



National Security Systems
An NEC Company

Multimodal Biometric Workstation for Identification, Records & Crime Labs

Integra-ID Integrated Biometric Workstation



NEC's Integrated Biometric Workstation (IBW) is better for law enforcement and the forensic biometric community. Designed for ease of use and developed upon Microsoft Windows 10, its user interface and dynamic user experience is a "quick learn" enabling certified examiners to identify more offenders faster, for more efficient and effective crime solving.

NEC IBW really is MBIS made better for multi-modal biometric analysis, comparisons, evaluations and verifications!

Solution

IBW has a modern user interface (UI) and intuitive screens utilizing Microsoft Windows 10, with modern pinch-and-zoom and swipe features now common on all computing devices, including desktop personal computers and tablets. That's right. In the bureau office, the crime lab or even in the field at the crime scene, IBW can be operated with a tablet as well as desktop or laptop PC. The result is a fresh, new approach to a multimodal biometrics workstation solution for card scanning and latent print entry, data entry and image enhancement, case submission, quality control, and search verification.

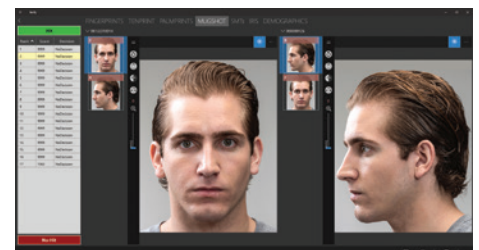
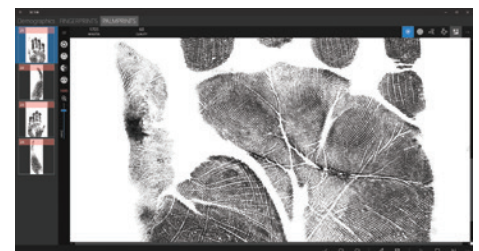
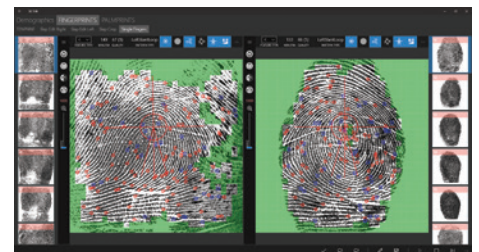
The IBW serves as the graphical UI and dynamic user experience (UX) to the Integra ID Multimodal Biometric Identification Solution (MBIS).

It provides a single logon point to run all available MBIS universal apps, including all tenprint, palmprint, facial, iris and latent functionality encompassing entry, editing and enhancement, submission, and review. Built using the NEC Digital Platform (NDP) and Universal Windows platform, these workstations provide the feature rich UX of a multi-tiered and micro service oriented architecture working in real time.

The user can customize many features, workflows and preferences linked to their User ID login, --regardless of the PC workstation or tablet.

At a Glance

- **Microsoft® Windows® 10 Platform for Modern Architecture, User Interface and Support**
- **Multimodal Biometrics including Finger, Palm, Face, Iris and Latents**
- **Dedicated and Interoperable Apps for Browsing, Entry, Management and Review**
- **Fast to Learn, Effective to Use and Fun to Experience for All Users**
- **NDP for connectivity, data presentation, interoperability and workflow management**



Easy and Effective to Use Interface

With a modern, intuitive interface, NEC's IBW efficiently guides the user through the record creation process, minimizing errors. Menus and common tasks have a consistent look and feel for a fluid transition between booking applications and tenprint processing. IBW brings together all functions and tools necessary to automatically or manually process multimodal biometrics, with a unified UI for all MBIS functions.

For system administration, IBW includes the Integrated Support Monitoring (ISM) web client for management of availability, configuration, work-in-progress, and users, and enables the fast and easy generation of reports for policy compliance, statistical reporting, and more.



Complete Customer Care and Security

NEC's U.S.-based Biometrics Operations Support Solution and multiple customer service centers provide comprehensive 24/7 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. All NEC biometric products including Integra-ID IBW are developed and protected by Security by Design Principles to ensure Integrity, Confidentiality and Availability.

(*<https://www.necam.com/AdvancedRecognitionSystems/NISTValidation/FingerprintFacial/>)

(**<https://nvlpubs.nist.gov/nistpubs/ir/2019/NIST.IR.8280.pdf>)

NIST

**NEC's NeoFace® Technology
Consistently Ranked As #1 Provider
of Face Recognition Algorithms by
NIST***

Innovative Force in Identification

For more than 30 years, NEC has been a world leader in integrated, high availability biometric identification systems. The unparalleled identification matching accuracy and speed of our fingerprint and facial recognition technologies have been independently verified by NIST. NEC globally provides "Solutions for Society" that promote the safety, security, efficiency, and equality of society. Under the company's corporate 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.

Key Features & Benefits

- Works with NEC Award Winning Algorithms from Finger, Face and Iris to Identify More Persons and Solve More Crimes
- Works with any Microsoft Windows 10 Device from Workstations, Desktop and Laptop Computers to Compact Tablets
- Improved efficiency by opening multiple apps and windows, and allows close examination of multiple MBIS records
- Better user experience for faster learning, greater productivity and superior effectiveness
- IBW Apps include Browse, Job Queue, Person Entry, Quality Control, Latent Entry and Search Verification, as well as soon,
- Facial Investigation, Crime Scene Investigation and Batcscanning

For More Information: 1.800.777.2347
www.necam.com/ARS

NEC Corporation of America
Irving, TX
necam.com

NEC National Security Solutions, Inc.
Arlington, VA
necns.com

NEC National Security Solutions, Inc. (NSS) is a leading provider of biometric identity and AI technology for federal government agencies in defense, intelligence, law enforcement, and homeland security agencies. Based in Arlington, Va., NSS deploys proven groundbreaking technology for access control, identity verification, scene processing, advanced analytics, fiber optic sensing, border control and transportation security, among other applications. The company was launched in 2020 as a wholly owned subsidiary of NEC Corporation of America and will operate under a Special Security Agreement (SSA) with the US Government as a FOCI-mitigated entity, free of foreign ownership, control, and influence. It provides full-service solutions for large agencies using the intellectual property and resources of the global NEC brand. The NEC Corporation invests an estimated \$1.01 billion annually in R&D, holds 47,000 patents, and has more than 110,000 employees in 160+ countries. For more information, please visit www.necns.com.

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