HYPR

THE PASSWORDLESS COMPANY

Table of Contents

Welcome to
The Passwordless Company

HYPR is the leader in Passwordless Multi-factor Authentication.

The HYPR Cloud Platform makes it easy to eliminate passwords and deliver lightning-fast login experiences that users love.

With HYPR, businesses are finally able to stop phishing, reduce fraud, and enable unrivaled security for employees and customers across the globe.

$72M+
Capital Raised

ADVENT INTERNATIONAL

FE

COMCAST VENTURES

.406 Ventures

boldstart

SAMSUNG

50M+
Users Deployed

OTIS
United Technologies

CVS
Health

Rakuten

fiserv.

mastercard

Takeda

6+ Years
Built by IAM Experts From

RSA

FORGEROCK

Ping iD

SECUREAUTH

okta

DUO

The Problem - Password-Based MFA

Hackers aren't just trying to crack your passwords — they're weaponizing *millions of known passwords* against your users. Hackers attempt to find accounts that reuse passwords across websites for Account Takeover (ATO) fraud. Thanks to passwords and shared secrets, large-scale attacks like credential stuffing and password spraying now make up a majority of website traffic. And despite millions invested in multi-factor authentication, businesses continue to rely on password-based MFA.

What Are Shared Secrets?

Passwords, PINs, 2-Factor SMS codes, One Time Passwords (OTP), even credit card numbers. Any digital key posessed by both a user and a centralized database can be a shared secret. They are often the cause of large-scale breaches, credential reuse, MFA bypass, phishing and replay attacks.

$1.7B
Account Takeover (ATO) fraud costs doubled since 2015

+56%
Amount of Consumer Banking traffic are malicious login attempts

MFA Adoption
Stagnated globally due to the high friction of password-based MFA

Password-Based MFA

• Excessive User Friction

• Hackers' favorite target

• Credential Stuffing, Fraud, 2FA Phishing

• Gaps in Customer and Desktop MFA Adoption

The Solution - True Passwordless MFA™

HYPR is the first Authentication Platform designed to eliminate passwords and shared secrets across the enterprise. HYPR is powered by advanced Public-Key Cryptography deployed at scale across millions of users. This approach removes the hackers' primary target – forcing them to attack each device individually while drastically increasing security.

With True Passwordless MFA® by HYPR, businesses can finally eliminate password reuse, fraud and phishing – all while providing a lightning-fast user experience that's easy to use and easy to deploy.

> " Passwords are not security – they are a vulnerability. The world needs to move beyond password-based authentication. HYPR provides identity authentication without the passwords.
>
> **Michael Christenson**
> COO, New Relic

300% Faster Login
than Password-Based MFA

99% Reduction
in Account Takeover Fraud

True Passwordless MFA
Trusted by the Global 2000

True Passwordless MFA

- Lightning-Fast User Experience
- Replace Passwords with Public-Key Encryption
- Stop Credential Stuffing, Fraud and Phishing
- Solve Your Customer and Desktop MFA Gap

True Passwordless™ MFA

Zero Trust begins with Zero Passwords. And it's made possible with True Passwordless MFA by HYPR. Eliminate passwords across Windows, MacOS, and virtual desktops (VDI). With built-in support for your favorite Identity and Single Sign-On (SSO) providers, HYPR helps you extend passwordless authentication across your enterprise.
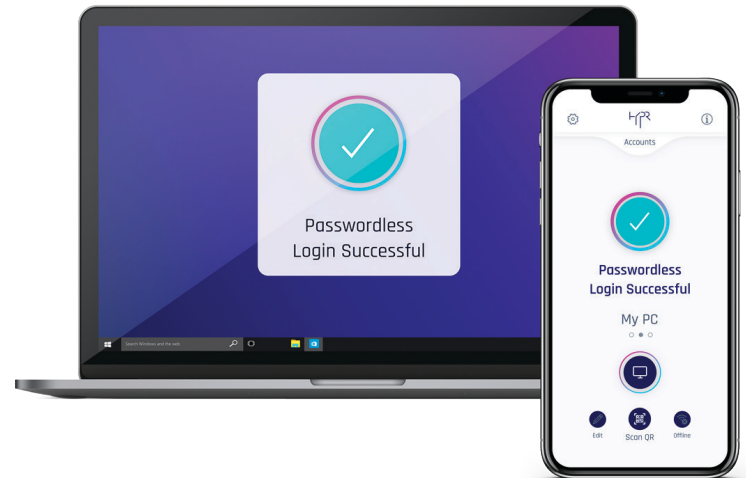
Solve Your Desktop MFA Gap Across Windows, MacOS & VDI

Eliminate Phishing, Friction and Password Reuse

Go Passwordless Anywhere With Offline Mode

Azure AD

Mobile & Web
Applications

FIDO2
Windows Hello

ADFS

VDI & VPN

FIDO2 Tokens
Yubikey

DESKTOP MFA
Windows/Mac/Linux

> " After looking at countless authentication products, we decided that the best way to address our cybersecurity issues was HYPR's passwordless MFA solution."
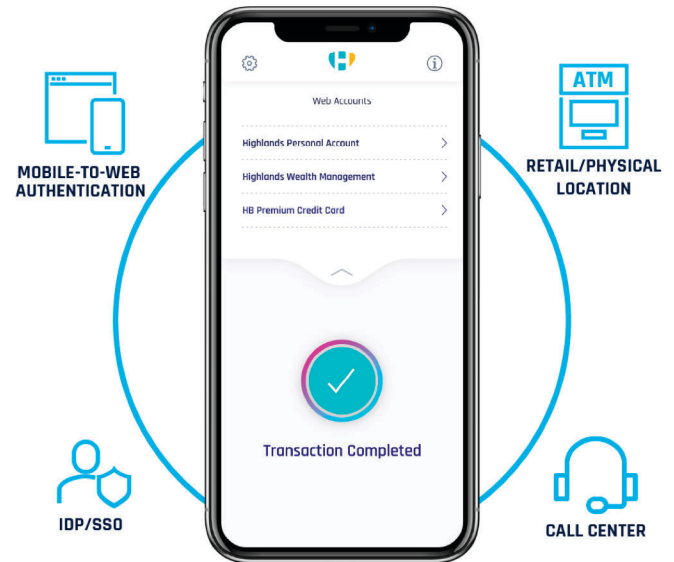>
> **Joe Kynion**
> VP Information Technologu, First Citrus Bank

Experience 300% Faster Login Speeds

HYPR combines True Passwordless Authentication with a mobile-first user experience, enabling users to login more than 300% faster than password-based MFA.

Say Goodbye to Unlocked Workstations

Remote Lock by HYPR enhances your passwordless workforce by making it faster and easier to lock your computer from anywhere using your smartphone.

Secure Mobile-Initiated Authentication

HYPR is the first to enable passwordless login that begins on the mobile device. By initiating authentication on the mobile device, HYPR stops PUSH attacks before they happen.

Passwordless Customer Authentication

Solve your Customer MFA Gap. HYPR delivers Strong Customer Authentication that's faster and easier than ever before. Reduce Account Takeover (ATO) Fraud and improve your customer login experience. Increase customer MFA adoption and mobile engagement with lightning-fast security that sparks joy. The world's leading enterprises deploy HYPR to enhance security with usability that's simple, familiar, and intuitive.

Reduce Account Takeover Fraud by Up to 99%

Stop Credential Stuffing and Password Reuse

Save Millions of Dollars in Password Reset Costs

MOBILE-TO-WEB AUTHENTICATION

ATM
RETAIL/PHYSICAL LOCATION

Web Accounts

Highlands Personal Account

Highlands Wealth Management

HB Premium Credit Card

Transaction Completed

IDP/SSO

CALL CENTER

Lightning-Fast Mobile-To-Web Login

HYPR gives your users a consistent mobile-to-web login experience and accelerates transaction velocity with passwordless transaction approval. Additionally, HYPR is scalable to millions of transactions per minute. True Passwordless SCA performs under pressure so you can handle usage spikes as well as growing demand.

Reduce Fraud Rates By Up To 99%

Customers habitually reuse passwords across websites. This poses a widespread security risk because credential harvesting has a domino effect that impacts organizations worldwide. By eliminating passwords, you protect your customers against large-scale credential reuse attacks.

Passwordless Policy Management Fully Integrated with Your Risk Engine

HYPR is fully API-driven and integrates with your existing identity provider, fraud and risk engine. Do more with your existing authentication spend without displacing your favorite tools.
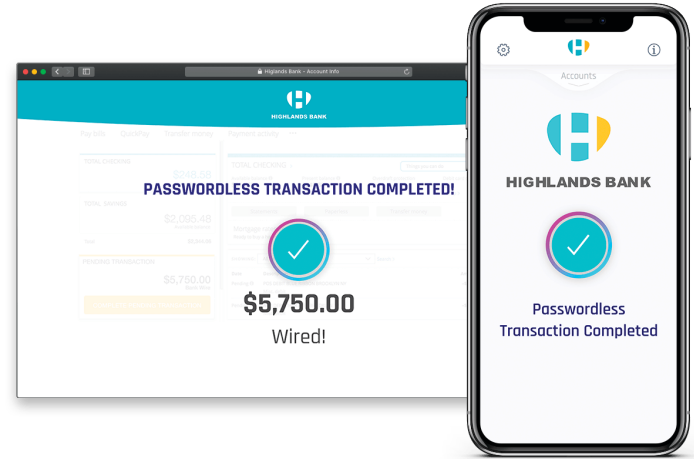
> "True Passwordless Security provides not only an ability for me to help drive a strategic vision that addresses security and fraud risk for my enterprise. It also helps me drive a vision, meet the digital engagement goals that we have, and provide our users and our customers with a better experience."
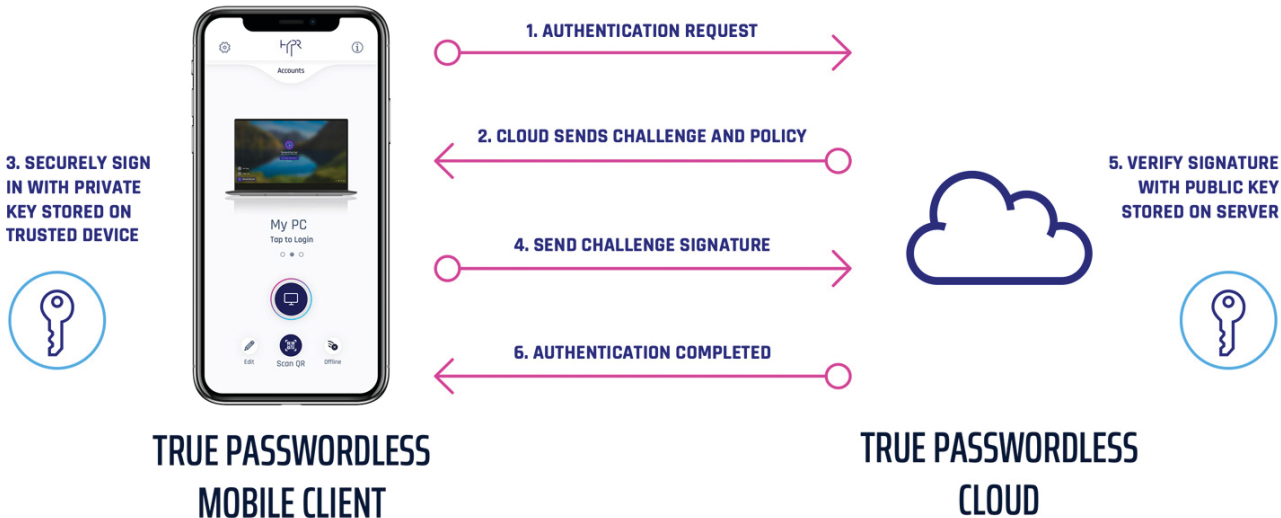>
> **Brian Heemsoth**
> Executive Director of Global Security, CVS Health

How It Works

Simply put, it's like turning your smartphone into a smart card. Rather than storing passwords and shared secrets inside the enterprise, HYPR replaces the use of passwords and shared secrets with Public Key Cryptography and open standards such as FIDO2.

HYPR eliminates passwords through the use of Public Key Encryption (PKE) which drastically reduces the attack vector. This involves using a pair of cryptographic keys: a private key that's kept secret on the user's device at the hardware-level, and a public key that is stored on the Passwordless Cloud.

1. AUTHENTICATION REQUEST

2. CLOUD SENDS CHALLENGE AND POLICY

3. SECURELY SIGN IN WITH PRIVATE KEY STORED ON TRUSTED DEVICE

4. SEND CHALLENGE SIGNATURE

5. VERIFY SIGNATURE WITH PUBLIC KEY STORED ON SERVER

6. AUTHENTICATION COMPLETED

My PC
Top to Login

TRUE PASSWORDLESS MOBILE CLIENT

TRUE PASSWORDLESS CLOUD

The HYPR Difference

Transform your Smartphone into a FIDO Token

Evolve your organization from a target that's expensive to defend, to an infrastructure that's expensive to attack. HYPR is a FIDO-Certified platform powered by Public-Key Cryptography and Open Standards.

True Passwordless Offline Mode

True passwordless offline mode is unique to HYPR, uses a decentralized PIN, and ensures your roaming workforce is safe wherever they are. This unique approach is a prime example of the depth of expertise that goes into addressing edge cases to ensure passwordless adoption across the globe.

Patented Mobile-Initiated Authentication

Enable passwordless login that begins on the mobile device to stop attacks before they happen including: PUSH attacks, man-in-the-middle (MITM) attacks, replay attacks, and credential stuffing attacks.

Secure Workforce and Customer Experiences

One platform. Any use case. Eliminate passwords and shared secrets across all lines of business.

Right Balance of UX and Security

These two disciplines have traditionally lived within their own silos. Today, the expanding digital landscape calls for UX and security to combine into a dynamic yet balanced whole. Use cases are converging. People want to authenticate securely and enjoy using products and services, at work and at home.

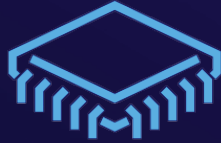## No Smartphone? No Problem.

HYPR allows you to use any passwordless authenticator such as Windows Hello, Touch ID, and FIDO2 Tokens.

Platform

Free your enterprise from passwords and shared secrets. The HYPR Cloud Platform improves your security posture and enables business growth with multi-factor authentication (MFA) that's truly passwordless.
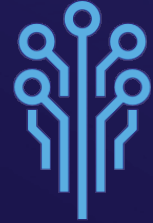
App

SDK

Desktop
Client

Control
Center

Integrations

HYPR Apps

Deploy True Passwordless MFA across your organization with your own branded mobile app. Deploy the lightweight mobile app to all of your users and eliminate passwords with the push of a button.
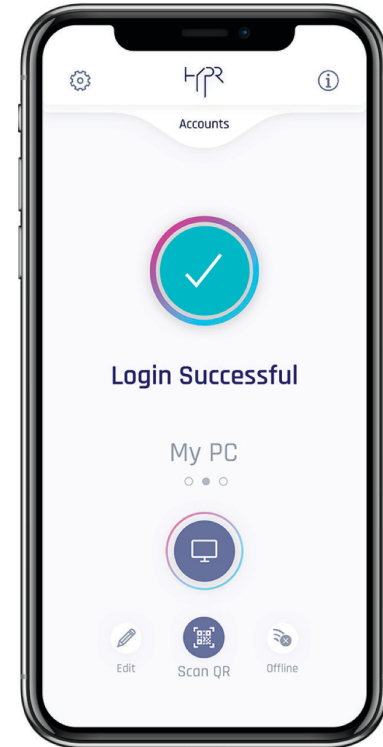
Cross-Platform Workstation Login Across Windows & MacOS

Mobile-to-Web Authentication with FIDO2 and HTTPS

The First True Passwordless Offline Mode

The Only Mobile-Initiated Authentication

User Experience Easy as 1-2-3

Advanced Jailbreak and Root Detection

Proximity & Remote Lock

Fully Customizable & Rapid Deployment

One App. Any Identity Provider. Limitless Possibilities.

Remote Lock Your Workstation

Personalized and Branded For Your Team

Desktop MFA Client

The Desktop MFA Gap stops right here. By combining public-key encryption with lightning-fast mobile-initiated authentication, the HYPR Desktop MFA Client enables passwordless MFA to workstations through your mobile device.

It's FIDO-Certified. It's Fast. It even works on Windows 7.

Secure Physical, Virtual and Remote Desktop Login

• Deploy Across Windows 7, 8, 10, and MacOS

• Securely Pair Multiple Devices and User Profiles

• Secure Virtual Desktops (VDI) & Roaming User Login

• Use Your Favorite Security Key - Leverage FIDO Tokens, Smart Cards, YubiKey, Windows Hello, & Touch ID

HYPR Desktop Client

HYPR Mobile

Platform Authenticators

Touch ID

Windows Hello

FIDO Tokens

Google Titan
YubiKey

FIDO Control Center

Manage, provision, and deploy passwordless policies across millions of users with the world's first FIDO Control Center.

Passwordless Policy Management Has Arrived

- Simple Policy Management for Complex Needs

- Real-Time User Analytics, Audit Logs, and Metrics

- Intuitive Admin Console Designed for Speed

- Fraud and Risk Engine Integration

- Geo-Location & Advanced Policy Management

- Fully API-driven and Extensible
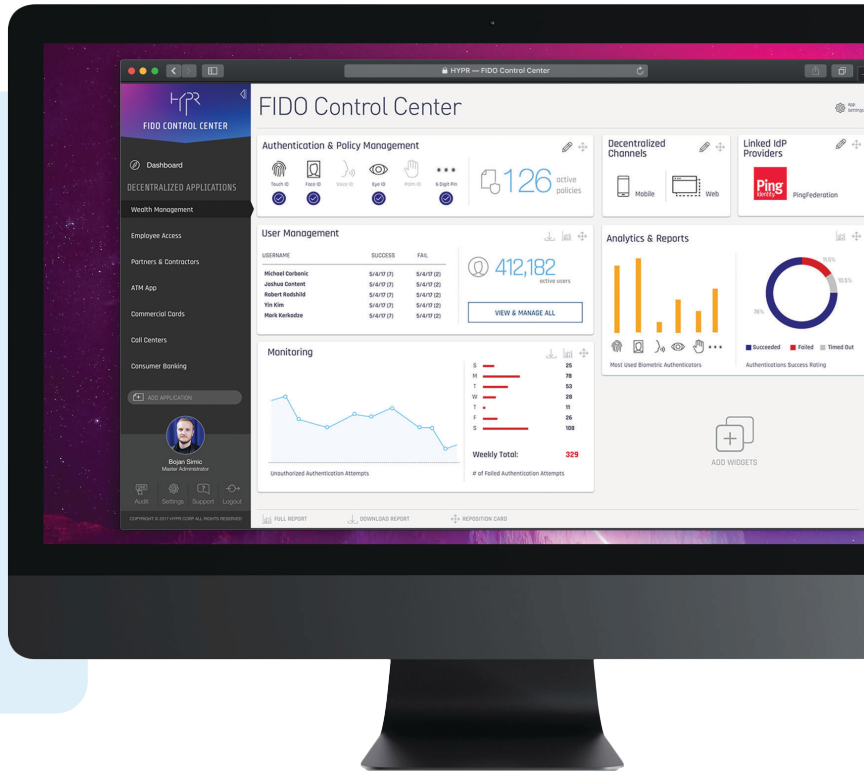
True Passwordless SDK

Integrate True Passwordless MFA™ into your mobile and web applications. Give your users the fastest login experience and achieve maximum security on any device by securing user authentication keys below the operating system.

At HYPR we believe everyone deserves the best possible user experience – including your technical teams. Time is money and your organization needs security agility. The True Passwordless SDK is designed to make life easier for your developers with a fast and easy 1-day integration.

Your Platform   **HYPR SDK**   **Your Code**   **Your App**
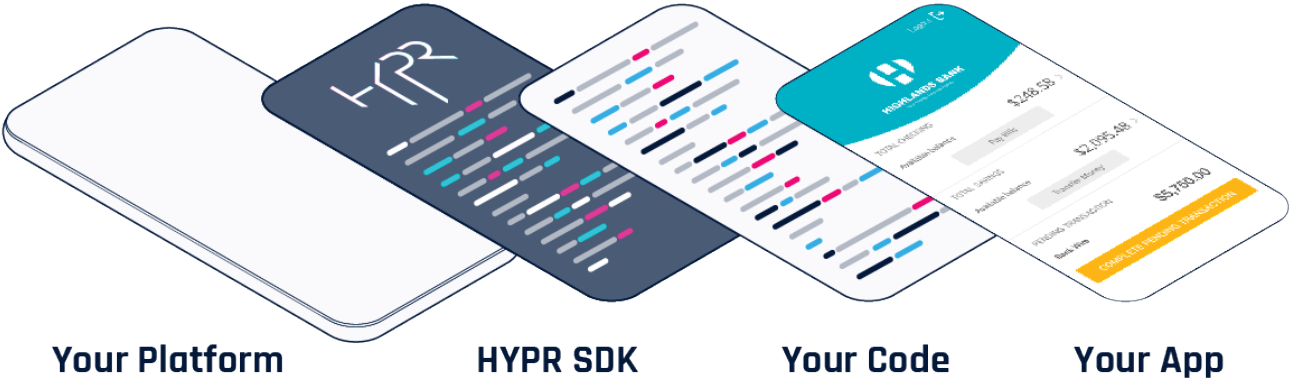
Secure Mobile-to-Web Login in Minutes

Deliver a fast and consistent mobile-to-web login experience through passwordless transaction approvals, including step-up authentication. HYPR is scalable to millions of transactions per minute.

Deploy SCA in a Day

Compliance with SCA under the EU's Payment Services Directive (PSD2) doesn't need to be a painstaking process. HYPR's SDKs help you satisfy SCA across all apps and platforms.

Give Your Developers a Break

HYPR is built for speed. Our mobile and web SDKs put emphasis on rapid deployment so your team can quickly secure access on any app across all business lines.
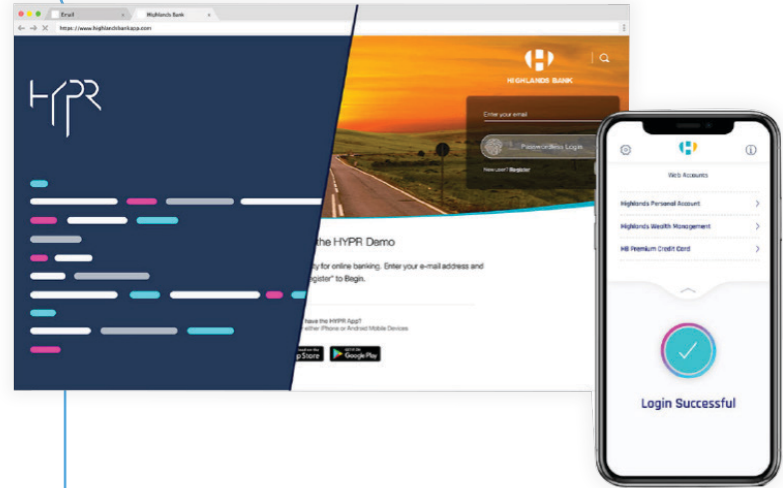
> "
> HYPR's passwordless authentication SDK provides a strong alternative to phishable and inconvenient passwords – and it works across devices customers use in their daily lives already."
>
> **Arshal Ameen**
> Rakuten

Eliminate Passwords for Customers and Employees

At HYPR, we designed a passwordless MFA platform to address the accelerated convergence of workforce and customer use cases. HYPR provides everything your organization needs to deliver True Passwordless™ Security to customers, employees, partners, and contractors.

For modern CISOs, CIOs, security, IAM, and IT leaders across the organization, the cost-benefit ratio is key. HYPR provides a unified passwordless authentication platform for both workforce and customer users which presents your organization a level of efficiency, cost savings, and ease of use that was previously unachievable.

Do more with your authentication spend.

A passwordless world is inevitable — and we want to help you get there quickly. Set your organization ahead from competitors with best-of-breed authentication that goes beyond outdated security models and the status quo. With HYPR you can achieve the necessary balance between security and UX to propel your organization into a brighter future.

Try HYPR for Free Today

Find out why leading enterprises deploy HYPR to eliminate passwords:

www.HYPR.com

HYPR

www.HYPR.com

1001 Avenue of the Americas, 10th Floor
New York, NY 10018

1-866-GET-HYPR