AN AWARD–WINNING INNOVATION

SESAMES AWARDS WINNER

ID AWARD 2014

THE MOBITS FINALIST

SOFTWARE OPTIONS

MorphoTablet™ runs **Android Jelly Bean** OS and offers 3 software options:

1. Morpho iMobile suite (MiMs), a set of applications designed for:
- Enrollment
- Biometric (fingerprint and face) identification
- e-Document verification
- Crime scene investigation

2. Customer specific applications developed on demand

3. Customer Support Package (Android SDK with dedicated APIs for fingerprint sensor, contact/contactless readers, etc.) is available for integrators to build custom applications

ABOVE ALL, SECURITY... AND CONFIDENCE

■ **Strong authentication capabilities**

Using Morpho's World leading fingerprint and face biometric technologies, smartcards and passwords

■ **Secure element and encryption functions**

The embedded secure element and crypto-processor protect sensitive data, file system, algorithms and communication channels (2048 bit PKI, 256 bit AES, Base64, SHA 256, 3DES, True Random Number Generator)

■ **SAM (Secure Access Module) card reader**

Secondary secure element, acting as an "integrated safe" for digital certificates and cryptographic keys

■ **Secure device management**

MorphoTablet™ is fully compatible with Android antivirus and Fleet Management solutions (Symantec™, McAfee®, AirWatch™ etc.)

ADDITIONAL INFORMATION

WxLxH = 190 x 170 x 15 mm (H = 20 mm at the top)

Weight: 600 g

Scratch resistant glass

Operating conditions:
- Temperature: 0°C to 50°C (32°F to 122°F)
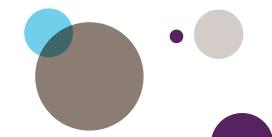- Humidity: 10 % < RH < 90 % (non condensing)

Storage conditions:
- Temperature: -10°C to 65°C (14°F to 149°F)
- Humidity: 5 % < RH < 95 % (non condensing)

CE, CB and FCC certifications

Environment standards: RoHS, WEEE

Accessories:
- In box: data/charge cable, battery charger
- Optional: protective sleeve

MORPHOTABLET™
SECURE BIOMETRIC TABLET FOR TRUSTED SERVICES

YourBank

KEY MISSIONS, KEY TECHNOLOGIES, KEY TALENTS

Mobile business and services are revolutionizing our day-to-day life, bringing convenience and time savings to a life on-the-move. With mobile applications involving increasingly sensitive data, it is absolutely imperative that every transaction and all data remain secure: mobility must not threaten security.

Morpho - the worldwide leader in biometrics - presents MorphoTablet™, an enterprise class touch-sensitive device which adds the security of biometrics (fingerprint + face) and cryptographic functions to mobile operations.

MorphoTablet™ offers the perfect platform for mobility, versatility and data security, enabling you to deliver trusted services in any sector, anytime, anywhere.
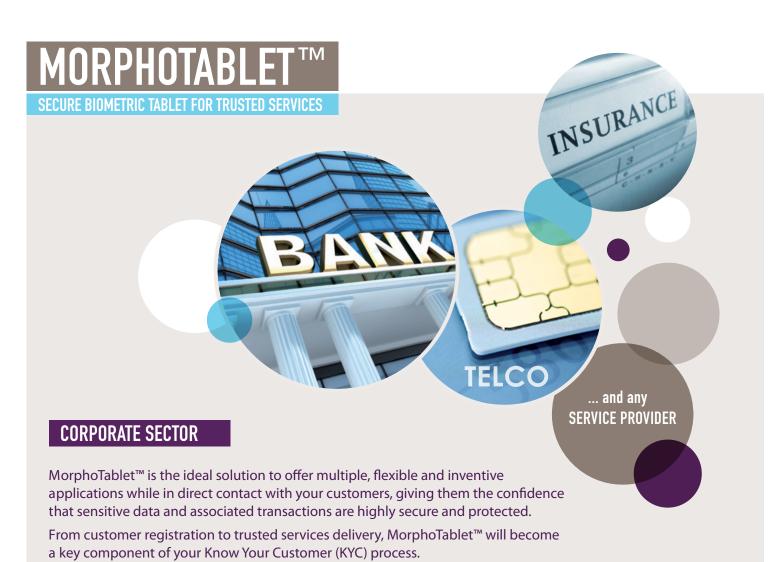
- Android-based tablet with incorporated FBI PIV IQS and STQC certified optical fingerprint sensor
- Embedded secure element, cryptographic functions and secure device management
- Integrated NFC and contact/contactless smartcard readers
- Cellular (Voice & Data), Wi-Fi and Bluetooth communication
- Ready to host customer specific developments or Morpho proprietary applications

SAFRAN
Morpho

SAFRAN
Morpho

MORPHOTABLET™
SECURE BIOMETRIC TABLET FOR TRUSTED SERVICES

INSURANCE

BANK

TELCO

... and any
SERVICE PROVIDER

CORPORATE SECTOR

MorphoTablet™ is the ideal solution to offer multiple, flexible and inventive applications while in direct contact with your customers, giving them the confidence that sensitive data and associated transactions are highly secure and protected.

From customer registration to trusted services delivery, MorphoTablet™ will become a key component of your Know Your Customer (KYC) process.

FOR
END-TO-END
CUSTOMER
MANAGEMENT

Customer registration
- Creation of customer's account in branches or directly on customer's premises (home or office)
- Acquisition of demographics, fingerprints, portrait and signature
- Capture of administrative documents

Service subscription / delivery
- Contract signature
- Instant issuance of mobile connection (SIM card activation)

with biometric (fingerprints, portrait) identification or authentication using smartcards (contact, contactless, NFC)

Post-issuance
- Customer data update
- e-Document post-issuance (smartcards)

FEATURES AT A GLANCE

Contactless smartcard
(ISO 14443-A/B)
and
NFC tag (ISO 18092) reader

FBI PIV IQS & STQC certified optical fingerprint sensor

Front camera
1.3MP

Contact smartcard reader
(ISO 7816 A/B/C)

USB
Host Type A

SAM slot

Li-Polymer battery
5400 mAh

Stereo headset jack

Memory
1GB RAM, 8GB Flash
+ Micro SD High Capacity reader (up to 32GB)

SIM card reader
3G - Voice & Data

Micro USB 2.0 OTG

ARM Cortex™ A9 Dual Core
1Ghz (NEON technology)
+ Crypto-processor

Secure element

Vibration device
Accelerometer & Gyroscope

7"WSVGA color touch-screen
(16:9 ratio)
IPS technology (wide readability)
Ambient light sensor

LED indicator

Microphone

3G WiFi Bluetooth GPS

Rear camera
5MP auto-focus
with LED flash

High Quality speaker

CIVIL / GOVERNMENTAL APPLICATIONS

Light and ultra-mobile, MorphoTablet™ is a high quality acquisition tool perfectly suited for **user enrollment in the field**.

With its biometric functions coupled with contact/contactless smartcard and NFC tag reading capabilities, MorphoTablet™ **easily performs ID check** (on device or remotely) in multiple situations and environments.

- **Elections:** voter authentication
- **Benefit programs:** ID check prior to service delivery
- **Healthcare:** patient or medical staff authentication, medical records management
- **Education:** student ID verification (examinations, online courses)

PUBLIC SECURITY

MorphoTablet™ helps police and law enforcement officers to **speed up operations in the field** by delivering fast authentication/identification or by collecting and transmitting instantly and securely crucial information.

- **Public security:** ID card, driving license verification
- **Criminal investigation:** capture and transmission of clue/evidence photos. Remote latent searches. Results and mugshots displayed directly on device
- **Customs:** transportation certificate control
- **Airport security:** staff ID check within secure areas
- **Transport:** ticket holder ID verification
- **Access control:** sensitive site / facilities protection
- **Workforce management:** take the time clock to the workforce (e.g. on a company shuttle bus)