

NeoFace Watch for Public Safety

Faster identification. Smarter investigations. Safer communities.

The Challenge: Identifying risk when every second matters

Public safety agencies operate in environments where time, accuracy and access to reliable information can directly affect outcomes.

Yet identifying individuals across CCTV, video, imagery and existing records can require significant manual review - slowing investigations and delaying action when every minute matters.

Facial recognition can help by rapidly narrowing large volumes of visual information into a smaller set of potential matches for authorised human review.

40⁺ Years

of NEC biometric expertise, research and applied innovation

0.06% **Authentication error rate**

achieving the highest performance rating in NIST 1:N identification testing

Source: NIST FRTE 1:N Identification, 2026

The Solution: NeoFace Watch



NEC NeoFace provides high-performance facial recognition designed to support both real-time and post-event public safety applications.

It can compare images and video against authorised databases and watchlists, helping investigators and operational teams identify or locate individuals more quickly.

Built for demanding operational environments, NeoFace is designed to perform across variations in ageing, facial angle, headwear and lighting, while supporting privacy, auditing, reporting and data-retention controls.

Proven Capabilities

- Retrospective facial recognition**
Search images or recorded video against authorised databases to support post-event investigations.
- Live facial recognition**
Compare faces captured by connected cameras against approved watchlists in real-time.
- Operator-initiated recognition**
Enable authorised personnel to submit an image from a supported mobile device for identification.
- Missing and vulnerable persons**
Assist teams in identifying or locating individuals who may require urgent help or protection.
- Wanted-person identification**
Support the identification of persons of interest using authorised image records and watchlists.
- Human review and governance**
Return potential candidates for authorised human adjudication while supporting audit, reporting & retention controls.

Business Benefits



Accelerate investigations

Reduce time spent manually reviewing large volumes of images and video.



Support community safety

Help locate vulnerable people and identify persons of interest more quickly.



Protect frontline personnel

Provide additional information that can help teams understand who they may be dealing with.



Focus resources effectively

Reduce repetitive investigative work so personnel can concentrate on higher-value operational priorities.

What Sets NeoFace Watch Apart

NeoFace combines retrospective, live and operator-initiated facial recognition to support public safety teams across investigations and operational environments.

Rather than replacing human judgement, the technology helps narrow large volumes of visual information into potential candidates for authorised review.

Its capabilities are designed to operate effectively in challenging conditions, while supporting privacy, auditing, reporting and configurable data-retention requirements.



Why NEC?

NEC has more than 40 years of biometric expertise, combining global research and innovation with experience delivering facial recognition technologies for public safety environments.

We support organisations beyond the algorithm itself - helping integrate biometric technology into operational environments with a strong focus on security, governance, proportionality and responsible use.

Explore facial recognition for public safety

Talk to NEC about how NeoFace can support faster investigations, operational awareness and safer communities.

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