Phishing-resistant Passwordless MFA

A Suite of Capabilities to Meet Your Immediate and Long-term Needs

- **Slash the Attack Surface with Passwordless MFA**
- **Stops Credential Attacks with Passwordless**
- **Stop MITM Phishing Attacks**

- **A Passwordless MFA that Works with Password Directories**
- **Meet Phishing-resistant MFA Mandates**
- **Halt Push Bombing with Adaptive MFA**

Phishing-resistant MFA Imperative

Attackers have stepped up their phishing game bypassing traditional MFA. To stop ransom-driven attacks before they get a foothold—and also to satisfy regulators and cyber insurers, phishing-resistant MFA is mission essential.

But change comes hard to business IT infrastructures built, successfully, on passwords. Conventional narrative tells companies to make a wholesale shift away from password directories to a PKI-proofing infrastructure. Good in theory but disruptive to implement and, in most cases, PKI delivers incomplete use-case coverage that forces hybrid login workflows.

You need options that make sense for your unique business, phishing-resistant approaches that work with a password infrastructure, and PKI tokens.

Octopus Suite of Phishing-resistant MFA Capabilities

The Octopus passwordless MFA solution offers a range of implementation options to get your workforce to phishing-resistance immediately. Subscribe to the SDO cloud, connect your Octopus tenant to your directories, and start onboarding users. That's it. This process usually takes about an hour. Then choose and apply the phishing-resisting capabilities that make sense for your workforce right now and as FIDO2 usage grows:

FIDO 2 PKI Pinning

If you are ready to move some or all of your users to hardware FIDO2 tokens, great. SDO supports FIDO2 authentication for desktop, corporate apps, like VPN, VDI, and databases, as well as web applications. The Octopus platform supports FIDO2 key pair pinning through FIDO2 CTAP-2 and WebAuth, and is a certified FIDO2 Server.

Desk-to-app Pinning

Octopus supports a user's Desktop-to-App pinning, which blocks advanced phishing man-in-the-middle (MITM) attacks. Only the pinned user on that desktop can access their IT managed SSO portal apps with no impersonation, no replay, no MITM is possible. Moreover, no hardware token or changes to your directory infrastructure are required to accomplish phishing-resistant MFA.

Adaptive Passwordless MFA

The Octopus includes the intelligence to spot unusual and unexpected authentication patterns. When requests deviate from normal patterns, the Octopus applies escalation tactics to ensure brute-force and phishing tactics like push bombing, MFA fatigue, spoofed access are locked out.

How it works

Double Octopus offers a suite of phishing-resistant passwordless MFA feature options to fit your business'need that works with passwords and FIDO2 tokens.

FIDO Key-pair Pinning

Desktop-to-App Pinning

Adaptive Passwordless MFA
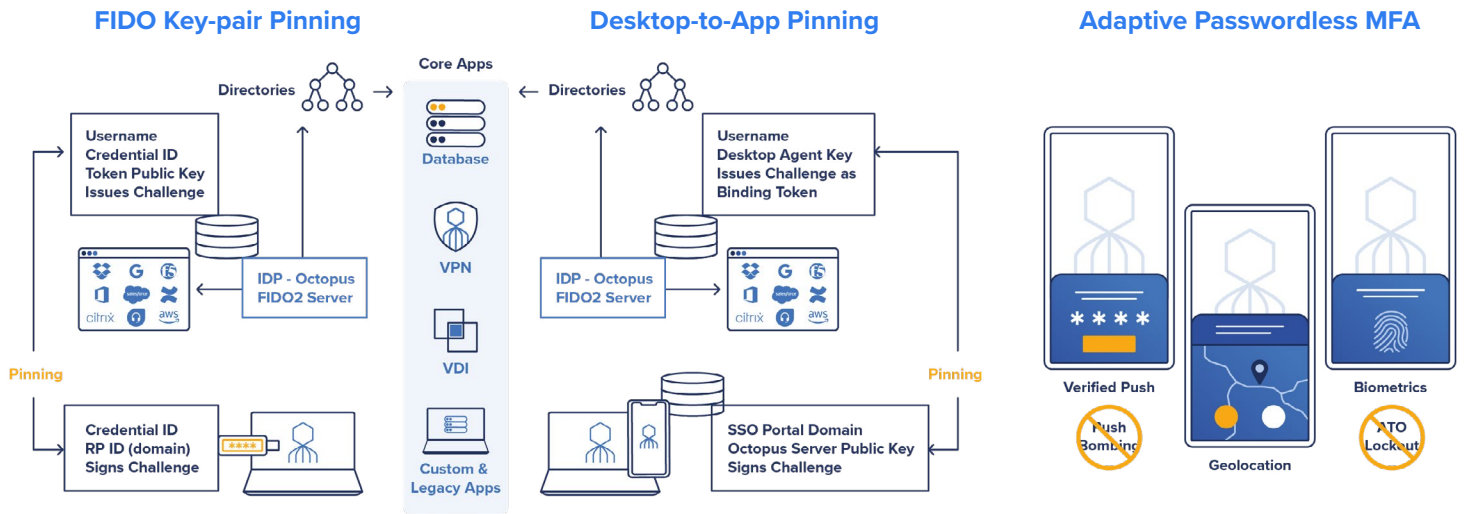
Benefits

- SaaS and self-managed on-premises deployment support
- Phishing-resistant MFA without hardware tokens
- FIDO2 certified operation for when hardware tokens make sense
- Passwordless MFA slashes the attack surface and closes compliance gaps
- Streamlined logins make user and IT admins more productive

Summary

Passwordless MFA is one of the few technologies that pays for itself immediately. Removing users from password management slashes the attack surface and pays productivity business dividends for IT leadership. However, doing it in a way that fits into existing password-centric infrastructure makes SDO's phishing-resistant passwordless MFA frictionless to your operations. Change is a leap into the unknown, but SDO passwordless MFA has an obvious outcomes:

- Phishing-resistant workforce enterprise-wide
- Delighted users and more productive admins
- Faster and more agile for IT operation without user secret coordination deployment support

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Secret Double Octopus is the global leader in next generation workforce authentication solutions. Its industry-leading Octopus platform offers mid-market to Fortune 100 enterprises the ability to move to a higher security, frictionless and unified authentication platform for MFA and passwordless authentication. From leveraging existing MFA authenticators to supporting legacy on premise applications, no other desktop MFA and enterprise passwordless platform offers as much robustness and flexibility as the Octopus solution. The company has been designated a Gartner "Cool Vendor" and more recently named "Best-in-Class" passwordless solution by AITE Group in 2021.

Learn more at **doubleoctopus.com**