Morpho *Wave*™ Desktop

Take a step beyond touch

Citizen Identity

Public Security

Morpho*Wave*™ Desktop is a contactless fingerprint acquisition solution. This innovative device captures four finger images with a single movement in less than a second. Its dynamic acquisition capability allows subjects to be 'on the move' during fingerprint capture. Morpho*Wave*™ Desktop is well suited for high traffic environments.

_Fingerprints Acquired
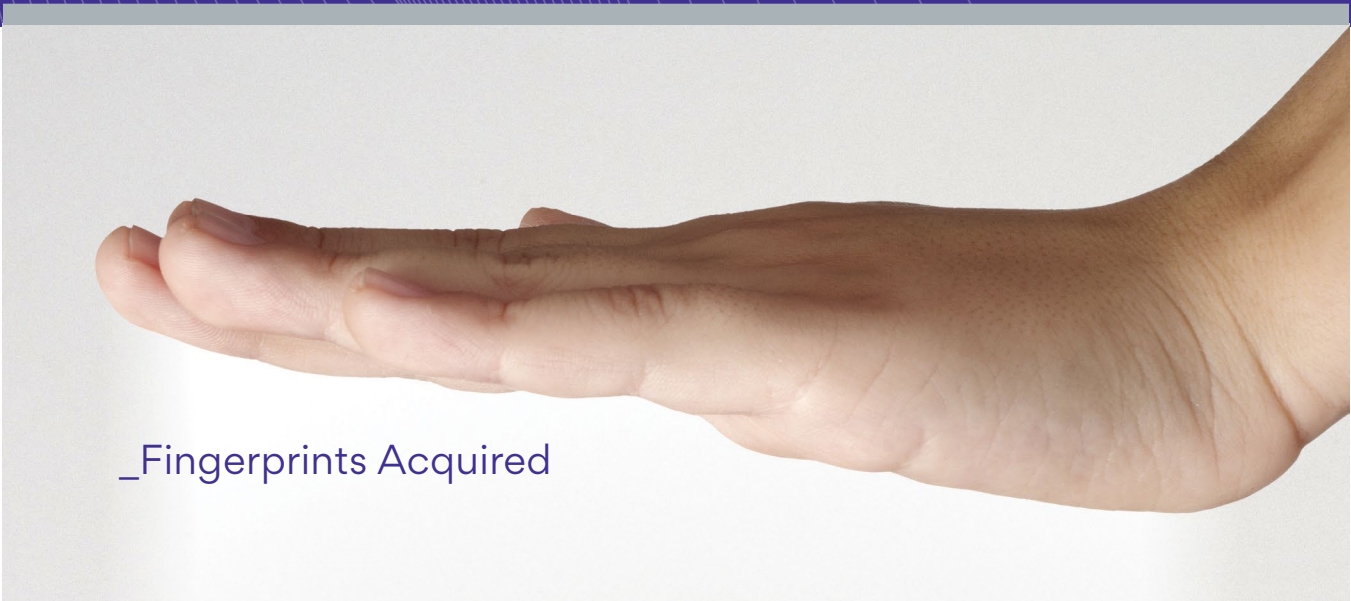
Advanced
touchless
technology

Very high
throughput
and
performance

Compatible
with current
contact
databases

Meets
the challenge
of dry and wet
fingers

FBI PIV
IQS certified

⟨⟨|⟩⟩ IDEMIA

MorphoWave™ Desktop provides a comprehensive solution for the challenges faced by traditional finger scanning systems. A major breakthrough for fingerprint acquisition, the device vastly reduces capture time - under 1 second - resulting in greater efficiency and a better end user experience. It also provides fingerprint images compatible with current contact fingerprint databases.

Applications:

Border control

Flow management
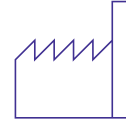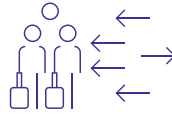
Sensitive sites

Biometric document issuance

MorphoWave™ Desktop integrated into IDEMIA's Access Control solution (MorphoWave™ Tower)

Technical information

- › Dimensions (WxHxD): 133 x 350 x 341 mm (5.23' x 13.78' x 13.42')
- › Weight: 3,5 kg (7.7 lb)
- › Power: 100 – 240V (50 – 60Hz)
- › Interface: PC/laptop through USB 3.0
- › Intended for indoor use
- › Standards: IEC60950-1, EN60950-1, UL60950-1

Compliant with:

PIV IQS   RoHS COMPLIANT   CE   FC

Morpho*Wave*™ Key features

Ease of use

- › Simultaneous acquisition of 4 fingerprints
- › 'On the move' contactless capture in less than 1 second
- › One sensing area for either hand

Acquisition quality

- › Meets the challenge of dry and wet fingers
- › Touchless capture: no ghost images left on the scanner
- › FBI PIV IQS certified

Benefits

- › Mitigates hygiene and cultural concerns
- › Reduces bottlenecks in high traffic areas
- › Compatible with standard flat & rolled fingerprint databases for both verification & identification

Security

- › High accuracy
- › Robust against external light and dust

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