iVALT®
The Future of IDENTITY

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UNLOCKING A NEW ERA OF IDENTITY

IDENTITY VALIDATION - USING AI TO STOP AI

In today's hyperconnected world, identity theft, credential fraud, and deepfakes are surging at an alarming rate.

- Over 80% of cyberattacks start with stolen credentials.
- Cybercrime is expected to cost $10.5 trillion annually by 2025.
- IoT devices and AI agents outnumber humans—but lack secure identity controls.

iVALT was created to fix the root problem: the lack of trusted, real-time identity across all digital endpoints.

We deliver a new standard — a unified, mobile-centric identity verification platform that validates humans, IoT devices, and AI agents using up to 25+ real-time, dynamic factors.

THE iVALT PLATFORM

Unlike outdated password or token-based systems, iVALT leverages the smartphone to verify identity in one click — no typing, no guessing, no phishing risk.

Human Authentication

- Mobile Biometrics (face, fingerprint)
- Device ID
- GPS + Time
- AI-driven contextual data (weather, stock prices, etc.)
- Optional username/password if needed

This 5+ Factor identity model offers Zero Trust at login — always verify, never assume.

IoT & AI Agent Identity

Unlike traditional identity solutions that only focus on people, iVALT extends identity verification to devices and digital agents, ensuring complete visibility and trust in every digital interaction.

How it works:

IoT Device Authentication:

iVALT authenticates each device using metadata such as: Creator ID & Device Instance, Time of Creation, Expected Network Origin, Dynamic, device-specific factors.

AI Agent Identification:

Similar to IoT, AI agents are validated through: Origin ID or creator ID , Timestamped credentials, Contextual location or time checks, Dynamic codes like TOTP.

This layered approach ensures that only trusted device can access the systems.

The Identity Crisis We're Solving:

Today's digital world runs on weak and outdated credentials—passwords, static 2FA, and basic certificates. These methods are no match for modern threats like AI deepfakes, phishing, and credential theft. iVALT was created to solve this growing identity crisis by delivering a secure, mobile-first authentication solution that eliminates these vulnerabilities at their root.

Securing IoT Devices and AI Agents:

iVALT brings identity verification to machines and AI. By validating metadata like creator ID, time of creation, and geolocation, iVALT ensures that only verified IoT devices and AI agents can interact with your systems—making Zero Trust possible across all endpoints.

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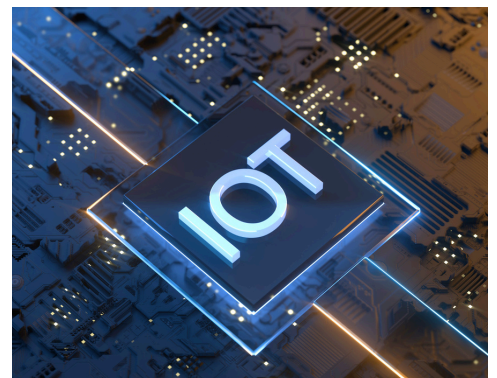
APPLICATIONS THAT SOLVE REAL PROBLEMS

DocuID™ – Secure Document Access
iVALT embeds verified identity directly into sensitive documents, ensuring that only authorized recipients can open, view, or interact with the content.
- With built-in Digital Rights Management (DRM), DocuID prevents unauthorized forwarding, downloading, printing, or even screenshots — eliminating the risk of data leakage, even if the document is shared externally.

On-Demand ID™ – Caller Identity Verification
Whether it's a phone call, text, or message, iVALT allows you to instantly verify the identity of the sender through biometric and contextual data.
- This real-time authentication solution eliminates the threat of deepfakes, impersonation, and social engineering — giving individuals and organizations peace of mind in every digital conversation.

Universal Biometric ID® – Enterprise IAM
Ditch outdated passwords and implement real-time, mobile-based identity verification for secure access to corporate systems.
- iVALT integrates seamlessly with existing IAM platforms to strengthen login security, reduce friction, and prevent unauthorized access — all without disrupting user workflows.

THE FUTURE OF IDENTITY

Our Vision
iVALT is building the next-generation trust layer for the digital age — one that redefines how we authenticate people, devices, and AI.
- **Unified Identity Across All Entities**
iVALT brings together identity verification for humans, IoT devices, and AI agents into one seamless system.
- **Scalable for Every Organization**
Whether you're a startup or an enterprise, iVALT integrates effortlessly without disrupting your current operations.
- **User-Centric Control**
Our mobile-first platform gives individuals control over their identity, moving away from centralized credential storage.
- **Built for Every Industry**
iVALT works across industries—finance, healthcare, defense, and more—offering secure, passwordless, AI-resistant authentication.

We are not just another security company. We are creating a more trusted, secure, and human-centric digital world.

By eliminating credential-based vulnerabilities, iVALT reshapes how identity is verified. Our platform future-proofs access, authentication, and interaction in an AI-driven world.
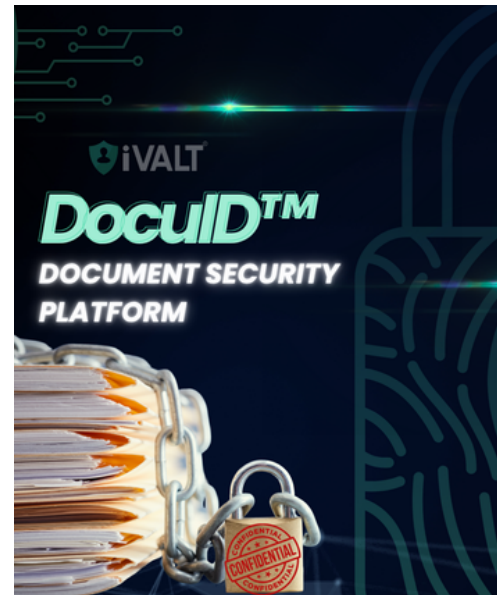
DocuID™, Document Access Reinvented:
iVALT's DocuID™ protects sensitive documents by embedding access controls into the file itself. Only verified recipients can open it—based on their mobile number, biometrics, location, and more. No forwarding, printing, or unauthorized access. It's the new standard in document-level security.

A Future-Proof Identity Platform:
As threats evolve, iVALT evolves faster. Designed to adapt to any future use case—from AI agent authentication to physical access control—our platform offers fast integration, scalable architecture, and industry-leading flexibility. With iVALT, organizations are ready for whatever comes next.

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