FORTRESS IDENTITY
secure biometric identification

Digital ID Verification AML/KYC
Advanced Biometric Authentication
Active Directory MFA
Biometric Payments
Gate Access Control

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→ **Fortress Identity** was founded in 2015, our team of scientists and engineers:

→ **Researched**- Identified gaps in biometric authentication.

→ **Partnered** - Worked with industry leaders such as Visa, Microsoft, Google on security architecture and biometric API services delivery projects

→ **Consulted** - Discussed with experts in leading institutions such as MIT Labs, Cal Tech, Biometrics Institute, HIIT University, & Oxford University.

→ **Deployed** - In late summer of 2019, launched the Fortress authentication platform with solutions for web, mobile, server.

Biometrics Capabilities:

Voice Biometrics: Text Dependent, Text Independent (<100ms)

Facial Recognition: Crowd Detection/Identification, Single Selfie Matching (<130ms)

Behavioral: Machine Learning AI Engine Pattern Matching (Continuous)

Onboard Biometrics: Uses existing Fingerprint, FaceID, TouchID (from manufacturers)

Device Identification: Device validation of carrier/software (by session)

Network Status: Identify VPN, TOR, Subnets, IP Masking,

fortress*PAY*>>>
Biometric Payments

- E-commerce shopping cart/checkout solution
- Add biometric authentication to the user profile
- Lowers Interchange by better qualifying of the transaction
- Seamless one step checkout with facial and or voice recognition
- Reduced fraud, session abandonment, and chargebacks

fortress*BA*>>>
Biometric Authenticator

- Step-up security for existing systems.
- Add biometric security factors to existing access protocols for web, mobile, and servers.
- Adaptive technology combines ongoing environmental and biometric feedback plus adds Device Information, Network Status, and more, to create a responsive, dynamic transaction authentication score

fortress*ID*>>>
Digital ID Verification

- Validation of Government-issued documents i.e., Drivers License, Passport, in Over 195 countries
- Matching of document image to selfie
- OCR of document information for easy registration
- Connections to multiple identity verification databases for fraud detection, OFAC verification, AML monitoring, PEP, and more.

fortress*AD*>>>
Active Directory LDAP MFA

- Implement facial and voice biometric multi factor authentication on Azure or On-Premise AD Server
- Uses OpenConnect OAuth industry standard protocols
- White label mobile app for push notifications
- Works for VPN, VDI, Web and Mobile use cases
- Significantly lowers account take over attacks