



Morpho RapID™

Rugged Mobile Biometric Identification Terminal

- Mobile identification device with full shift autonomy
- Fingerprint and photo capture
- On-board watch-list of up to 180,000 individuals
- Real-time, high-quality WiFi and/or cellular wireless communication with central AFIS
- Rugged design — conforms to IP65



MorphoTrak
SAFRAN Group

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Designed with its users

The Morpho RapID™ terminal is an all-in-one, sturdy device. It has been designed in collaboration with law enforcement users to meet the requirements of their mobile, in-the-field identification applications: on the spot ID checks, immigration control, border control, suspect identification.

The best of technology

The Morpho RapID™ uses the most capable and innovative technologies available on the market:

- **High accuracy:** A forensic quality 500 ppi, wide capture area, Sagem Sécurité MorphoSmart fingerprint acquisition sensor, that has been certified world-wide (BSI in Germany, FBI in the US) and a 2 mega-pixel digital camera
- **Effective fingerprinting algorithms:** The Sagem Sécurité biometric algorithms — the most powerful of the market, assessed by the NIST as the most interoperable
- **Rugged interface:** The Psion Teklogix iKôn PDA, a class-leading, rugged device, designed with particular care for user-friendliness, offering a 3.7 inch VGA display and an ergonomic keypad designed for one-handed operation
- **Robust wireless communication options:** WiFi, cellular (GSM, GPRS, EDGE, and 3G UMTS/WCDMA) and BlueTooth connectivity, GPS localization. The new UMTS technology guarantees both the speed and quality of data exchanges with remote AFIS systems.
- **Versatile card reading options:** Contact and contactless card readers and 2D barcode imagers can be fully integrated into the device.



Ease of use

The Morpho RapID increases the field officer's effectiveness and efficiency by providing a reliable real-time identification tool. The officer can spend more time on patrol rather than at the station by making subject identifications on the spot in the field.

Officer safety factors were of primary concern in the design as well as optimal ergonomics. The fingerprint capture process is automated and efficient allowing the officer to focus attention on the subject and the environment rather than the device. The large VGA touch screen is easy to use and easy to see in variable lighting conditions. The operator has maximum comfort with a secure grip using either a handle or handstrap.

The RapID provides many search and workflow options including a local search of a watchlist of up to 180,000 persons or a remote search of a central AFIS using a wide range of wireless communication networks including UMTS and WiFi. Photos can be captured and displayed with search results.



Rugged and dependable

The MorphoRapID™ can withstand harsh outdoor environments. The terminal meets IP65 qualification (protection against dust and water) and will resist a fall of over 4 feet (1.2 meters) on a concrete surface. Its Li-ion battery provides more than 8 hours of autonomy for full shift coverage.



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Contact us:
113 South Columbus Street 4th Floor
Alexandria, Virginia U.S.A. 22314
(800) 601-6790
www.morphotrak.com
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