

HID® U.ARE.U™ Face Server

Secure, scalable face biometrics — ready to integrate

HID U.ARE.U Face Server is a containerized facial biometric services software that enables integrators to quickly add secure, high-performance face recognition to their applications.

Designed for enterprise environments, U.ARE.U Face Server deploys on premises or in the cloud, integrates with existing identity systems and trusted endpoints such as the HID U.ARE.U Face Module, and scales to millions of enrollments using ethically developed, high accuracy facial recognition technology.

BUILT FOR FAST, DEVELOPER-FRIENDLY INTEGRATION

U.ARE.U Face Server is designed to accelerate development by providing ready-to-deploy facial biometric services through REST APIs. Integrators can quickly add face enrollment, image quality assessment, template extraction, gallery management, and secure matching—including 1:1 verification and 1:N identification—into mobile, desktop, and browser-based applications.

Docker-based containers simplify deployment and operations, while the system works alongside existing databases and business applications without requiring re-architecture. Seamless interoperability with trusted secure endpoints, such as the U.ARE.U Face Module, enables consistent biometric workflows from edge to server.

SECURE, ENTERPRISE- READY ARCHITECTURE

Security is foundational to U.ARE.U Face Server. The software protects biometric data in transit using industry standard TLS 1.3 and is developed using Secure Software Development Lifecycle (SSDL) practices to help identify and mitigate potential risks throughout design and deployment.

U.ARE.U Face Server is configurable for high availability and resiliency architectures across cloud or on-premise environments. Quality and matching thresholds can be tuned to align with organizational risk profiles, and the software is architected to integrate securely with existing identity management systems and enterprise applications.

HIGH PERFORMANCE, ETHICAL AND INTEROPERABLE FACE RECOGNITION

U.ARE.U Face Server delivers high-accuracy face matching powered by a high-performing facial recognition algorithm trained on large, ethically sourced datasets. This approach supports fairness and inclusivity.

Optional liveness detection (Presentation Attack Detection) adds protection against spoofing attempts. A shared template format enables smooth interoperability between edge devices—such as the U.ARE.U Face Module—and the server, ensuring consistent matching behavior and efficient data flow across the biometric system.



FUNCTIONALITY:

- Secure, API driven facial biometric services software integrates quickly
- Facial enrollment management: image quality assessment, user record creation, update and deletion
- High performance facial matching with configurable thresholds
- Facial verification (1:1) and identification (1:N) use cases
- Gallery and search tag management to organize users and optimize identification performance
- Template and gallery synchronization between U.ARE.U Face Server and the U.ARE.U Face Module
- Edge to server interoperability with trusted endpoints using a shared template format
- Containerized deployment using Docker, configurable for on-premises or cloud, highly scalable
- Secure communication using TLS 1.3 and API-key-based authentication
- Presentation Attack Detection (optional) to flag spoofing attempts

HID U.ARE.U Face Server

Product Name	HID U.ARE.U. Face Server
API	RESTful API support for mobile, desktop or browser-based applications
Quality & Matching Score	Thresholds are configurable for both quality and matching
Security and Encryption	Required Transport Security Layer: TLS 1.3
Database	Supports up to 100M+ users
Synchronization	Database synchronization between HID U.ARE.U Face Server and edge devices, such as the HID U.ARE.U Face Module, via the HID U.ARE.U Face SDK
Operating Environment	Single-host - Supported Linux distribution for on-premise or cloud (AWS, Azure) deployments - Docker version 20.10 or later - Docker-compose version >=1.25, <2.0 Multi-host - Kubernetes cluster of preferred distribution (Multi-host example provided for easy configuration) - Helm - Selected required packages for deployment scripts
CPU	Minimum requirements: 4-core Intel® Xeon® Platinum 8275CL CPU @ 3.00GHz or Amazon Linux 2 AMI (x86_64- base, kernel 5.10)
RAM	16GB minimum, 32GB or more recommended
Disk Space	250GB minimum
Licensing	Perpetual or subscription licensing available
Support and Maintenance	Available

Data subject to change without notice



hidglobal.com

North America: +1 512 776 9000 | Toll Free: 1 800 237 7769
Europe, Middle East, Africa: +353 (91) 414060
Asia Pacific: +852 3160 9800 | Latin America: +52 55 9171 1108
For more global phone numbers [click here](#)

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2026-05-05-bio-u.are.u-face-server-ds-en PLT-06124
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