

Adopt Phishing-Resistant Enterprise Authentication with MobilePASS+

Equipped with FIDO2 device-bound passkeys

Organizations are under increasing pressure to secure access as identity-based attacks continue to rise. Credential theft remains the leading cause of data breaches, and attackers are constantly evolving tactics to bypass traditional authentication controls. At the same time, regulators are raising expectations around strong authentication—especially in highly regulated industries.

Despite these risks, many organizations still rely on usernames, passwords, or basic multi-factor authentication (MFA) methods that are vulnerable to phishing, credential theft, MFA prompt bombing, and man-in-the-middle attacks. Security teams must strengthen authentication while ensuring the experience remains intuitive and low-friction for users. If authentication becomes cumbersome, users often look for shortcuts that undermine security.

Not All MFA Was Created Equal

Credential Theft Continues to Drive Breaches

Compromised credentials remain one of the most common entry points for attackers. Password-based authentication and weak MFA methods create opportunities for phishing campaigns and credential harvesting attacks that allow adversaries to gain unauthorized access to sensitive systems.

Attackers Are Outpacing Traditional Authentication Methods

Threat actors continually innovate with techniques such as MFA prompt bombing, phishing kits, and adversary-in-the-middle attacks designed to bypass conventional MFA protections.

Regulatory Expectations for Strong MFA Are Increasing

Regulators and compliance frameworks increasingly require phishing-resistant MFA, especially for organizations in finance, government, and other regulated sectors.

User Friction Undermines Security Adoption

Users frequently resist MFA solutions that introduce friction. When authentication becomes inconvenient, employees may seek risky workarounds that weaken security and reduce overall adoption of strong authentication methods.

MobilePASS+: Secure, Phishing-Resistant, and FIDO Authentication for Every Identity

Thales MobilePASS+ is a mobile authenticator application designed to secure access to applications and services through various strong, flexible authentication methods. It enables organizations to implement secure MFA while maintaining a smooth and intuitive user experience for employees.

MobilePASS+ supports standard one-time password (OTP) and Fast Identity Online (FIDO) authentication validated by both a PIN code or a biometric, enabling secure access to cloud, on-premises, web, VPN, and enterprise applications. The solution integrates with Thales identity providers like SafeNet Trusted Access (STA), SafeNet Authentication Service Private Cloud Edition (SAS PCE), OneWelcome Identity Platform, and other third-party identity providers, like Entra ID, to deliver centralized policy enforcement and scalable authentication across your employees, partners, and consumer identities.

By combining strong security with the convenience of mobile-based authentication, MobilePASS+ helps organizations protect sensitive resources while simplifying access for users.

Device-Bound Passkeys vs. Synced Passkeys

MobilePASS+ also supports device-bound passkeys—a type of FIDO2 credential, enabling users to securely authenticate without a password from their trusted mobile device using biometrics such as fingerprint or facial recognition. Since these passkeys are bound to the device, require a biometric, and don't offer a PIN as a fallback, they provide a phishing-resistant, high assurance, passwordless authentication journey. This approach reduces reliance on vulnerable passwords while maintaining an intuitive login experience.

Device-bound passkeys provide stronger security than synced passkeys because the credential is cryptographically tied to a single device and cannot be copied, exported, or synchronized across multiple devices or cloud accounts. This significantly reduces the attack surface compared to synced passkeys, which are replicated across devices through consumer cloud ecosystems.

The Thales Advantage

Reduce risk of credential-based attacks with phishing-resistant authentication that eliminates reliance on vulnerable passwords.	Secure access across all applications including cloud, VPN, web, and enterprise systems through flexible MFA options.	Strengthen protection against modern threats such as MFA fatigue and adversary-in-the-middle attacks.	Increase MFA adoption by allowing users to securely access applications using biometric verification straight from their mobile device.
One app to access both legacy and modern resources supporting authentication ranging from standard OTPs to advanced, phishing-resistant FIDO2 passkeys.	Maintain compliance with evolving regulatory standards by implementing strong, phishing-resistant authentication methods like FIDO.	Observe and manage tokens within the app itself and smoothly integrate with identity providers like SafeNet Trusted Access to build access policies that mandate the use of MobilePASS+ for secure authentication.	Rely on a proven, trusted authentication solution recognized overall leader in passwordless authentication by KuppingerCole and trusted by thousands of organizations worldwide.

About Thales

As a global leader in cybersecurity, Thales safeguards sensitive data, identities, applications, and software for the most trusted brands in the world. Through advanced encryption, identity access management, application security, and software entitlement, Thales secures cloud environments, defends against cyber threats, ensures compliance, and enables trusted digital experiences.

“ Wherever possible, migrate to inherently phishing-resistant MFA, such as public-key tokens. For workforce MFA and SCA, prefer FIDO2 tokens (e.g., WHfB or roaming authenticators with device-bound passkeys). This approach is increasingly being successfully adopted.”

Gartner, Innovation Insight for Many Flavors of Authentication Tokens by Ant Allan, James Hoover, Yemi Davies, 13 January 2025.



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