



Identity is the New Security Perimeter



IMAGEWARE®

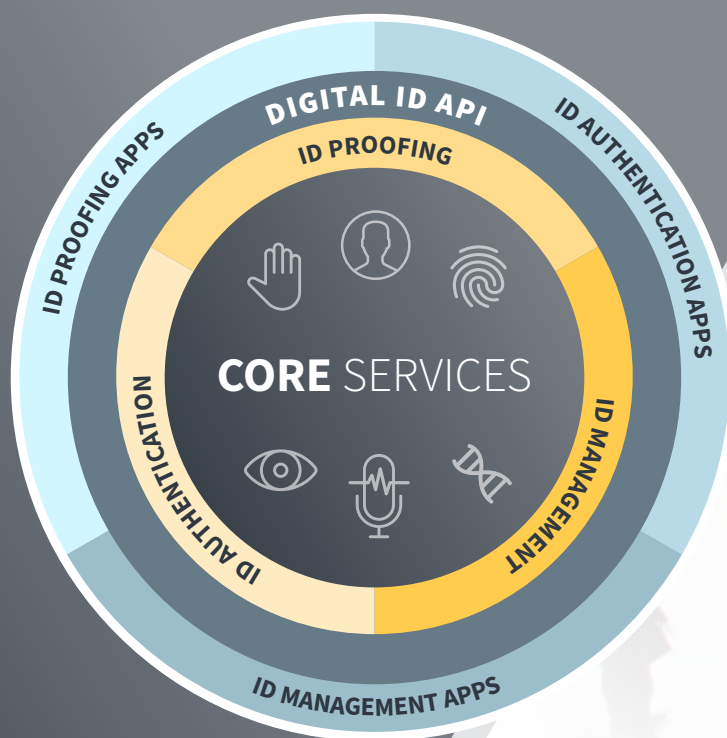
DIGITAL IDENTITY PLATFORM™

IDENTITY PROOFING, AUTHENTICATION, AND MANAGEMENT

The ImageWare Digital Identity Platform includes a robust set of turnkey applications and rich platform services supporting the full lifecycle of digital identity management. This includes identity creation, on-boarding, proofing, identity authentication, and user identification.

The Platform provides complete identity management for federated identity management ecosystem solutions with robust capabilities including reconciliation, duplicity checking, and complete off-boarding.

DIGITAL IDENTITY PLATFORM ARCHITECTURE



EMPLOYEE
CONSUMER
PATIENT
CITIZEN

ENTERPRISE
FINANCIAL
HEALTHCARE
RETAIL
MSSP
IT SERVICES
GOVERNMENT

“Our valued partnership allows our customers to use the ImageWare Digital Identity Platform to easily integrate the most secure, flexible, and scalable identity proofing and biometric authentication solution in the market.”

— Vic Herring
Vice President, Head of Global Software Center
Fujitsu Technology and Business America

DIGITAL IDENTITY PLATFORM™

The ImageWare Digital Identity Platform provides end-to-end digital identity proofing, authentication and lifecycle management solutions as a cloud SaaS and for on-premise systems. With our patented biometric capabilities, our Digital Identity Platform includes both quick-to-deploy turnkey products and APIs for creating specialized solutions.

IDENTITY PROOFING

Efficient User Onboarding
Digital Identity Assurance
Regulation Compliance
Extremely Customizable

ImageWare's GoVerifyID Identity Proofing is a highly configurable turnkey product that provides identity proofing for digital onboarding. GoVerifyID Identity Proofing can be easily configured to scan Government issued IDs, to capture and optionally store various types of live biometric data, to perform biometric comparisons, and to further validate the user identity with nearly any external data source. The end-user mobile application is also easily rebranded to meet your company requirements.

GoVerifyID Identity Proofing also includes an Identity Proofing and Management Portal that can be configured to validate the user identities automatically, manually, or using an appropriate hybrid approach. The Management Portal can also be used to review and audit identity proofing information, and for reconciliation purposes.

IDENTITY AUTHENTICATION

Strong Biometric MFA
Non-Biometric MFA
Mobile Devices & PCs
Flexible Turnkey Products

ImageWare's Identity Authentication capabilities include the broadest set of biometrics on both mobile devices and PCs, along with other multi-factor authentication methods.

Multi-factor authentication increases the layers of security thereby eliminating this single point of attack.

ImageWare's underlying biometric authentication technology is purposely designed, built and deployed to support over a dozen different biometric modalities including face, voice, palm, iris, retina, fingerprint(s), palm print, finger vein, palm vein, DNA, etc.

GoVerifyID PC based products can also use the GoVerifyID mobile app for out-of-band authentication workflows.

IDENTITY MANAGEMENT

Identity Lifecycle Management
Adaptable Validation Processes
Robust APIs for Automation
Supports Vertical Solutions

Our Digital Identity Platform includes identity management capabilities that include features for administrating the entire lifecycle process of digital identities related to user authentication, and is provided via administrator consoles, and APIs. The capabilities can be used in conjunction with our turnkey products and for developing federated identity ecosystems.

The Platform provides complete identity management for federated identity management ecosystem solutions with robust capabilities including reconciliation, duplicity checking, and complete off-boarding.

This identity management solution includes QuickApps, an application framework for quickly creating vertical industry applications that need to leverage robust identity lifecycle capabilities.

IDENTITY PROOFING BENEFITS

- Quick and easy on-boarding reduces abandonments
- Enables remote on-boarding of new customers
- Automation of user proofing reduces labor costs
- Supports Anti-Money Laundering (AML), Know Your Customer (KYC), Black List Exclusions (Lost/Stolen IDs, Suspect Persons, etc.), and other industry regulations

IDENTITY AUTHENTICATION BENEFITS

- Increases user identity assurance
- Helps prevent data breaches
- Reduces identity theft and fraud
- Improves the user experience

IDENTITY MANAGEMENT BENEFITS

- Reduced administration costs
- IT efficiencies from automated workflows
- Streamlined processes lead to accelerated revenues
- Robust validation mitigates fraudulent activities

The ImageWare Digital Identity Platform includes certified integration with leading access management products including Microsoft Active Directory, Linux Pluggable Authentication Module (PAM), and leading Enterprise Identity Access Management and Single Sign-On products from CA, ForgeRock, HPE, IBM, SAP, and others.



IMAGEWARE'S REVOLUTIONARY MULTI-PATENTED TECHNOLOGY

An early pioneer in the biometric space, ImageWare was one of the first to install facial recognition in US Law Enforcement in Los Angeles in the late 1990s. Today, ImageWare now holds 22 patents worldwide, with 25 pending, around biometric technology backed by a dedicated US Research and Development facility.

ANONYMOUS BIOMETRIC SECURITY

Only biometrics identify the true identity of a person, and only centralized biometrics can be fully proofed against government and industry sources and adequately audited. With its portfolio of patents for anonymous storage, transmission, and matching of biometrics, only ImageWare can provide the ultimate level of authentication assurance and security.

AGNOSTIC/FUTURE-PROOF

ImageWare provides turnkey solutions leveraging the best biometric technology in the industry and can quickly embed newer and better biometric algorithms using its patented plug-in architecture. As the biometric industry is evolving very rapidly, this ensures you can use innovative technology and avoid lock-in to specific algorithms.

HIGH SCALE, HIGH PERFORMANCE

ImageWare's technology has proven high-performance deployments for government agencies with over 100M identities under management using a patented purpose-built architecture, rather than middle-ware like other vendors.

IWS BIOMETRIC ENGINE®

A key underlying component of the Platform is our patented, purpose-built highly-scalable, real-time, anonymous biometric storage and matching system. The **IWS Biometric Engine** can support hundreds of millions of digital identities using multiple biometrics from nearly any biometric vendor. Our turnkey solutions provide the most appropriate biometric algorithms to best satisfy specific use cases, and is flexible to plug-in algorithms as they become available in the marketplace, or as desired for your business needs.

DIGITAL IDENTITY PLATFORM PRODUCT PORTFOLIO

IMAGEWARE DIGITAL IDENTITY PLATFORM *End-to-End Lifecycle Solutions*

IDENTITY PROOFING *Digital Onboarding*

GoVerifyID
Identity Proofing

Identity Proofing
Framework

IDENTITY AUTHENTICATION

Biometric and Non-Biometric Multi-Factor Authentication

GoVerifyID
Enterprise Suite

GoVerifyID
SDK/APIs

IDENTITY MANAGEMENT

Lifecycle Management

QuickApps/CloudID
(Law Enforcement, Driver License, Airports, Badging)

Identity Ecosystem
Framework

DIGITAL ID PLATFORM SECURITY ECOSYSTEMS

MICROSOFT SYSTEMS

Windows 7, 8.1, and 10
Windows Server 2008, 2012, and 2016
Active Directory, Active Directory Federated Services
Windows Biometric Framework, Windows Credential Provider, GINA

APPLE & LINUX SYSTEMS

macOS, Ubuntu, CentOS, Red Hat®, Amazon Linux

ENTERPRISE SYSTEMS

CA Single Sign-On, ForgeRock® Identity Platform™, HPE Aruba ClearPass, IBM Security Access Manager (ISAM), SAP Single Sign-On, and more.

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ABOUT IMAGEWARE

ImageWare Systems, Inc. provides end-to-end digital identity proofing, authentication and management solutions as a cloud SaaS and on premises. The company's Digital Identity Platform provides customers and partners with access to its patented technology for ultra-scalable and anonymous biometrics using nearly any vendors' biometrics. IWS solves the problem that is responsible for over 80% of corporate data breaches by replacing or strengthening passwords with your choice of biometrics and other multi-factor authentication methods providing the highest level of user assurance, security and user convenience. ImageWare Systems, Inc. is headquartered in San Diego California, with offices in Oregon, Canada, Mexico, and Japan. ImageWare and GoVerifyID are registered trademarks of ImageWare Systems, Inc. Other trademarks are owned by their respective vendors. Learn more at iwsinc.com.

