

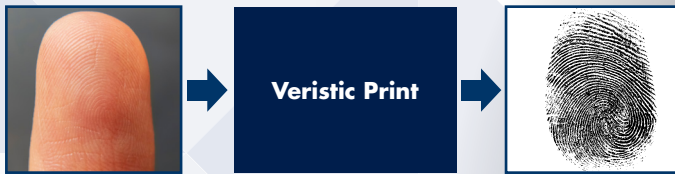
# Contactless Fingerprint Recognition Device

The contactless fingerprint recognition device verifies the identity of an individual by comparing a captured fingerprint to one that is on paper or stored in memory.

It is custom-developed and has the following key features:

- Uses a digital camera to capture fingerprints directly from a finger or paper;
- Verifies and identifies quickly and accurately;
- Counts the number of people who have been identified; and
- Determines and records the locations at which it was used.

The contactless fingerprint recognition device is powered by VeristicPrint – a CSIR software development kit that converts images into fingerprints.



VeristicPrint Biometric Solution is a technology that uniquely identifies or verifies a person by comparing fingerprints that are captured with a digital camera. It enables digital imaging devices, such as smartphones, webcams and digital cameras, to be used as fingerprint scanners.



**Contact:** Sthembile Ntshangase | **E:** [SMlambo@csir.co.za](mailto:SMlambo@csir.co.za) | [www.csir.co.za](http://www.csir.co.za)



science & innovation

Department:  
Science and Innovation  
REPUBLIC OF SOUTH AFRICA



**CSIR**  
Touching lives through innovation