

NeoFace Watch by NEC

Advanced facial recognition. Actionable intelligence. Safer environments.

The Challenge: Identifying risk when every second matters

Security teams are responsible for protecting people, places and communities in increasingly complex environments. Yet identifying persons of interest across large volumes of CCTV, live video and imagery can be time-consuming and resource intensive. At the same time, facial recognition brings heightened expectations around privacy, transparency and responsible deployment. Organisations need technology that can turn visual data into actionable intelligence while maintaining appropriate governance and safeguards.

40⁺ Years

of NEC biometric expertise, research and applied innovation

45% of Australians identify facial recognition technology as a privacy risk

Source: OAIC, Australian Community Attitudes to Privacy Survey 2026

The Solution: NeoFace Watch



NeoFace Watch is NEC's facial recognition solution for identifying and searching faces across live and recorded video and image sources.

It can analyse live CCTV and Video Management System feeds, search images against watchlists, rapidly process recorded video and deliver alerts to authorised users across supported devices.

Built on decades of NEC biometric research and development, NeoFace Watch is designed to operate in complex operational conditions, including challenging lighting, varying angles, adverse weather and partial facial obstruction.

Proven Capabilities

1

Live facial recognition

Identify faces from CCTV cameras and video management systems in real-time.

2

Face search

Search images against large watchlists using enhancement and comparison tools.

3

Video analysis

Analyse multiple recorded video files faster than real-time to support rapid post-event investigation.

4

Geo-tagging

Combine match and location data to provide greater context and operational insight.

5

Mobile and body-worn access

Stream video, view match alerts and search faces using supported smart and body-worn devices.

6

Integration and APIs

Integrate facial recognition with existing applications and systems through web services and RESTful APIs.

Business Benefits



Improve situational awareness

Turn live and recorded visual information into actionable intelligence to support faster decision-making.



Accelerate response

Identify potential matches in real-time and analyse recorded video rapidly when time is critical.



Increase operational efficiency

Use technology to augment existing surveillance processes and enable personnel to focus on higher-value activities.



Strengthen governance and control

Support responsible deployment through configurable privacy controls, encryption and role-based access.

What Sets NeoFace Watch Apart

NeoFace Watch combines live facial recognition, forensic search and video analysis in a scalable solution built for complex operational environments.

Powered by NEC's facial recognition technology, it integrates with existing CCTV, video management systems and supported devices to help turn visual data into actionable intelligence.

Built-in security and governance controls, including encryption, role-based access and configurable retention, support responsible deployment.

Why NEC?

NEC has more than 40 years of biometric expertise, combining global innovation with experience delivering facial recognition in complex operational environments.

We help organisations integrate biometric technology securely and responsibly, with a strong focus on privacy, governance, scalability and proven performance.

Discover NeoFace Watch

Talk to NEC about how facial recognition could support your security and operational requirements.

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