based on the type of devices logging into your applications. Limit access per certain user groups to strengthen your security profile. Create custom authentication policies and controls per user group or application.*

Easy Management: *Log in once to access all of your enterprise cloud applications from a single web portal.*

Protect All Applications: *Easily and quickly integrate with virtual private networks, cloud apps, and on-premises web apps. Use APIs and client libraries for everything else, including your custom and proprietary software.*

Simply Different