

## Fingerprint Identification Software for Mobile Devices

# IDCheck Plus™



### At a Glance

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- Fast and accurate fingerprint identification and verification
- Installs and operates on Windows Mobile Data Computers (MDC)
- Existing customer infrastructure and hardware utilized
- Wide range of biometric capture devices supported
- Demographic import and mugshot capture options
- Support options for AES 256 and FIPS 140-2 encryption
- AFIS search allowed to any AFIS vendor using national standard search parameters
- Connects and operates with NEC's NeoScan 45

### Overview

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NEC is a biometrics pioneer holding a leadership position in biometrics matching technology since the 1970's. Today, with more than 400 deployments in over 30 countries, NEC continues to be the leading provider and one of the largest market share holders of Automated Fingerprint Identification Systems (AFIS) and now Multi-modal Biometric Identification Systems (MBIS) worldwide. With its commitment to research and development (R&D), NEC continues to provide the most innovative and accurate biometric algorithms validated by the National Institute of Standards and Technology (NIST). NEC is the developer of NeoFace®, the world's most accurate facial recognition and NeoScan 45, the world's most compact FAP 45 biometric capture device. Working with NEC means accessing decades of biometrics expertise and technologies for optimal performance, accuracy and reliability.

### Solution

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#### Extending Fingerprint Identification to the Field

The ability to positively identify individuals and uphold public safety should not be restricted by location. Law enforcement officers need to have access to critical identification information wherever duty takes them. NEC's IDCheck Plus™ application, the proven in-field fingerprint identification solution, solves this challenge for law enforcement agencies. IDCheck Plus is a software application designed to be integrated with mobile capture devices to provide an efficient and practical identification tool for officers in the field.

Developed in cooperation with and participation by NEC's law enforcement customers, IDCheck Plus combines NEC's core competency of Automated Fingerprint Identification Systems (AFIS), wireless communication technologies, and mobile applications to provide fast, accurate and proven fingerprint identification technology where it is needed most — the field. Also, IDCheck Plus works with NEC's NeoScan 45 by connecting using either Bluetooth or Wi-Fi to support all fingerprint capture types including flat, slap and rolled fingerprints for identification and field booking operations.

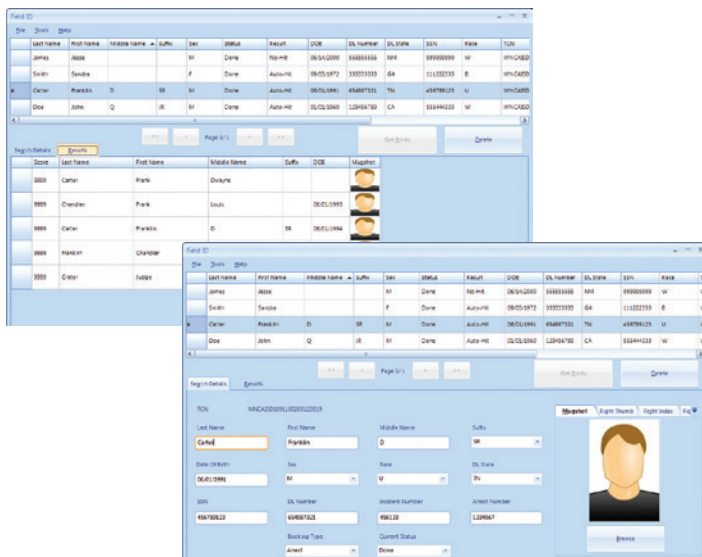
## Immediate, Trusted Results

NEC's IDCheck Plus application allows law enforcement officers in remote locations — on the street, at crime scenes or at checkpoints — to collect, forward and retrieve valuable information. Fingerprints, mug shots and demographic information are transmitted over a wireless network directly to and from a central AFIS or MBIS site or central database for identification\*.

Immediate suspect identification in the field not only saves officers a significant amount of time, it also strengthens their safety by providing information instantly about the suspect. NEC's IDCheck Plus application provides the convenience, accuracy and speed demanded by agencies and officers to do their jobs effectively.

## Fast & Accurate

NEC's IDCheck Plus application automatically scans fingerprints and packages the data in either an NEC proprietary format or NIST-approved format; transmits data to central AFIS databases for matching; and receives fingerprint identification, demographics information and/or photos from the AFIS or MBIS databases queried. IDcheck Plus allows AFIS or MBIS searches to any biometric vendor's database. The application allows officers in the field to transmit and receive records quickly and efficiently. Any information delay in a critical situation can pose hazards to officers in the field.



\* Collection and support of this information can vary depending on the type of capture device.

## Wireless Freedom

NEC's IDCheck Plus is the perfect choice for officers who want to go wireless. It allows the scanning of one or multiple fingers of the person in question using a biometric capture device. The information is then transmitted from the MDC over the existing LAN or WAN to the central AFIS or MBIS database. The freedom of being wireless maximizes officers' time in the field and community presence, while providing sufficient identification information to assist officers making critical decisions on the spot. IDCheck Plus supports Microsoft® Windows® platforms capable of running the .NET framework, including Windows 7, Windows 8.1 and Windows 10.

## Customer Care

NEC's U.S.-based NEC Customer Service Centers provide comprehensive 24x7 multitier customer support for problem tracking and resolution, as well as advanced remote diagnostics. Highly experienced engineers and developers provide technical support and troubleshooting services to ensure that our customers get the information and help they need without delay.

## Orchestrating a Brighter World

NEC Corporation of America is a leader in the integration of IT and network technologies that benefit businesses and people around the world. By providing a combination of products and solutions that cross utilize the company's experience and global resources, NEC's advanced technologies including biometrics and video analytics meet the complex and ever-changing needs of its customers. NEC brings more than 100 years of expertise in technological innovation to empower people, businesses and society. NEC globally provides "Solutions for Society" that promote the safety, security, efficiency and equality of society. Under the company's corporate key message of "Orchestrating a brighter world," NEC aims to help solve a wide range of challenging issues and to create new social value for the changing world of tomorrow. For more information, visit: [www.necam.com](http://www.necam.com).

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