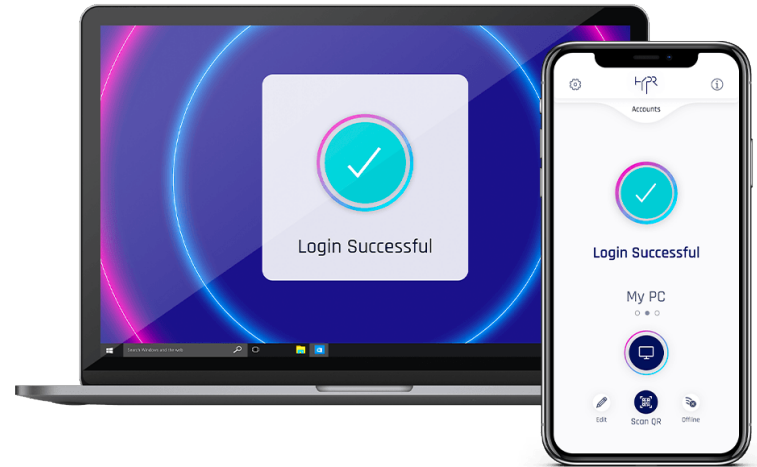HYPR

THE PASSWORDLESS COMPANY

HYPR

The Leading Provider of
True Passwordless Security®

Passwords and shared secrets are the #1 cause of breaches. But despite millions of dollars invested in authentication, your users still log in with passwords each day.

Backed by Comcast, Mastercard and Samsung, the HYPR cloud platform is designed to eliminate passwords and shared secrets across the enterprise. By replacing passwords with Public Key Encryption, HYPR removes the hackers' primary target - forcing them to attack each device individually. With HYPR, businesses are finally able to deploy Desktop MFA and Strong Customer Authentication to millions of users worldwide.

Welcome to #ThePasswordlessCompany.

$32M+

Backed by Industry Leaders

COMCAST VENTURES   SAMSUNG

boldstart   .406 Ventures

40M+

Users Deployed Worldwide

T··Mobile·   aetna™

Rakuten   CITY NATIONAL BANK
AN RBC COMPANY

First Data®   First Citrus Bank

6+ YEARS

Engineered by Identity Experts

RSA   FORGEROCK®

PingID™   DUO

okta   SECUREAUTH

THE PROBLEM - PASSWORDS, PINS & OTP

Guess what? Hackers aren't trying to crack your passwords anymore. They are weaponizing millions of previously stolen passwords against your users. Hackers attempt to find accounts that reuse passwords across websites - and thanks to password reuse, large-scale attacks like credential stuffing and password spraying now make up a majority of website traffic. And the worst part? Despite millions of dollars invested in multi-factor authentication, most companies still rely on passwords - the hackers favorite target.

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

+56%
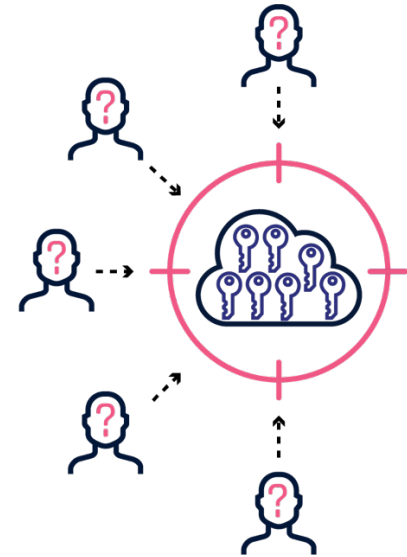Of Consumer Banking traffic is malicious login attempts

DESKTOP MFA
Has remained unsolved, with most workstations still relying on passwords

CUSTOMER MFA
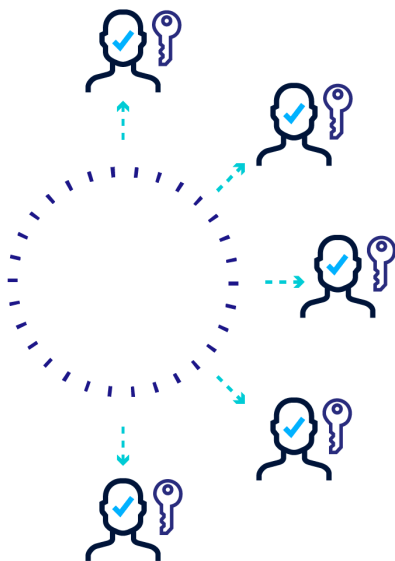Has stagnated globally since 2015 according to the Internet Trends Report

WHAT ARE SHARED SECRETS?

They are 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, phishing and replay attacks. Despite millions invested in authentication, businesses continue to rely on passwords and shared secrets.

PASSWORDS & SHARED SECRETS

- Create Too Much User Friction
- Remain the Hackers' Favorite Target
- Credential Stuffing, Fraud, 2FA Phishing
- Customer & Desktop MFA Gap Remain Unsolved

THE SOLUTION - TRUE PASSWORDLESS SECURITY

HYPR is a cloud-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 Security, 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.

SOLVE YOUR DESKTOP MFA GAP	ENABLE PASSWORDLESS CUSTOMER MFA	ELIMINATE THE HACKERS' FAVORITE TARGET

> " 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

TRUE PASSWORDLESS MFA

- Provide a Lightning-Fast User Experience

- Replace Passwords with Public-Key Encryption

- Stop Credential Stuffing, Fraud and Phishing

- Solve Customer and Desktop MFA Gap

TRUE PASSWORDLESS™ MFA

Despite millions of dollars invested in authentication, most employees still log into workstations with a password. That's because traditional MFA products rely on passwords and shared secrets, leaving your workforce wide open to credential reuse and Push attacks while slowing down the login experience. True Passwordless® MFA by HYPR allows you to deploy a passwordless workforce in days. And 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

Eliminate passwords across Windows, MacOS, Linux, and virtual desktops (VDI). With HYPR you can easily solve the desktop MFA gap.

GO PASSWORDLESS ANYWHERE WITH OFFLINE MODE

Secure a roaming workforce with Offline Mode by HYPR, which leverages a secure Decentralized PIN to ensure users can log in anywhere - whether they're in transit, on an airplane, or underground.

STOP PUSH ATTACKS WITH MOBILE-INITIATED LOGIN

HYPR is the only provider to enable passwordless login that begins on the mobile device. With mobile-initiated login, HYPR stops PUSH attacks, MITM, replay, credential stuffing, brute force, and social engineering - before they happen. This advanced innovation is one of the many reasons why enterprises choose HYPR to eliminate passwords.

SECURE YOUR PASSWORDLESS WORKFORCE **IN DAYS**

" *"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 Technology, First Citrus Bank

DO MORE WITH YOUR AUTHENTICATION SPEND

You have invested a lot of time and resources in identity security but are still dealing with password headaches. With HYPR you can keep your existing Identity Provider, unify your login experiences, and easily deploy True Passwordless MFA™ without displacing your IAM stack.

Eliminate Password Reset Costs

Save thousands of hours in help desk and service costs caused by password fatigue and the frustration that comes with long, complex passwords.

Stop Phishing & Credential Reuse

Phishing and credential stuffing attacks exploit passwords and its reuse. Instead of typing in passwords, enable your workforce with lightning-speed passwordless authentication initiated via mobile.

Unify Authentication Experiences

Your workforce is likely fumbling with your numerous MFA apps spread across multiple identity providers with different authentication modalities. Unify your identity portals with a consistent passwordless login experience that's easy to use and easy to deploy.

Save 24 Hours a Year in Workforce Productivity

The modern day employee wastes an average of 24 hours per year logging into workstations. Improve workforce productivity by shaving down valuable time wasted on legacy MFA apps and typing in long, complex passwords.

Keep Your Existing Provider

Your organization invested a lot of time, resources, and effort into your identity stack. We enable you to put True Passwordless MFA in front of your existing solutions so there's no need for rip and replace. Our native plugins are fully interoperable with your existing IdPs including:

okta   Ping Identity   FORGEROCK   ca technologies

TRUE PASSWORDLESS™ SCA

Strong Customer Authentication (SCA) under the PSD2 regulation addresses security protocols but it can introduce friction if not addressed correctly. The success of these security mandates heavily depends on customer adoption at scale. This requires a solution that enhances security without compromising on excellent UX demanded by customers.
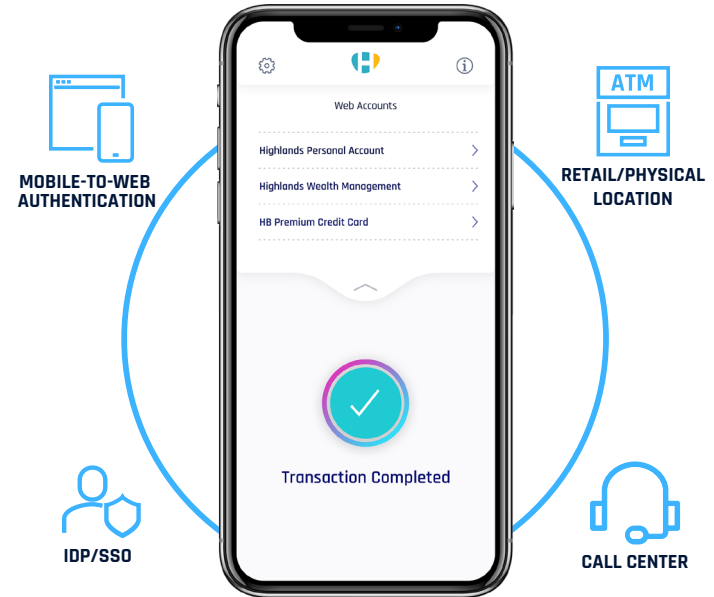
REDUCE FRAUD RATES BY UP TO 99%

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.

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.

DEVELOPER-FREE DEPLOYMENT

Time is money and your organization needs agility. This remains true even for small teams that have minimal resources. That's why HYPR is built for speed. Our mobile and web SDKs put emphasis on fast developer integration and deployment so your team can quickly provide secure access on any app across all your business lines.

MOBILE-TO-WEB AUTHENTICATION

RETAIL/PHYSICAL LOCATION

IDP/SSO

CALL CENTER

Web Accounts

Highlands Personal Account

Highlands Wealth Management

HB Premium Credit Card

Transaction Completed

" HYPR's Passwordless FIDO authentication provides an alternative to phishable and inconvenient passwords/PINs - and it works across devices customers use in their daily lives already. "

- Arshal Ameen
Application Architect, Rakuten

ELIMINATE PASSWORDS AND ENHANCE YOUR CUSTOMER EXPERIENCE

Achieve SCA in a Single Day

True Passwordless SCA makes life easier for organizations and their teams to quickly deploy passwordless authentication millions of customers worldwide. Maximize your reach with passwordless security that eliminates poor UX that comes with shared secrets and legacy MFA. It's time to evolve your security to better tackle fraud and friction, at global scale.

Stop Credential Stuffing and ATO Fraud

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.

Save Millions in Password Resets

You know the drill. Users get locked out, Customer Service teams spend thousands of hours a year on this problem. Long, complex passwords are expensive to manage and frustrating for everyone. You can instead, enable your workforce with lightning-speed passwordless authentication initiated via mobile

Satisfy PSD2 Compliance

Section 9.3 of the PSD2 Regulatory Technical Standards (RTS) specifically describes the use of "separated software execution environments" for achieving Strong Customer Authentication (SCA). This means passwords and legacy 2FA are no longer good enough to secure customer applications – as they rely on shared secrets that do not make use of a secure software execution environment. HYPR provides a fast and simple way to achieve PSD2 compliance by eliminating the use of passwords and shared secrets for authentication.

Accelerate Mobile Adoption and Enhance Customer Experiences

Usability drives adoption. HYPR provides fast and easy UX that's designed for everyone. With True Passwordless Security you can create a frustration-free experience that prevents cart and checkout abandonment. It also frees up time for your customer support team to focus on providing stellar service instead of password resets.
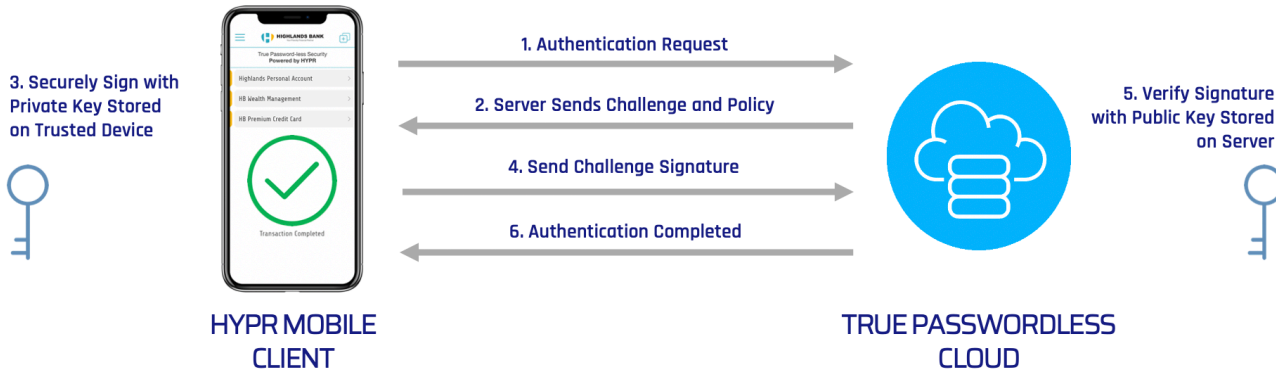
HOW IT WORKS

Rather than storing passwords and shared secrets inside the enterprise, True Passwordless Security moves the crown jewels to the edge. User credentials are stored securely in the most trusted areas of smartphones and devices that are in the control of the user.

HYPR replaces the use of passwords and shared secrets with Public Key Cryptography and open standards such as FIDO2. With HYPR you eliminate shared secrets 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 mobile device at the hardware-level, and a public key that is stored on the HYPR True Passwordless Server.

Simply put, it's like turning your smartphone into a smart card.

> After more than 50 years in the IT industry, I'm finally seeing the password come to an end. What HYPR has done for passwordless authentication is nothing short of phenomenal.
>
> **- Nicholas Donofrio**
> EVP of Technology, IBM (Ret.)

3. Securely Sign with Private Key Stored on Trusted Device

1. Authentication Request
2. Server Sends Challenge and Policy
4. Send Challenge Signature
6. Authentication Completed

5. Verify Signature with Public Key Stored on Server

HYPR MOBILE CLIENT

TRUE PASSWORDLESS CLOUD

HOW WE DO IT BETTER

Elimination of Passwords and Shared Secrets for Leading-Edge Security

Evolve your organization from a target that's expensive to defend, to an infrastructure that's expensive to attack.

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.

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.

Public-Key Encryption and Open Standards

Reduce your attack vector by replacing passwords and shared secrets with Public Key Cryptography and open standards such as FIDO2.

Lightning-Fast Deployment, Integration, Ease of Use

Arm your teams with true passwordless SDKs to achieve fast developer integration, deployment and login experiences. If your organization has customer-facing apps, we can help you achieve SCA in a single day.
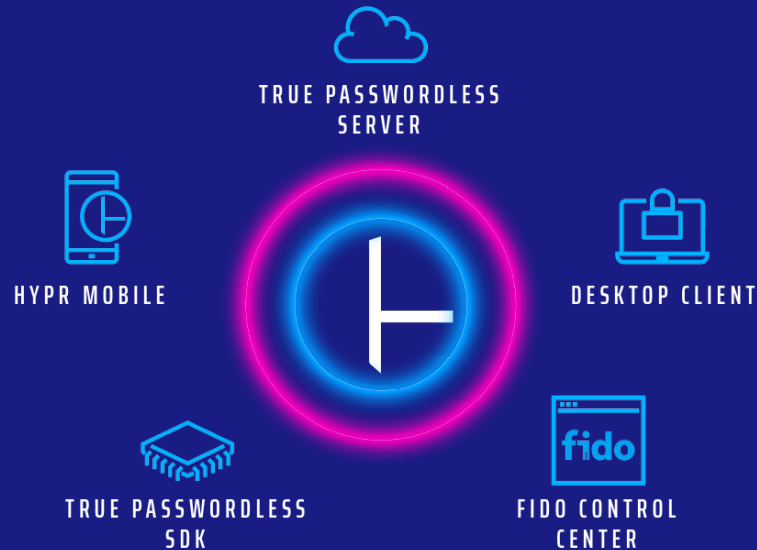
Right Balance of UX and Security

These two disciplines have traditionally lived within their own siloes. 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.
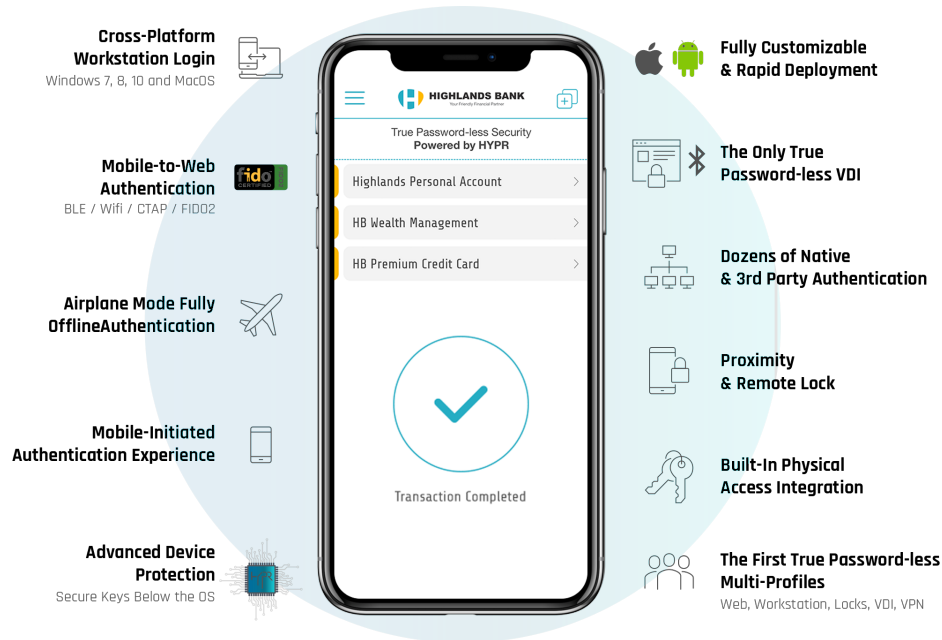
PLATFORM

The HYPR Cloud Platform is Designed to Eliminate Passwords & Shared Secrets across the Enterprise.

TRUE PASSWORDLESS SERVER

HYPR MOBILE

DESKTOP CLIENT

TRUE PASSWORDLESS SDK

FIDO CONTROL CENTER

MOBILE APP

Deploy True Deploy True Passwordless Security cross-cloud, cross-platform, in your own custom-branded app. Deploy the HYPR mobile app to all of your users and eliminate passwords with the push of a button. HYPR makes the passwordless onboarding experience simple, easy and intuitive for all of your users.

Cross-Platform Workstation Login
Windows 7, 8, 10 and MacOS

Mobile-to-Web Authentication
BLE / Wifi / CTAP / FIDO2

Airplane Mode Fully OfflineAuthentication

Mobile-Initiated Authentication Experience

Advanced Device Protection
Secure Keys Below the OS

Fully Customizable & Rapid Deployment

The Only True Password-less VDI

Dozens of Native & 3rd Party Authentication

Proximity & Remote Lock

Built-In Physical Access Integration

The First True Password-less Multi-Profiles
Web, Workstation, Locks, VDI, VPN

HIGHLANDS BANK
Your Friendly Financial Partner

True Password-less Security
Powered by HYPR

Highlands Personal Account

HB Wealth Management

HB Premium Credit Card

Transaction Completed

TRUE PASSWORDLESS SERVER

Deploy Cloud, On-Prem, or Hybrid. HYPR removes shared secrets from the enterprise so you can finally move authentication to the cloud.

Cross Cloud Deployment
AWS, GCP, Azure

Advanced Policy Management
Geo-Location, Device Health, Root Detection

Rapid Deployment On-Prem
Any AD Environment

World's First FIDO
Control Center

Cross-Platform IdP Extensions

Cross-Platform
VPN & Network

okta ThreatMetrix FORGEROCK Active Directory

CITRIX CISCO vmware

PingIdentity ca technologies acuant

Pulse Secure JUNIPER NETWORKS f5

NICE·ACTIMIZE Shibboleth RSA

Easy Admin
Device Recovery Mode
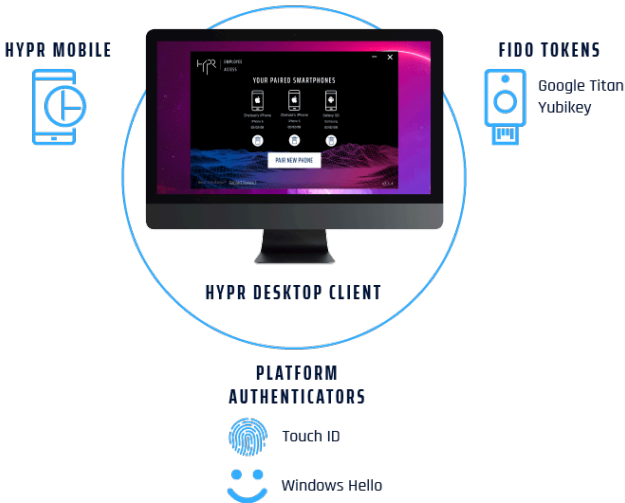
Pre-Integrated
KYC Processes

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 login to workstations through your mobile device. It's FIDO-Certified. It's Fast. It even works on Windows 7.

A FULLY INTEROPERABLE ADVANCED CREDENTIAL PROVIDER

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

· Securely Pair Multiple Devices and User Profiles

· Secure Virtual Desktops (VDI) & Roaming User Login

· Leverage FIDO2, UAF, U2F Authenticators including Smart Cards, Yubikey, Windows Hello, & Touch ID

FIDO CONTROL CENTER

Manage, provision & deploy passwordless authentication policies across millions of users with the world's first FIDO Control Center.
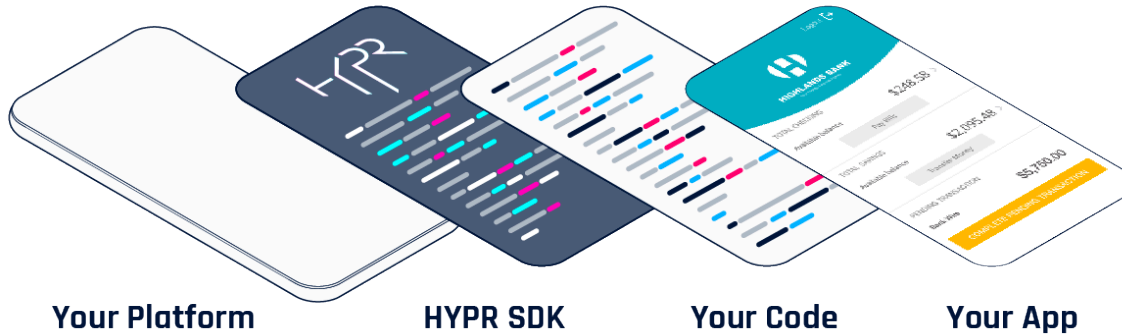
PASSWORDLESS POLICY MANAGEMENT HAS ARRIVED

· World's First FIDO Management Console

· Create Passwordless Policies with an Intuitive User Interface

· Manage, Provision and Deploy Users

· Geo-Location & Advanced Polocy Management

· Fully API-Driven Integration with your Identity Stack

· Real-Time User Analytics

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**

FIDO-Certified. Fast, Lightweight Architecture.   Cross-Platform Deployment.   Fully Integrated with Your Identity Provider.

A SINGLE HOLISTIC APPROACH

Eliminate Passwords For Both Customers and Workforce

At HYPR, we designed our passwordless authentication 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.
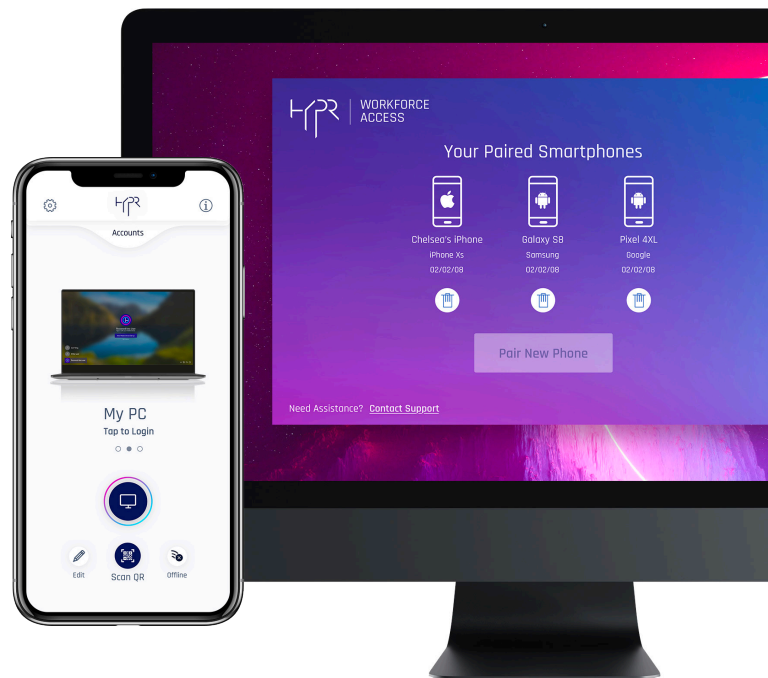
Do more with your authentication spend when it comes to securing access for everyone. HYPR's unified solution helps you eliminate passwords across your organization. Many organizations must manage multiple identity providers such as Okta, ForgeRock, Ping, CA, FusionAuth and more. With our holistic approach, you don't have to worry about vendor lock-in. You can extend investment in your existing infrastructure and provide fast, easy access for both your workforce and consumers.

START YOUR FREE TRIAL NOW

FIND OUT WHY LEADING ENTERPRISES

DEPLOY HYPR TO ELIMINATE PASSWORDS:

WWW.HYPR.COM/FREE-TRIAL

HYPR

www.HYPR.com

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