

Press Release

JENETRIC awarded for autonomous nail-to-nail fingerprint capture

The Intelligence Advanced Research Projects Activity (IARPA) announced today that JENETRIC has been awarded within the Nail-to-Nail fingerprint challenge for its approach to capture rolled fingerprints without any operator assistance.

Jena, Germany, Malvern, PA USA, March 22nd 2018.

While flat fingers can be captured comparably easily without the need for an operator, rolled fingerprints require a trained law enforcement expert in order to achieve a consistent fingerprint image quality. Therefore, the goal of the IARPA was to improve the capture process for rolled fingerprints by eliminating the assistance from an officer.

In the N2N-fingerprint challenge 8 finalists from academia and industry tested their fingerprint devices and approaches for the ability to capture rolled fingerprints without operator assistance. All ten rolled fingers from more than 300 candidates were captured and then analyzed and compared by experts from the FBI and latent examiners.

JENETRIC successfully demonstrated how their LIVETOUCH QUATTRO, specifically designed for simplifying the capture process with an integrated user guidance, can automate and improve the rolled capture process. As a result, the company has been awarded for its capability not only to capture autonomously more than 90% of all fingerprints but particularly for the high matching performance of these fingerprint images compared with the same fingerprints taken from forensic experts and latent fingerprints. Amongst all demonstrated fingerprint technologies, JENETRIC was awarded for scoring high in the matching performance with their FAP 60 scanning technology.

“We are extremely proud of the results as they confirm the advantages of a user centric design that allows non-trained users to capture forensic-quality rolled fingerprint images” explains Roberto Wolfer. “Our user guidance simulates the ink-and-paper process and provides easy to understand instructions on the device where, when and how to roll a finger. Therefore, LIVETOUCH QUATTRO is most suitable for self-service applications in public applications as well as in law enforcement.

LIVETOUCH QUATTRO was introduced in 2015 is FBI certified and is already used in numerous civil applications internationally.

JENETRIC with offices in Germany and the USA was founded in Jena, Germany, a location famous for cutting edge optical technology, by engineers with long-time experience in fingerprint technology while JENETRIC specializes in the development of biometric systems. The multidisciplinary team includes hardware and software specialists as well as production and sales professionals. JENETRIC is pursuing a holistic approach to its product development which is clearly geared towards customer requirements, with the ambitious goal of improving living and working conditions through the use of biometric systems.