

HID® ArcID™ ID Proofing Server

The ArcID ID Proofing Server is part of HID's modular facial recognition system that enables business rule-driven biometric identity vetting.

The HID ArcID ID Proofing Server enables the addition of Electronic Know Your Customer (eKYC) workflows, business rules and identity document verification capabilities to the facial recognition enrollment process for true identity confirmation. The server authenticates the identity document and validates that the person registering into the system matches the person on the government-issued ID, ensuring a complete and accurate means of identity proofing for compliance with eKYC legislation.

Designed with speed, accuracy and security in mind, the ArcID ID Proofing Server is scalable and interfaces with the HID ArcID Biometric Server to provide the ability to:

- Invoke automated eKYC business rule logic for user enrollment or registration into your system
- Integrate seamlessly for mobile applications with the HID Face Software Development Kit (SDK)
- Perform biometric matching of the face being enrolled against a government-issued photo ID with confidence score
- Deliver document authentication and data extraction from government-issued ID via OCR
- Offer deduplication during enrollment
- Provide on-premise or cloud deployment capabilities

The HID ArcID ID Proofing Server is easily configured to meet performance, scalability and high-availability thresholds. To ease integration, the server uses a RESTful API interface making it possible to support both traditional and mobile applications as well as web-based user experiences. The ID Proofing Server supports many data encryption protocols, ensuring data security.

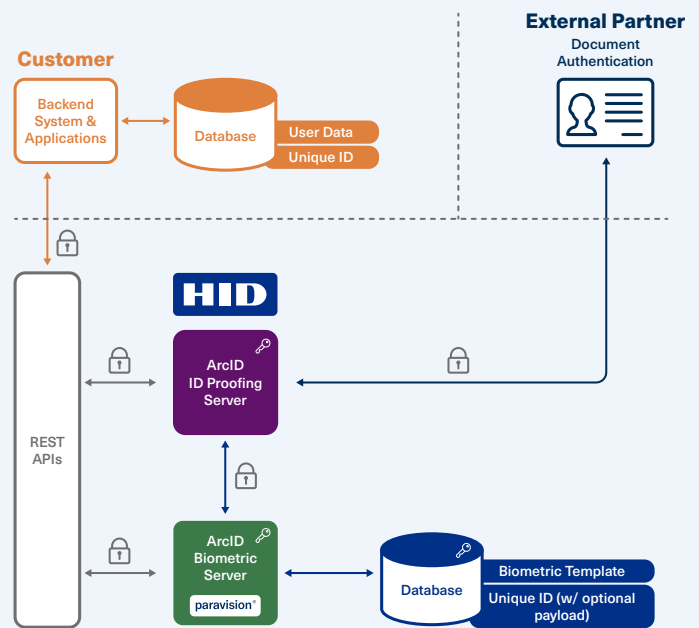


KEY FEATURES:

- Invokes eKYC workflows & data-driven business rules
- Supports mobile application development (iOS & Android)
- Supports web-based application development
- Supports desktop application development
- Integrates with HID ArcID Biometric Server for seamless enrollment
- Delivers document authentication & data extraction (OCR & photo)
- Deploys on-premise or in the cloud

DESIGNED TO FIT YOUR SOLUTION

The HID ArcID ID Proofing Server is designed for easy deployment as a server-ready Kubernetes Docker container with all components available off-the-shelf. The ArcID ID Proofing Server is lightweight and works alongside your existing systems and databases, providing a seamless interface with the ArcID Biometric Server to automate enrollment/registration and eKYC logic and applications. This unique design eliminates the need to combine data from your existing systems and employs a simple reference between a user's and your existing system.



END-TO-END DATA SECURITY AND PRIVACY

Security plays an important role in ensuring biometric databases are not compromised. The HID ArcID ID Proofing Server supports encrypted databases as well as encrypted communication across every endpoint to prevent man-in-the-middle attacks.

Privacy issues can be dealt with easily as biometric records (and other personally identifiable information) are isolated from your main databases and can easily be managed independently, giving you complete control over the implementation of privacy policies in your organization and as required by law.

HID's ArcID ID Proofing Server also supports development, testing, production, disaster recovery and high availability configurations to meet your needs.

The HID ArcID ID Proofing Server is designed using the Secure Software Development Lifecycle (SSDL) methodology to ensure it can be securely integrated into your infrastructure. The SSDL process also gives developers insight into potential security gaps and threats before they occur. In addition, our facial recognition technology is developed using Privacy by Design with ethical data collection for AI algorithm training to reduce bias and increase inclusivity.

HID PROFESSIONAL SERVICES

HID Biometric Professional Services offerings can be adopted to meet your specific needs, ranging from strategic consulting and solution design, to implementation, customized training and ongoing maintenance and support. We can provide the technical expertise and skilled resources to help you scope and plan your biometric project from start to finish.

Product Name	HID ArcID Proofing Server
API	RESTful API support for mobile app, desktop or browser-based applications
Security and Encryption	Required Transport Layer Security: • TLS 1.2+ • Optional connection to ArcID Device Manager for Maintenance and Certificate Authority (CA) support Data Encryption Security Layer: • AES 128/192/256 • TDES 64/128/192 • RSA 1024/2048/4096 • PKCS v1.5, v2.1 compatible with digital signature • SHA-1/256/384/512 • HMAC (variable key size) Other options may be available – contact your sales representative
Disaster Recovery	Disaster recovery and high availability options available
Operating Environment	Kubernetes Docker container for on-premise or cloud (AWS, Azure) deployments
Operating System Support	Linux® Ubuntu 18.04
Database	PostgreSQL® 12: support for export and import of biometric records and image gallery (optional) used for local enrollment, matching and maintenance; supporting up to 150 million+ users
Licensing	Perpetual or subscription available
Support and Maintenance	Available
Disaster Recover and High Availability	Available

Data subject to change without notice.



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