

# HYPR Enterprise Passkeys for Microsoft Entra ID (Azure)

Protect your Azure environment with Microsoft-approved phishing-resistant MFA

HYPR Enterprise Passkeys for Microsoft Entra ID seamlessly integrates proven FIDO2 phishing-resistant passwordless authentication with your Microsoft Entra ID (Azure) environments. HYPR Enterprise Passkeys is one of the first FIDO2 Certified device-bound passkeys solutions to be officially validated and approved as Microsoft-compatible. It turns an ordinary smartphone into a virtual FIDO2 security key, delivering hardware-grade security with software-grade flexibility.

## Synced vs. Device-Bound Enterprise Passkeys

Passkeys replace passwords with a cryptographic key pair and on-device authentication to make user login easier and more secure. There are two primary types of passkeys, which differ in functionality and purpose:

### Synced Passkeys

The standard passkeys offered by Apple, Google and others are managed by those platforms and can be synced between the user's devices via the operating system's cloud service. They are primarily meant for consumer use as they live outside enterprise control and lack other enterprise security and functionality requirements. For example, they do not meet regulatory requirements for an independent possession factor.

### Device-Bound Passkeys

A device-bound passkey cannot be passed amongst devices. It is designed for enterprise environments with security and operational requirements that make synced passkeys unsuitable. HYPR Enterprise Passkeys are built on this type of passkey. It operates within a technology stack, covering the entire range of enterprise use cases, from desktop to cloud.

## HYPR's Enterprise Passkeys for Entra ID

HYPR Enterprise Passkeys leverage FIDO device-bound passkey standards, and include additional capabilities that enterprises require. HYPR's Enterprise Passkeys solution provides phishing-resistant, passwordless MFA combined with a frictionless user experience for both workforce and customer (CIAM) scenarios.

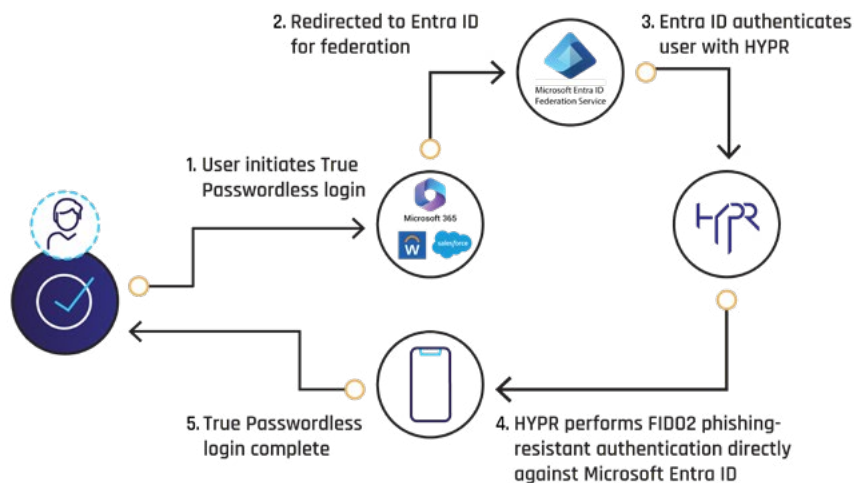
## Key Benefits of HYPR Enterprise Passkeys for Microsoft Entra ID

- Quickly integrate HYPR's Microsoft-validated and approved, FIDO Certified passwordless authentication with Microsoft Entra ID (Azure)
- Gain the security assurance of hardware keys without the cost and complexity
- Solve your desktop MFA gap across Windows, MacOS, Linux and VDI workstations
- Deploy phishing-resistant MFA across your organization, from desktop to cloud
- Ensure your authentication process meets directives from CISA, OMB and others
- Ensure passkeys never leave the registering device

HYPR Enterprise Passkeys are officially validated and [approved by Microsoft](#) to provide secure passwordless MFA for Microsoft Entra ID deployments. It is the only comprehensive software-based passwordless MFA solution proven to work successfully in the most demanding Azure environments, including passwordless authentication to Azure-domain-joined workstations.

### Extend Your Investment in Microsoft Entra ID

Through our close integration, HYPR's native plugins enable True Passwordless™ Security for Microsoft Entra ID (Azure) environments including single sign-on (SSO), desktop MFA to cloud authentication for apps.



### Deploy FIDO2 End to End Certified Authentication

The HYPR solution is FIDO2® Certified end to end, meaning it has passed rigorous certification testing on all components. FIDO2 is considered the gold standard for phishing-resistant passwordless authentication by governing organizations such as CISA, NYDFS, OMB and others. HYPR is also fully interoperable with FIDO U2F security keys such as YubiKeys, and built-in platform authenticators such as Windows Hello.

### Attest to Passkey Provenance

With HYPR, you are assured that the enterprise passkey never leaves the device after registration. You can confidently attest to the provenance and legitimacy of the passkey without deploying or requiring MDM.

### Keep Your Existing Identity Provider(s)

HYPR is designed for rapid deployment across millions of users, wherever they are. Fully interoperable with Microsoft Entra ID and your entire IAM environment, integrations also include IdPs, SSOs, VPNs, RDP and virtual desktops.

### Solve the Desktop MFA Gap

Most authentication and authorization systems are geared toward controlling access to enterprise systems and services, leaving the endpoint itself – laptop, desktop, workstation, console or server – under-secured and exposed. HYPR enables you to deploy enterprise passkeys with a single app that's tied into all of your existing infrastructure, including endpoint login.

### Comprehensive Adaptive Authentication

HYPR Adapt adds risk-based, adaptive authentication so you can manage identity-related risks and reduce user friction, even in rapidly changing security environments. It continuously assesses risk from a broad and diverse set of sources, dynamically adjusting authentication security controls on an individual user basis.



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