

Livescan Station

SmartScan™



At a Glance

- Easy to use with Microsoft® Windows® 10 Operating System
- Superior image quality checks via NEC and NIST Algorithms
- Easy to administrate with Livescan Management Server
- Different hardware choices regarding configurations, computers and displays, and capture peripherals

Overview

The problem with livescan stations today is they haven't changed much in 20 years. They suffer from an obsolete design, outdated user interface, lack of security features and poor maintainability. NEC's SmartScan solution is different. We started with a modern user interface and intuitive screens utilizing Microsoft Windows 10 with modern pinch-and-zoom and swipe features now common on all devices. Then we house it in a visually pleasing, ergonomically designed kiosk with optional adjustable height and larger foot pedals. The result is a fresh, new approach to a multimodal biometrics capture solution.

SmartScan, Livescan Made Smart!

Solution

NEC's SmartScan renovated managed services offers both centralized and remote managed service options, both backed by our extensive knowledge available for onsite local support or around the globe. Finally, our enhanced security measures protect the wide area network from intrusion and malware attacks. NEC's SmartScan solution requires less training and has lower rejection rates leading to higher productivity and guaranteed service level agreements.

SmartScan Stations can be delivered in different configurations from cabinet, desktop and portable:

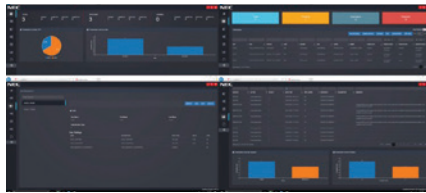
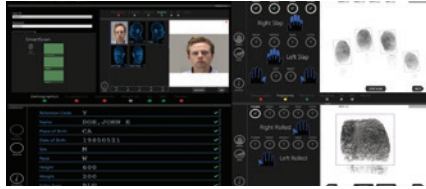


NEC's SmartScan solution
is truly livescan made smart!

Easy to Use Interface

The modern, intuitive interface of the NEC SmartScan solution guides the operator through the record creation process. This minimizes errors and increases efficiency. Menus and common tasks have a consistent look and feel, allowing for a fluid transition between the booking applications and tenprint processing.

In addition, NEC's SmartScan includes a convenient and flexible web client for system administration for management of availability, configuration, work-in-progress, and users. With appropriate readers, it also supports signature capture, barcode, and magstripe reading from a driver's license or other ID credential and smartcard reading. It also supports the printing of hard copy cards and reports.



Complete Customer Care

NEC's U.S.-based NEC 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.

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.

Proven Benefits

Used by Federal and Law Enforcement Agencies

- **Ease and Effective Use:**
User interface based upon and secured by the latest MS Windows 10. Web browser allows remote management and control by system administrators
- **Superior Image Quality:**
Capture any biometric image using top-tiered hardware and validate using both NEC superior and standard NIST image quality checks
- **Great Return on Investment:**
Agency users can quickly learn NEC's SmartScan software to process more applicants, arrestees and offenders in less time and with fewer number of workstations

Key Product Features

From Factors	Cabinet, Desktop and Portable
Multimodal Biometric Capture	Fingerprints: Flat, Slap and Rolled Palmprint: Upper, Lower and Writers Mugshots: Facial, Profile, Obliques with/without Glasses SMTs: All Categories, Locations and Types Signature
Supported Peripherals	Canon EOS Rebel DSLR Models Canon PowerShot Point & Shoot Models Crossmatch Guardian 100, 200 and USB Crossmatch LScan 500 and 1000 Green Bit DactyScan 84 Models Green Bit MutiScan 527 Integrated Biometrics KOJAK IrisID iCAM 7000 and 7100 IrisID iCAM R100 JENETRIC Livetouch Quattro Logitech Pro Webcams
Data Entry and Reading	Alphanumeric Keyboard 1D/2D/QR Barcodes 3 Track Magnetic Stripe RFID from eMRTDs
Command, Control & Navigation	3 Button Scroll Mouse Cursor Keypad or Joystick Trackball or Touchpad USB Footpedals Windows Touchscreen
Computing	Intel i5 or i7 Microsoft Windows 10 Pro
Networking	Wired LAN 802.3 Wireless LAN 802.11b/g/n 3G/4G/5G Cellular
OS Compatibility	Microsoft Windows 10
Environment	Operating Temperature: 50°F to 86°F (10°C to 30°C) Storage Temperature: 32°F to 105°F (0°C to 40°C) Humidity: 10 - 95% RH (non-condensing)
Certifications	FBI IQS Appendix F to FAP 45 and PIV Energy Star FCC Certification FCC Part 15 Class A RoHS Compliant RoHS2 Directive 2011/65/EC UL 60950-1

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