



IDX: Transforming Identity Management for External Workforce & Supply Chain



Closing the External Workforce Blindspot

In today's workforce, contractors, vendors, and partners represent over **38%** of the workforce, yet they remain a major security vulnerability. Traditional IAM systems are built for employees, leaving external identities unmanaged, unsynchronized, and unsecured.

The Risks of Ineffective Identity Management:

- **75%** of third party breaches targeted the tech supply chain
- **\$4.88M** – Average cost per breach involving external access
- **29%** of breaches involve third parties, with 48% of breaches in Japan coming through third parties

authID's IDX solves this with a purpose-built identity platform designed specifically for contractors. Powered by the **ADIA framework**, IDX binds real-world identities to verified, reusable digital credentials without changing your IAM provider.

How IDX Closes the External Workforce Blindspot:

- **Biometric-Bound Identities:** Contractors receive a digital credential bound to their biometrics, eliminating shared logins and enforcing individual accountability.
- **Seamless IDP Synchronization:** IDX synchronizes external identities across your IAM systems (Okta, Entra ID, Ping, ForgeRock), bridging silos and reducing orphaned accounts.
- **Automated Lifecycle Management:** AI-driven workflows streamline onboarding and offboarding, ensuring that every identity is verified, activated, and deactivated without IT intervention.
- **Continuous Verification:** Contractors reauthenticate using FIDO2 and biometrics, preventing unauthorized access and credential reuse and eliminating the need for username / password management.

IDX turns contractor identity management into a secure, auditable process that aligns with Zero Trust principles, mitigates breach risk, and improves operational efficiency.

Security Without Compromise



Biometric + FIDO2 Authentication

Passwordless, phishing-resistant login. Biometric Authentication includes liveness detection, deep fake detection and anti-spoofing. FIDO2 keys are phishing resistant and not synchronized via cloud like Passkeys.



No PII Stored by IDX

ID documents and biometrics are processed client-side or on-premise - never retained by IDX cloud.



Zero Trust Ready

Enforces "verify before grant" principles for every external user.

How IDX Works

- **Establish Core Identity:** IDX connects to your Partner's existing system of record to establish a Root of Trust, creating a digital address for each contractor or partner.
- **Identity Blueprint Creation:** IDX securely processes identity attributes to generate a claimable credential, ready for verification.
- **Credential Claiming:** Contractors complete a document verification and biometric authentication test using a government-issued ID and selfie capture.
- **Root of Trust Validation:** IDX confirms identity authenticity against existing records.
- **Identity De-duplication:** IDX runs a biometric de-duplication to ensure only unique identities are created.
- **Credential Issuance or Linkage:** A new credential is issued or linked to the existing core identity.
- **Federation and Reusability:** The verified credential can be used across multiple organizations, maintaining interoperability and security.

Key Benefits

- **Eliminate Shared Accounts:** Assign unique, verifiable identities to every contractor, vendor, and external worker - no more shared logins or ghost accounts.
- **Synchronize Partner and Contractor IDPs:** Seamlessly connect siloed contractor and partner IDPs to your enterprise IAM, ensuring unified identity management and eliminating orphaned accounts.
- **Prevent Breaches:** Strong biometric authentication ensures only the right person gains access, blocking 3rd-party credential-based attacks and minimizing breach risk.
- **Automate Onboarding:** AI-powered Identity verification workflows issue, verify, and activate credentials in seconds - no tickets or IT involvement.
- **Ensure Compliance:** Strong accountability and immutable audit trails.
- **Minimize IT Overhead:** Zero-touch provisioning, seamless IAM integration, and self-service identity recovery reduce operational burden.
- **Privacy-First Biometric Authentication:** Passwordless, phishing-resistant login with biometrics, ensuring only verified users gain access.
- **No PII Stored in IDX:** Data is processed and discarded, never stored - aligning with ADIA's privacy framework. No Biometric templates are ever stored as those are replaced by PrivacyKey (PKI).



IDX: Secure, Smart Identity for the Workforce



IDX vs. Traditional IAM Solutions

Feature	IDX	Traditional IAM
• Built for Contractors	✓ Yes	✗ No
• Identity Proofing (ID + Biometric)	✓ Integrated	✗ Add-on or absent
• Privacy-first Design (No PII Stored)	✓ By default	✗ Typically centralized
• Plug-and-Play IAM Integration	✓ Simple IDP configuration	✗ Hard to synchronize
• Zero-Dev Onboarding Automation	✓ AI-Powered	✗ Manual/Scripts
• Lifecycle Control	✓ Self-Claimed & Auto-Deactivated	✗ Often orphaned

Deployment Options

- **On-Prem / Edge:** Handle verification inside your network for full data control.
- **Hybrid Cloud:** Keep orchestration in cloud while sensitive data stays on-site.
- **No Code Required:** Configure via admin console, not code.

Fast Time-to-Value

- **Deploy in minutes**
 - Integrate without disrupting your existing IAM infrastructure
- **Scale Gradually**
 - Expand from one team to enterprise-wide. No rip-and-replace needed.
- **Train in Minutes**
 - Simple self-claim flows for contractors. Minimal change management for IT.

ROI & CISO Metrics

- Third-Party Breach Risk ↓ by 50%+
- Onboarding Time ↓ from Days to Minutes
- IT Admin Hours ↓ by 50%
- 100% Verified Identities for Audit
- Compliance Fine Exposure ↓ to Near-Zero

Close the IAM Gap - Secure Your Extended Workforce

IDX is designed from the ground up to eliminate the current vulnerabilities associated with legacy IAM solutions without replacing your existing infrastructure.

Let IDX transform how you onboard, verify, and manage external identities—without adding risk, complexity, or overhead.

About authID

authID (Nasdaq: AUID) ensures enterprises “Know Who’s Behind the Device” for every customer or employee login and transaction, through its easy-to-integrate, patented, biometric identity platform. authID quickly and accurately verifies a user’s identity, eliminates any assumption of ‘who’ is behind a device to prevent cybercriminals from taking over accounts. By creating a biometric root of trust for each user, authID stops fraud at onboarding, detects and stops deepfakes, eliminates password risks and costs, and provides the fastest, most frictionless, most accurate, and most compliant user identity experience demanded by operators of today’s digital ecosystems.

Contact Us

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