

Secure Digital Authentication

Veridium offers a secure digital authentication experience by helping enterprises and government organizations remove passwords and adopt no password environments. Organizations trust Veridium to eliminate the risks associated with passwords and create secure digital identities that have a variety of use cases in the private and public sectors, including allowing employees to access work applications and individuals to obtain government services while helping to reduce fraud. Veridium is deployed in highly regulated industries, including financial services, healthcare, and government services. Veridium's open multi-modal approach to biometrics enables secure and strong digital identities that can be widely used by citizens and enterprises.



Veridium Authentication Platform Integrations

VERIDIUMID: AN MFA AUTHENTICATION PLATFORM

VeridiumID provides a secure and convenient multi-factor biometric authentication platform for employees, customers, and transactions. This independent authentication layer allows enterprises the freedom to customize the user experience — choosing the best biometrics for their needs — from native (fingerprint or face) — to third-party biometrics to Veridium’s proprietary 4 Fingers TouchlessID. VeridiumID's open approach to biometrics lets organizations select the biometrics that best fit their use case and maturity level.

“Vendors with robust and flexible solutions for Windows AD integration include...Veridium.”

Gartner

Ant Allan and Tricia Phillips
Gartner Technology Insight for Biometric Authentication
2017, 2018

Universal Employee Access to On-Premise and Cloud Environments

With VeridiumID you can access a variety of corporate environments (IAM, VDI, VPN, cloud, legacy) with the same convenient user experience. VeridiumID business adaptors accelerate implementations and integrate with Microsoft Active Directory, AWS, Citrix, IAM, and SaaS systems using standard authentication protocols — LDAP, RADIUS, SAML, and OpenID Connect. VeridiumID also integrates with on-premise and cloud deployments of popular enterprise applications including Office365, Dropbox, and Salesforce.

Abstracting Authentication Security

Security controls can be managed uniformly when the authentication layer is abstracted. Even if you have a digital authentication solution, the independent authentication layer helps IT deliver consistent and secure user experiences. Veridium integrates with the leading identity and access vendors including Okta, Ping, and ForgeRock.

Benefits for Employees

- Superior user experience
- Hassle-free access from anywhere, anytime
- Increased productivity
- Single sign-on (SSO) process across multiple environments:
 - SSO for Cloud apps such as DropBox, GSuite, Office365, SalesForce
 - Legacy applications and systems
 - Citrix Workspace

Benefits for Clients

- Risk mitigation and fraud
- Frictionless user experience
- Ease of adoption
- Consumerization
- Customer enrollment
- Location and behavioral awareness/ Step up
- Human-machine / IoT authentication

Benefits for Transactions

- PSD2 and regulatory requirements
- Transaction audit and signing
- Focus on high value transactions
- Digital customer confidence

BUSINESS CASE FOR DIGITAL AUTHENTICATION

Improved cybersecurity posture

Many data breaches are the result of compromised passwords that were exposed in data breaches and sold on the Dark Web or stolen by threat actors in phishing attacks.

Increased productivity

IT and security staff spend less time handling employee password resets, freeing them to work on more important tasks.

Significant cost savings

Password resets annually cost organizations \$1.9 million while token maintenance costs tally \$205,000 annually, according to Veridium's calculations. These figures are based on an enterprise with 10,000 users and reflect the costs associated with help desk password reset requests per user, per annum and use industry standard metrics for token maintenance per user, per annum. Veridium also found that requiring employees to create longer, more complex passwords leads to more password resets, driving up operational costs associated with password management.

Improved user experience for employees and consumers

Allowing employees and consumers to use their own digital technology as an authenticator along with their biometric template creates a secure digital experience. Employees and consumers no longer have to remember passwords or create new passwords at regular intervals to comply with strict password management policies.

“Veridium provides biometric authentication of remote users in a streamlined, secure way, complementing Citrix solutions and enhancing customer mobility.”



Nabeel Youakim
VP Product & Strategic Partners
Citrix

UNLOCK THE POWER OF YOUR CITRIX VIRTUAL WINDOWS DESKTOP

Increase employee convenience, productivity, and enterprise security at a lower total cost of ownership for all your Citrix environments. VeridiumID adds strong multi-factor authentication so employees can easily and quickly authenticate into their virtual desktop and the apps they need to be productive.

VeridiumID makes it easier to migrate to or adopt Citrix Workspace with a consistent and streamlined user experience for all employees. Veridium is Citrix Ready. Veridium can help you with your Citrix journey as you adopt the latest capabilities of Citrix Cloud, Citrix Intelligent Workspace, Citrix Virtual Apps and Desktop (XenApp & XenDesktop), Citrix ADC (NetScaler), and Citrix Content Collaboration (Sharefile) as well as Citrix on Azure and AWS. Veridium can manage Citrix workloads based on an organization's needs.



VeridiumID

The only platform that can unlock a Windows virtual desktop using biometrics from a smartphone.

Use Case

A multinational Swiss Bank authenticates their employees worldwide with Veridium's biometric authentication platform. Veridium's geo-location capabilities ensure employees comply with banking regulations for sensitive data.

BIOMETRICS IN ACTION

Government agencies and financial institutions around the world require people's fingerprints for identification in order to provide financial services, government benefits, and healthcare as well as other services. Veridium is deployed globally as a secure, mobile fingerprinting solution for national identity and banking customer authentication. Veridium supports customer digital strategies designed to reach the widest digital audience leveraging consumerization to accelerate adoption.

4 Fingers TouchlessID

Veridium's 4 Fingers TouchlessID (4Fingers) is the world's first multi-finger contactless biometric authentication system that works on unmodified smartphones, capturing four fingerprints simultaneously. The app requires only a 5-megapixel camera and LED flash, so it works on almost any smartphone and under adverse environmental conditions like low light, where other methods fail. The quality of the 4 Fingers biometric capture meets the security standards for official national identities around the world. For organizations that don't want to solely rely on native biometrics, 4 Fingers TouchlessID lets them reach the greatest number of users.



1
Place your hand behind your phone



2
The rear camera will detect your fingers



3
Place them within the guide and hold your hand steady



4
All four fingerprints are captured at once

4 Fingers TouchlessID in Action

Legacy Database Matching

The images captured with 4 Fingers can also be exported for matching against legacy databases. The quality of prints captured with 4 Fingers is equivalent to prints collected from a conventional flatbed scanner. These prints can be exported in a variety of formats.

Secure and strong digital identities

Veridium helps organizations adopt secure and strong digital identities and move to no password environments. Our open multi-modal approach to biometrics lets businesses select the biometrics that best fit their needs. A flexible software approach means that Veridium works with a range of applications and addresses many target audiences, including employees, consumers, the private sector and the public sector. Integration is quick and less expensive with easily accessible apps (iPhone/Android) or our SDK can be used for custom implementations. Veridium secures identity and privacy by enabling the creation of digital identities that can be widely used by citizens and enterprises.

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