



Identity.io reinforces its leadership in US biometrics with NIST validation and a groundbreaking interoperability

The US-based biometric technology company has been validated by the National Institute of Standards and Technology (NIST) in its latest Proprietary Fingerprint Template (PFTIII) evaluation, positioning the company as one of the top Biometric American vendors.

While this evaluation is focused on the scanner touch-to-touch performance of the evaluated companies, Identity.io's matcher is able to recognize and therefore work seamlessly with fingerprints obtained through touchless technology, which maximizes the interoperability of its solutions.

The recognition marks a significant milestone as this hybrid strength is critical as governments and corporations increasingly demand biometric systems that can bridge legacy infrastructure and emerging mobile environments.

Identity.io, leading US-based company in touchless biometric identification and digital credential management solutions with a strong track record of government deployments, has received validation from the National Institute of Standards and Technology (NIST), a U.S. Department of Commerce agency that promotes innovation through the development of scientific standards and measurements, in its latest Proprietary Fingerprint Template (PFTIII) evaluation.

This test, in effect in the industry since October 2019, is a fingerprint technology evaluation exploring the performance and accuracy of proprietary fingerprint templates as used in one-to-one matching and Identity.io's first submission places the company at the top with other US vendors.

While PFT III is designed to evaluate fingerprint matching engines using legacy scanner-based images (touch), Identity.io's proprietary technology has been developed to operate across both, touch and touchless domains. This dual capability—rare in the market—reflects a deep understanding of how biometric infrastructure must evolve to support secure digital identity in both online and offline environments.

The inclusion of Identity.io in this evaluation confirms the strategic expansion of the company's end-to-end capabilities, which is already leading the segment of touchless fingerprint capture using the user's cell phone, to now obtain recognition from one of the world's most rigorous benchmark programs thanks to its high-performance fingerprint matcher.

Unlike other fingerprint capture solutions available in the market, Identity.io obtains and processes all the biometric information on the user's cell phone, using only the device's camera and its flash, which increases the security of the entire process avoiding possible data leakage or losses, and maximizing the applicability for public and private administrations or entities that implement it, since it is not necessary to make new investments in third-party infrastructures or cloud management.



According to Jesús Aragón, CEO of Identity.io, “The PFTIII test evaluates only touch-to-touch performance, but our matcher understands both worlds. We’ve trained it on both types of data—touch and touchless—and in our internal evaluations, we’ve seen significantly better interoperability results than any other vendor.” This hybrid strength is critical as governments and corporations increasingly demand biometric systems that can bridge legacy infrastructure and emerging mobile environments.

With this recognition, Identity.io now offers a complete biometric solution, combining secure mobile capture with robust, NIST-evaluated fingerprint matching. The matcher performs in both 1:1 and 1:N configurations and its mobile derivative is fully deployable on mobile devices, enabling digital ID applications in offline, on-device, or field-based settings. “We’ve taken the big machines everyone tests with and made them mobile,” said Aragón. “Our matcher works not just in the lab—it works in the real world, on real devices, where it’s needed most.”

Coupled with Identity.io leadership shown in the contactless finger capture initiative also run by NIST, the inclusion of Identity.io in the PFTIII matching tests marks the beginning of a roadmap that has only just begun. With quarterly updates planned and further submissions on the way, Identity.io is committed to raising the bar in biometric performance and touch-touchless fingerprints interoperability. “We’re not just entering this space,” Aragón added. “We’re helping shape it. Interoperability isn’t a buzzword for us—it’s a reality we’ve engineered into our stack from day one. And that’s something no other vendor is delivering at this level.”

About Identity.io

Headquartered in the US with offices in Brazil, Mexico, Spain and India, Identity.io is the global reference in digital identity verification using touchless mobile biometrics. At Identity.io we believe in multi-factor authentication, while advocating the need to replace traditional methods of identity verification using passwords, tokens or OTPs (One Time Passwords), which do not guarantee the user’s identity.

At Identity.io we work with institutions to secure identity in their business processes by using touchless biometrics from users' mobile devices. Our liveness authentication protection makes biometrics secure and deployable on a large scale. For more information, visit <https://identity.io>