\Orchestrating a brighter world

NEC

Multimodal Biometric Workstation for Identification, Records & Crime Labs

Integra-ID Integrated Biometric Workstation

At a Glance

- Microsoft® Windows® 10 & 11 Pro OS Compatible
- User Experience based upon Microsoft Windows UI Library
- Multimodal Biomtrics including Finger, Palm, Face, Iris and Latents

- Dedicated and Interoperable suite of super apps for browsing, entry, management and review of multimodal biometric cases
- Fast to learn, effective to use and fun to experinece for all users

Overview

NEC's Integrated Biometric Workstation (IBW) is newer and better for law enforcement and the biometric community. Designed for ease of use and developed for both Microsoft Windows 10 and 11, its user interface and dynamic user experience is a "quick learn" enabling forensic examiners and repository users to identify more offenders faster, for more effective crime solving and assurance of record integrity.

NEC IBW really is MBIS made better for all users from forensic examiners to records speicalist to system adminsitrator-managers.

Windows 10   Windows 11

Solution

NECAM IBW has a modern user interface (UI) and intuitive screens utilizing Microsoft Windows UI Library (WinUI). This is a native user experience (UX) framework for both Windows desktop and UWP applications. By incorporating the Fluent Design System into all experiences, controls, and styles, WinUI provides consistent, intuitive, and accessible experiences using the latest UI patterns. The result is a fresh, modern, and 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.
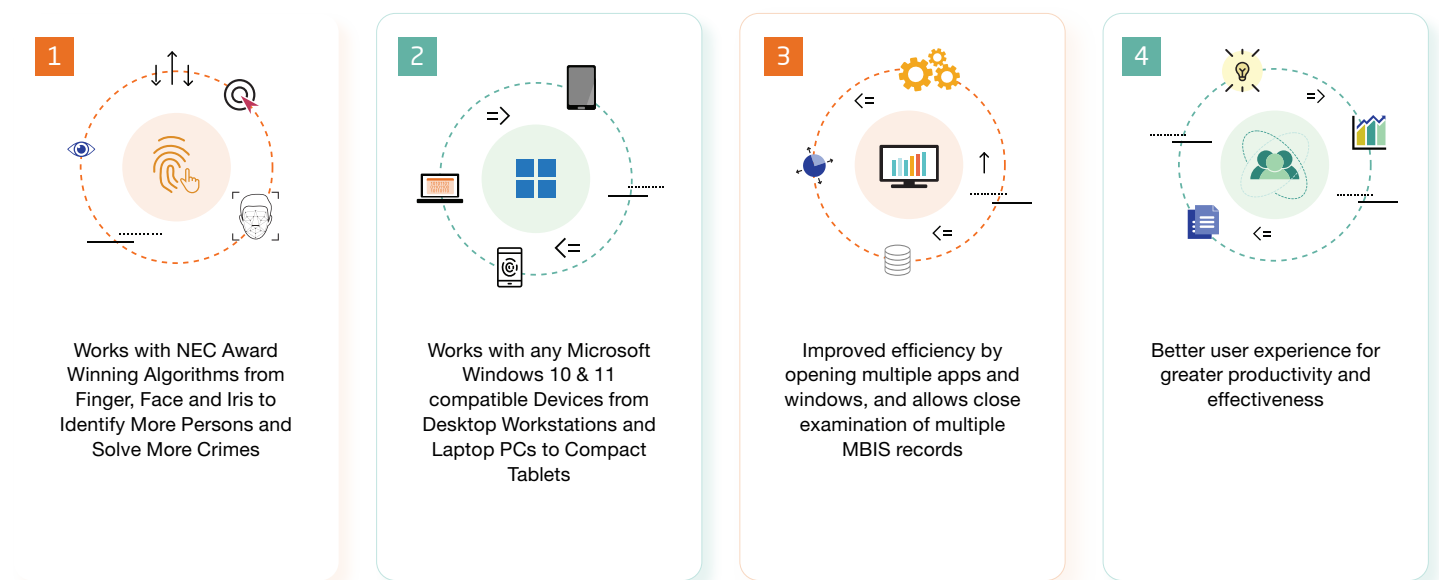
The IBW serves as the graphical UI and dynamic user experience (UX) to the Integra ID Multimodal Biometric Identification Solution (MBIS). It provides a single logon point to run all available MBIS IBW super apps, including all tenprint, palmprint, facial, iris and latent functionality encompassing entry, 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 and save as preferences linked to their ID, which load whenever they log on — regardless of the terminal.

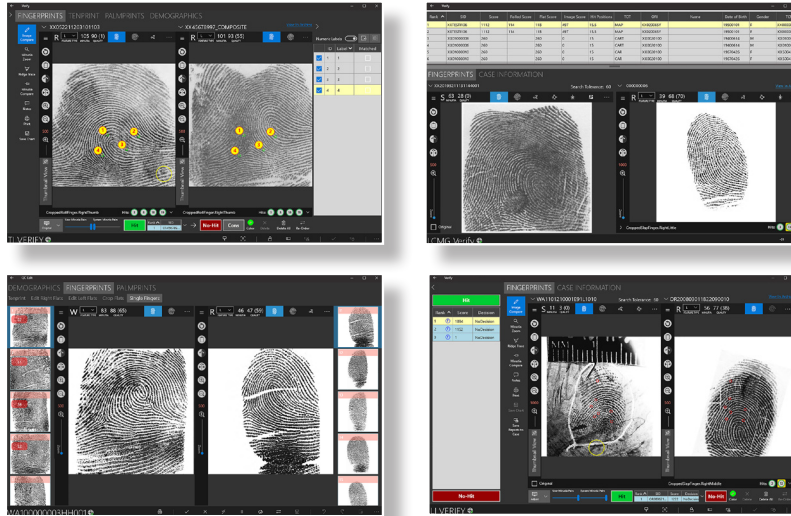# Easy and Effective to Use Interface

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 Insights Workbench 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.

Key Features & Benefits

1

Works with NEC Award Winning Algorithms from Finger, Face and Iris to Identify More Persons and Solve More Crimes

2

Works with any Microsoft Windows 10 & 11 compatible Devices from Desktop Workstations and Laptop PCs to Compact Tablets

3

Improved efficiency by opening multiple apps and windows, and allows close examination of multiple MBIS records

4

Better user experience for greater productivity and effectiveness

IBW Apps include Browse Records, Job Queue, Tenprint Entry, FastID, Quality Control, Latent Case Management, Search Verification Error Resolution and NIST Scanning Workstation as well Insights Archive for Records Management and Workbench for System Administrative Management

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.

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 "Orchestrates a Brighter World" 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.

NEC Corporation of America

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