IDENTITY & SECURITY

MORPHO TABLET™ 2
Taking mobile secure identification to the next level

SAFRAN

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Building upon the successes of its MorphoTablet™ throughout the World, including civil registration and elections in Africa, time & attendance and border control in Europe and e-KYC in Asia, Safran Identity & Security introduces its second generation secure biometric tablet: MorphoTablet™ 2.

The 8” touchscreen Android device now offers 4G high speed data transfer, complete credential acquisition/reading capabilities, plus enhanced usability and robustness to ensure seamless enrollment, ID verification and identification on the spot.

Whatever the context, place and time, MorphoTablet™ 2 takes mobile secure identification to the next level.

TYPICAL USE CASES

REGISTRATION
On site capture of citizens’ data to build civil registry, electoral database, etc.

ELECTIONS
Voter’s authentication to check his/her presence in the list of electors and ensure one single vote per person

ID DOCUMENT ISSUANCE
Citizen’s authentication to issue or renew his/her e-documents

e-KYC
Customer identity verification for digital on-boarding (mobile phone subscription, bank account opening, etc.)

CRIMINAL IDENTIFICATION
Remote 1:N search via an AFIS/ABIS
On-device 1:N search against a local watch list

‘JOHN DOE’ IDENTIFICATION
Identification of an unknown subject on a crime scene, in a morgue, etc.

TIME & ATTENDANCE
Paperless clock in/out in temporary/moving environments (construction site, company shuttle bus, etc.)

ACCESS CONTROL
Employees’ ID checks by mobile security staff (e.g., within the secure areas of an airport)

BORDER CONTROL
ID document check (ID card, visa, e-passport) by comparison of data in document with the holder’s live capture
FEATURES AT A GLANCE

Fingerprint sensor
Optical, 500 dpi
FBI PIV IQS & STQC certified

Security features
Hardware secure boot
Tamper protection
Hardened Operating System

Processor
Qualcomm Snapdragon 410
Quad Core, 1.2 Ghz

Stereo headset jack
Micro USB
2.0 OTG

MicroSD reader
up to 64 GB

Internal memory
2GB RAM, 16GB Flash

Dual SIM card reader
4G/3G - Voice & Data

Microphone
Docking station interface
6 pin connector

Hand strap/Cable lock
Battery
Li-Polymer, 5100 mAh

Hardened structure
Withstands multiple drops off a height of 0.65 m/2.13 ft.

USB Host
Type A

Contact smartcard reader
ISO 7816 A/B/C

Contactless smartcard reader
ISO/IEC 14443 A/B
e-Passport
MIFAREClassic, Plus, UltraLight(C), DESFire
HID iClass Seos(with optional SAM module)

LED indicator
Front camera
2MP

Color touchscreen
8" WXGA (1280 x 800)
Ambient light sensor
Toughened glass
Signature capture
With hard pointed stylus

Flash LED
Dual system
Avoids specular reflection
Improves document & portrait capture

Rear camera
13MP autofocus

Speaker
SAM slot

Vibration device
Accelerometer
Gyroscope

Software options
Morpho Tablet™ 2 runs Android 5.0 Lollipop OS and offers 2 software options:

1. Morpho iMobile suite (MiMs), a set of applications designed for:
   - Enrollment
   - Biometric on-device or remote identification (fingerprint and face)
   - e-Document verification

2. Android SDK with dedicated APIs for fingerprint sensor, contact/contactless readers, etc. is available for integrators to build custom applications

TECHNICAL INFORMATION

- Dimensions (WxLxH): 199*164*17.5 mm
  (7.83*6.46*0.69 inches)
- Weight: 545 g (1.2 lbs.)
- Cellular communication: 4G/LTE (operator/country dependent), 3G
- Wi-Fi: 802.11 b/g/n
- Bluetooth: 4.1 (Low Energy)
- GPS and A-GPS
- Temperature range:
  - Operating: 0° to 50°C (32° to 122°F)
  - Storage: -10° to 70°C (14° to 158°F)
- Humidity range:
  - Operating: 10% < RH < 90%
  - Storage: 5% < RH < 90%
- EMC/Safety standards: CE, FCC
- RoHS, REACH and WEEE compliant
- Accessories:
  - In box: battery charger with 3 plugs (EU, UK, US), USB data/charge cable
  - Optional: docking station, protective sleeve

(*) Feature not available at launch