

SmartScan CABINET by NEC

Modern biometric capture. Guided workflows. Greater efficiency.

The Challenge: Biometric capture needs to keep pace

Public safety and identity teams rely on high-quality biometric information to support accurate identification and efficient record creation. Yet legacy capture environments can involve dated interfaces, complex workflows and disconnected hardware - increasing operator effort and the potential for capture errors. Organisations need a modern biometric capture solution that simplifies the operator experience while supporting image quality, security, centralised administration and a range of biometric modalities.

22-inch
touchscreen displays

Large, intuitive screens support guided record creation and ease of use.



6 biometric capture modes

Fingerprint, palm, face, iris, voice and signature.

The Solution: SmartScan CABINET by NEC



NEC SmartScan CABINET is an integrated biometric capture solution designed to modernise and simplify enrolment and record-creation workflows.

Its intuitive Microsoft Windows-based interface guides operators through the capture process, while large touchscreens, hands-free foot pedals and an ergonomically designed, height-adjustable cabinet help make operation easier and more efficient.

SmartScan can support multiple biometric capture modes and compatible peripherals, with NEC and NIST-standard image-quality checks helping maintain the quality of captured biometric records.

Proven Capabilities

1

Multimodal biometric capture

Support fingerprint, palm, face, iris, voice and signature capture within a single solution.

2

Guided operator workflow

Use an intuitive Windows-based interface to guide operators through record creation and help minimise errors.

3

Image-quality validation

Validate biometric captures using NEC and NIST-standard image-quality checks.

4

Managing Lineups & Witness Sessions

Photoboards of candidate images that are used in witness sessions to identify potential suspects. operational insight.

5

Centralised administration

Enable system administrators to manage and support SmartScan locally or remotely.

6

Flexible integration

Support multiple peripherals, configurable hardware and compatible Rapid DNA workflows.

Business Benefits



Improve capture quality

Support high-quality biometric records with integrated image-quality validation.



Simplify operator workflows

Guide users through the capture process with an intuitive interface and familiar touchscreen controls.



Increase operational efficiency

Help reduce capture errors, operator effort and unnecessary rework.



Adapt to operational needs

Support multiple biometric modalities, peripherals and configurable deployment options.

What Sets SmartScan Apart

SmartScan brings biometric capture, image-quality validation, guided workflows and centralised administration together within an integrated solution.

Rather than relying on fragmented capture tools, agencies can support multiple biometric modalities and peripherals through a common operator experience.

Flexible hardware options, remote administration and built-in security capabilities also help organisations adapt SmartScan to different operational and deployment requirements.



Why NEC?

NEC has decades of experience developing biometric identification technologies for public safety and identity environments.

Our expertise spans fingerprint, face and iris technologies, combining biometric innovation with the integration, security and operational knowledge required to support demanding agency environments.

Modernise your biometric capture

Talk to NEC about how SmartScan CABINET can simplify biometric capture and support your operational requirements.

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