

Cisco Duo and Digipass deliver passwordless, phishing-resistant security

Cisco Duo is a leading zero-trust security and multi-factor authentication (MFA) provider that helps organizations verify user identities and protect application access. By integrating Digipass FIDO2 security keys, Cisco Duo enhances its authentication capabilities with a seamless, passwordless login experience, delivering maximum security without compromising user convenience.

How Cisco Duo and OneSpan collaborate

Cisco Duo and OneSpan have partnered to deliver a highly secure, phishing-resistant authentication solution that balances security with ease of use. By integrating Digipass FIDO2 security keys with Cisco Duo's MFA, Single Sign-On (SSO), Remote Access, Adaptive Access Policies, and the new Duo Passport experience, enterprises can achieve a scalable authentication solution that eliminates password-based vulnerabilities and streamlines access security. Users can log in effortlessly with biometric verification or a simple tap, while IT teams can scale secure access across devices, locations, and cloud environments with minimal complexity. This collaboration empowers businesses to deploy the most resilient authentication option without adding unnecessary complexity or cost.

Challenge: Phishing-resistant access without adding complexity

Organizations increasingly struggle to secure access without adding login friction or IT complexity. While MFA is essential, many authentication methods rely on passwords or mobile-based factors, which remain vulnerable to phishing attacks, account takeover, credential theft, and device-related risks. IT teams struggle to enforce strong security measures while maintaining ease of access, and mobile-based authentication is not always practical due to costs, device management,

and potential security threats. Adding to the complexity, enterprises must navigate evolving regulatory pressures, as compliance standards continue to adapt and become more stringent. At the same time, organizations must scale security consistently across diverse devices, remote users, and hybrid environments. Enterprises today require a solution that offers maximum protection while ensuring seamless, user-friendly authentication that scales effortlessly with their evolving needs.

Solution: Maximize security with passwordless authentication

Integrating Digipass FIDO2 security keys with Cisco Duo enhances security, user convenience, and ease of deployment. While Duo offers various authentication options, Digipass provides the highest level of security and cost efficiency. By leveraging hardware-based FIDO2 authentication, organizations eliminate the vulnerabilities of passwords and mobile-based methods, offering employees a scalable, user-friendly solution. Users can authenticate in seconds through biometric verification or a simple tap, reducing friction and password fatigue while maintaining enterprise-grade security.

Digipass FIDO2 security keys are ideal for industries with strict security and compliance requirements, such as finance, healthcare, and government, where enhanced security for sensitive use cases is critical. The physical security of Digipass FIDO2 security keys ensures that

Benefits

- **Phishing-Resistant:** Hardware-based FIDO2 authentication enforces domain validation and physical presence to eliminate phishing and reduce account takeover risks.
- **Seamless User Experience:** Passwordless and biometric login reduces friction and speeds up authentication.
- **Reliable, Always-On Authentication:** Digipass ensures secure, tamper-resistant access that is always available and independent of device conditions or service disruptions.
- **Lower total cost of ownership:** No need for enterprise-provided mobile devices or complex mobile management; Digipass reduces IT overhead while ensuring high security.
- **Regulatory Compliance:** Support for major industry regulations

authentication cannot be compromised by mobile device vulnerabilities, offering a stronger alternative for high-assurance environments.

Additionally, Digipass FIDO2 security keys enable consistent multi-device access, allowing users to seamlessly authenticate across desktops, laptops, tablets, and smartphones. This is especially valuable for users who frequently switch between workstations or operate in environments where mobile device usage is restricted.

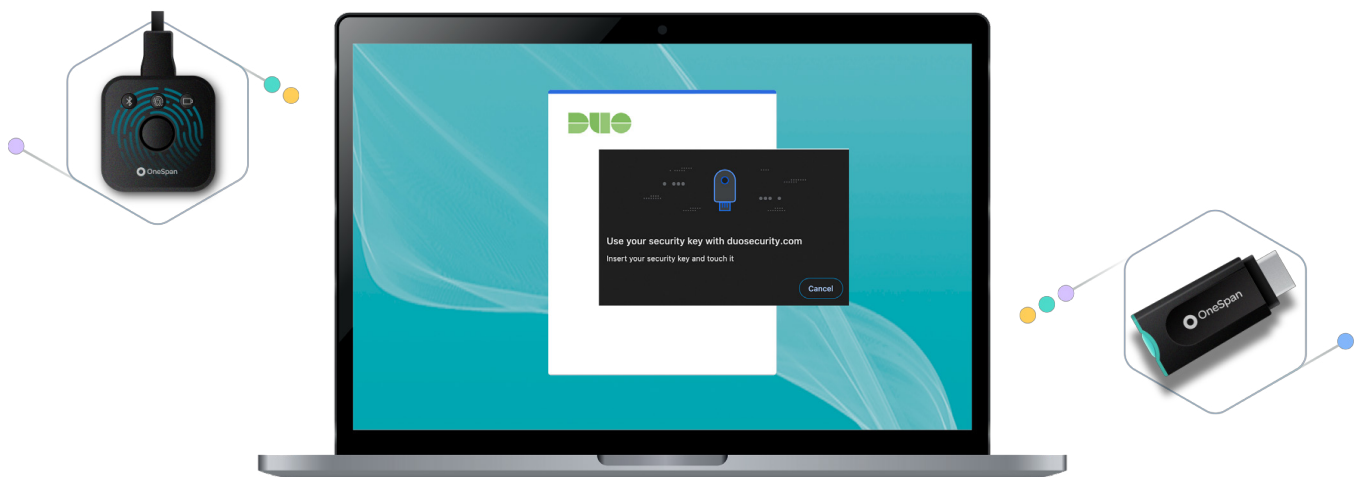
Key features

- **Phishing-resistant hardware security:**
Credentials are securely stored inside the security key's tamper-resistant secure element, protecting them from interception, credential theft, and phishing.
- **Streamlined deployment & user provisioning:**
Easy to deploy with minimal onboarding complexity.
- **Versatile connectivity:**
Supports USB, Bluetooth, and NFC, enabling flexible use

across desktops, laptops, tablets, and smartphones.

- **Lower IT costs & helpdesk workload:**
Eliminating passwords and SMS-based authentication reduces password resets, mobile device management overhead, and helpdesk workloads.
- **Adaptive access policies:**
Combine Duo's adaptive access capabilities with hardware authentication to enforce granular security based on user, device, and contextual risk factors.
- **Plug-and-play functionality:**
Digipass security keys work out-of-the-box with Cisco Duo's identity and access management solutions without requiring drivers or software installations.
- **Compliance Ready:**
Meet stringent security mandates, including HIPAA, EPCS, NIS2, DORA, NIST 800-63, FIPS 140-3, GDPR, and Zero Trust architecture requirements

By adopting passwordless, phishing-resistant authentication, businesses reduce fraud risks, while ensuring they meet modern security standards for workforce access.



About Cisco Duo

Cisco (NASDAQ: CSCO) is the worldwide technology leader that is revolutionizing the way organizations connect and protect in the AI era. For more than 40 years, Cisco has securely connected the world. With its industry leading AI-powered solutions and services, Cisco enables its customers, partners and communities to unlock innovation, enhance productivity and strengthen digital resilience. With purpose at its core, Cisco remains committed to creating a more connected and inclusive future for all. Discover more on [The Newsroom](#) and follow us on X at @Cisco.

About OneSpan

OneSpan is a global leader in digital security, trusted by thousands of enterprises across 100+ countries—including more than 60% of the world's 100 largest banks—to safeguard digital accounts, secure financial transactions, and prevent fraud. Our award-winning solutions provide passwordless authentication, digital transaction security, and advanced mobile application protection, helping organizations meet the highest security standards and global compliance requirements. As cyber threats grow more sophisticated, OneSpan delivers cutting-edge technology to safeguard customers, mitigate risks, and ensure trust in every digital interaction.

Learn more at
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