



**NEC**

# NeoFace Watch

Build safer and smarter communities, with the world's most trusted facial recognition solution

[necsws.com](http://necsws.com)



# Technology to help you save lives, before they need saving

With increasing threats from the most serious and organised crimes including terrorism, exploitation, slavery and trafficking, your force can be at the forefront of this battle by leveraging the latest technologies.

Proactively identify high-risk individuals and groups to protect the public from harm through facial recognition that gives you more eyes on the ground; increasing capacity of your officers on the front line.

Our Neoface Wach software has over 100 million enrolments and is relied up on by 57 countries and territories across the world. With thousands of connected camera streams, daily transactions and deployments spanning worldwide, we're making it easier to protect your community.

By using specialist, off-the-shelf hardware, our technology enables deployment at any scale; from single use laptops through to national highly resilient and complex solutions.

Developed over 40 years, with direct input and collaboration from our customers, we've got a proven track record with consistent performance, so you can rely on us to help you protect the public you serve.



## Live Facial Recognition

Identify faces from CCTV cameras and Video Management Systems in real-time.



## Geo-Tagging

Unify match and mapping data to provide greater insights.



## Video Analysis

Process multiple video files faster than real-time, providing rapid post-event response.



## Face Search

Search images against watchlists that are unlimited in size, with simple enhancement and comparison tools.



## Smart & Bodyworn Devices

Stream live video, view match alerts and search faces directly from a bodyworn or smart device.



## API

Integrate facial recognition into existing applications via web services and RESTful API's.

## 40 years' biometric expertise

Now in its fifth generation, NeoFace Watch represents years of development with direct input and collaboration from our customers, industry experts and user community. At the heart of this lies the latest generation of NEC's pioneering algorithm.

Functionality includes surveillance from regular CCTV cameras alongside options for off-line video and images, with full support for data ingestion from multiple sources. Our algorithms are independently tested and proven by organisations such as NIST to be the most accurate in the world; combining traditional mathematical feature based modeling with highly curated cutting-edge artificial intelligence.

This unique pedigree enables NeoFace Watch to perform in complex real-world scenarios with challenging lighting, weather, extreme angles and headwear. Our data scientists strong pedigree with facial recognition and deep-learning ensure consistent performance across all genders, ages and ethnicities.

### Increase capacity on the ground

- Manage your team more effectively, with smart technology that enables you to reallocate personnel to more important tasks
- Increase frontline presence to enable the safety and security of your communities, whilst retaining essential surveillance

### Build trust within your communities

- By using the most accurate biometrics solution available, you can mitigate public perceptions and reduce mistaken identity situations

- Uphold highest values of integrity and impartiality by choosing the world's most trusted biometrics solution, verified by independent panels globally
- Reduce crime rates and prevent crime by proactively identifying high-risk individuals and groups, creating a safer environment.

### Rest assured your teams are responsible

- Ensure you're privacy compliant. With the flexibility to configure a solution to meet your needs, you can ensure compliance with local privacy regulations, governance and public expectations
- Protect the innocent with the ability to automatically blur any unknown faces, such as people in the background, and automatically purge records after a predefined time
- Take control of your data, with end-to-end encryption and role-based access control.

### Speed up your processes

- Get to the scene quicker with live video that enables you to access data directly from a bodyworn or smart device
- Ensure rapid reaction times with real-time video analysis
- Make your job easier and more efficient, with no need for technical coding ability
- Import folders - easily import bulk image and video data from multiple sources.



# Ethical solutions you can trust

As biometric solutions pioneers who have developed programmes for government, NGO and private sector clients, we understand that responsible use of technology is critical. While artificial intelligence and biometric technology has the potential to enrich lives and build a smarter, safer world, socially responsible use is critical to avoid potential concerns around privacy and discrimination. To ensure ethical use of our technology, we have enacted a series of principals which govern the deployment of all our artificial intelligence solutions:

**Fairness** - Ensure that individuals are not unfairly discriminated.

**Dialogue** - Build partnerships and collaborate with external experts and third-party stakeholders.

**Privacy** - Respect and protect individuals' privacy.

**Transparency** - Create a framework to explain the result of AI decisions.

**Explanation** - Explain the effects, value and impacts of our AI solutions.

**Utilisation** - Ensure all solutions are implemented in a way that respects human rights.

**Development** - Develop cutting-edge technologies and talent in an effort to promote AI utilisation.



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For more information visit [necsws.com](https://necsws.com)  
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