

Azure Cloud-Hosted Platform Integra-ID Multi-modal Biometric Identification System®

At a Glance

- Built on Microsoft® Azure® Government
- Seamless interoperability
- Reduced total cost of ownership

World-Leading Biometrics Technologies

NEC's patented biometrics technologies have been widely recognized for their excellence and have received top-ranking positions in prominent third-party evaluations and tests. NEC's continued leadership in developing innovative and accurate algorithms has repeatedly positioned us at the forefront of fingerprint and face matching technology. NEC's latest accomplishment, the superior performance of its iris recognition algorithm, further demonstrates our commitment to biometric technologies.

System Accuracy

Among key advantages of our Integra ID solution is its unparalleled accuracy. Since the introduction of open benchmarking by the NIST IITL Fingerprint Image Group, NEC has been a tier one, industry-leading performer. Our high rankings in these and similar tests demonstrate NEC's ongoing commitment to core research in all forensic fields.

NEC achieves its superior accuracy by employing biometric algorithms for different use cases. For example, latent print matching uses a different (and dedicated) algorithm from the tenprint processing algorithm. Furthermore, NEC's solution fuses multiple feature encodings and matching algorithms. Each tenprint (and palmprint) record is encoded and stored with multiple feature templates, and multiple search algorithms are used to match each latent against those records. The result is that even the poorest quality crime scene latent prints, searched in a lights-out manner (no examiner intervention), will consistently return the correct subject as the number one hit respondent.

Integra-ID Technology Advantages

- A fully integrated, single biometric solution for centralized transaction control, storage, management, and auditing of all fingerprints, palmprints, and latents.
- Provide identification beyond fingerprints to include optional modalities, such as face and iris recognition.
- Component-based architecture supporting future system growth for additional modalities (face, iris, etc.), transaction volumes, or database.
- Standards-based interoperability with existing and future interfaces. A cloud-hosted platform that simplifies deployment, improves security, and provides system resiliency.
- Best-in-class client applications designed for ease of use and operator efficiency, including HTML5-compliant web applications for broad user access functions.
- NEC is the only vendor today offering seamless software and algorithm updates through EverBlu, eliminating the need for forklift upgrades.

NEC's EverBlu Algorithm

Integra-ID clients get access to NEC's EverBlu Algorithm, our future-forward lifetime algorithm update program. This program enables continuous, automated biometric template conversion, allowing customers to quickly benefit from any new algorithmic advancements without embarking upon a lengthy and expensive data conversion project. After enabling a new algorithm, customers can optionally benefit from reprocessing all cold cases through the system.

Reduced Total Cost of Ownership

Delivering Integra-ID as a service provides a stable, resilient, and cost-effective solution for government agency identification bureaus.

- Web application delivery model eases installation and updates
- CJIS (Criminal Justice Information Services) Security Policy compliance in partnership with Microsoft Azure Government
- Advanced business continuity and disaster recovery capabilities

Complete Customer Care and Security

NEC's U.S.-based Biometrics Operations Support Solution and multiple customer service centers provide comprehensive 24/7 multitier customer support for problem tracking and resolution, as well as advanced remote diagnostics. Highly experienced engineers and developers provide technical support and troubleshooting services to ensure that our customers get the information and help they need without delay. All NEC biometric products including Integra-ID IBW are developed and protected by Security by Design Principles to ensure Integrity, Confidentiality and Availability.

To learn more about our Integra-ID, visit <https://www.necam.com/stateandlocal/>.

For representative commercials models, [visit the price list](#).

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