

# Supercharge Your Passwordless Strategy With HYPR + Windows Hello for Business



## The Power of Passwordless

Organizations face mounting cyberthreats such as brute force attacks, phishing, and adversary-in-the-middle exploits — now amplified by AI. Deploying FIDO Certified, phishing-resistant MFA is the most effective way to safeguard your users and business, while also reaping significant UX benefits. For organizations that use Microsoft systems and applications, Windows Hello for Business (WHfB) is a smart way to begin that passwordless project. However, it leaves security and coverage gaps that can narrow your phishing resistance transition.

## Limitations of Windows Hello for Business

While WHfB offers a convenient FIDO-compliant passwordless solution, it cannot support all enterprise use cases:

- Limited scope for roaming users and shared workstations
- Does not work on all enterprise endpoints, leaving exposed MacOS and Linux devices, many VDI platforms, and machines that do not have a TPM chip
- Privacy laws may restrict employers from storing employee biometrics on company-managed workstations, resulting in accounts being protected solely by a less-secure platform PIN

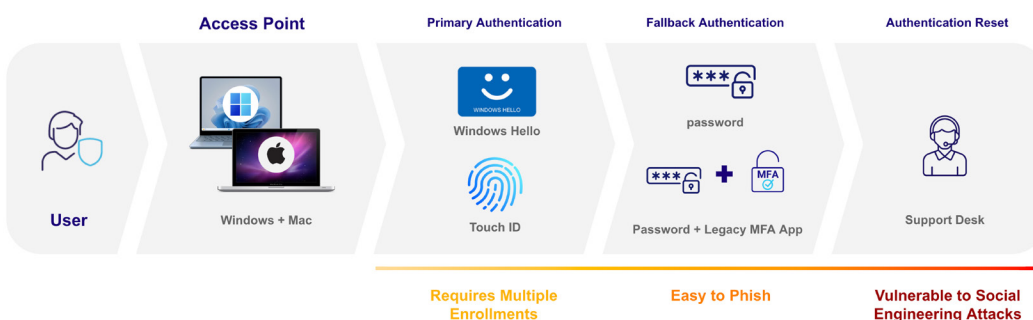
## The WHfB Fallback Flaw

Cyber adversaries always target the weakest link. WHfB is typically deployed alongside weak fallback credentials, such as passwords or phishable MFA. Attackers can bypass WHfB using social engineering or readily available tools such as Evilginx, which can forcibly downgrade an authentication flow to use the most vulnerable fallback methods.

## Why You Need HYPR With WHfB

- Enforce convenient, phishing-resistant MFA across Entra and hybrid environments
- Eliminate weak authentication fallbacks
- Single solution for all devices, including MacOS, Linux and VDI endpoints
- Cover all use cases including roaming users and shared workstations
- Meet the MFA requirements for Azure, Entra and Intune, without adding friction
- Leverage HYPR's identity verification solution to provision new users and issue a Microsoft Verified ID credential

## Typical Windows Hello for Business Deployment



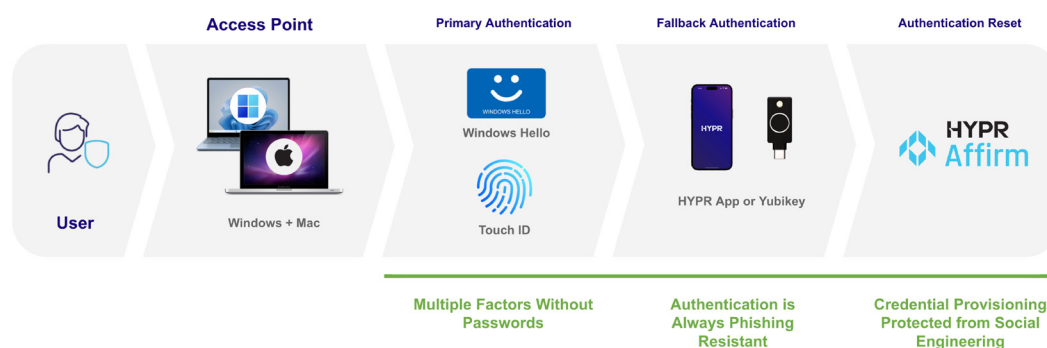
## HYPR Plus WHfB: No Coverage Gaps, No Phishable Factors

HYPR provides FIDO device-bound passkeys in whatever form you want — browser, smartphone app, hardware security key or smartcard. Through our tight integrations and close collaboration with Microsoft, organizations deploying HYPR alongside WHfB get a unified solution that extends its coverage and eliminates lingering vulnerabilities.

Fully interoperable with Microsoft Entra and your entire IAM environment, HYPR provides frictionless, phishing-resistant MFA from desktop to cloud:

- Covers roaming users on shared workstations
- Securely unlocks Windows, MacOS, Linux, iOS and Android devices, and endpoints running on physical or VDI workstations
- Enables biometric authentication through the HYPR app that complies with privacy regulations

### Windows Hello for Business Together With HYPR



## Maximize Your Microsoft Investment

By adding HYPR, you gain greater security, flexibility and control for your Microsoft and non-Microsoft environments. HYPR's phishing-resistant passwordless authentication is part of the HYPR Identity Assurance solution, which ensures continuous end-to-end identity security and a seamless user experience for your entire enterprise:

- Secure identities from Day 0: Tie real world identity to digital credentials by uniting identity verification with provisioning workflows
- Use HYPR identity verification flows to issue Microsoft Verified ID credentials
- Expanded Risk Intelligence: Leverage HYPR's high-fidelity data, IdP data, and endpoint and browser risk signals for conditional access decisions
- Enforce automated identity verification of users based on real-time detected risk

### About HYPR

HYPR, the leader in passwordless identity assurance, delivers comprehensive identity security by unifying phishing-resistant passwordless authentication, adaptive risk mitigation and automated identity verification. Trusted by top organizations including two of the four largest US banks, HYPR ensures secure and seamless user experiences and protects complex environments globally.

# HYPR

THE IDENTITY ASSURANCE COMPANY

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