

## MobileID with BlueCheck® II

Running on a commercially-available Personal Digital Assistant (PDA) smartphone or a BlackBerry® smartphone, 3M Cogent's MobileID software delivers the power of an Automated Fingerprint Identification System (AFIS) in a portable, handheld format. When combined with 3M Cogent's BlueCheck II capture device, MobileID allows users to quickly and easily perform in-the-field fingerprint identification.

BlueCheck II captures high-quality, 500 dpi images and uses Bluetooth technology to transmit the images to the MobileID device. These images can be used in a search against the onboard database or submitted as a NIST package to remote AFISes over a wireless network. Submissions and responses are sent and received via standard wireless technology, such as GPRS, GPRS/EDGE, etc.

With the flexibility of Bluetooth, 3M Cogent's MobileID software and BlueCheck II device solution can be run on nearly any Bluetooth and network-enabled platform. 3M Cogent's solution offers users the following benefits:

- High-quality fingerprint capture
- On-device matching capability
- Bluetooth technology enables wireless communication between BlueCheck and PDA/handheld device
- The speed and accuracy of an AFIS
- User-friendly interface, which minimizes the need for training
- Capability to submit searches and receive responses in the field, which increases efficiency
- The flexibility to handle NIST standard requests and responses over a wireless network
- Mugshot acquisition



## Flexible Mobile Identification

# MobileID with BlueCheck® II Compatibility Specifications



## BlueCheck® II

**Fingerprint Scanner:** 500 ppi, optical

**LCD Display:** 1.7 in., color

**On-Device Identification:** ~ 1.5 seconds per 500 fingerprint templates

**Allowable Finger Rotation:** +/- 15°

**Template Size:** 784 bytes

**I/O Interface:** Bluetooth, USB 2.0 client

**WSQ Compression Ratio:** 9:1 standard, 15:1 configurable

**Encryption Capability:** FIPS 140-2 optional

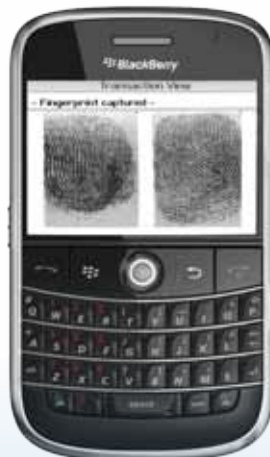
**Bluetooth Transfer Distance:** Up to 30 ft. (10 m)

**Power:** Standard battery Li-Ion 3.7V 1200 mAh

**Operating Temperature:** 14° F to 122° F

**Dimensions:** 4.5 x 1.9 x 0.8 in.

**Weight:** 4.59 ounces



## BlackBerry®

### Compatible Models:

BlackBerry Bold, Curve, Storm, Tour

### Minimum Requirements:

Bluetooth support

Expandable memory

MicroSD flash memory support

Accessible memory support

GSM/GPRS or EDGE wireless network

E-mail integration implemented

Screen display of 320 x 240 pixels



## PDA Phone

### Compatible Models:

Microsoft® Pocket PC 2003 or higher

Microsoft® Windows Mobile™ 2005 or higher

### Minimum Requirements:

Bluetooth support

Expandable memory

Accessible memory support

GSM/GPRS or EDGE wireless network

E-mail integration implemented

\*Product specifications are subject to change without notice.

*Beyond Comparison™*