

IT'S ALL ABOUT THE FACE!

Benefit

- REDUCED CORPORATE RISK
- IMPROVED PUBLIC SAFETY
- ENHANCED MEMBER EXPERIENCE
- DRIVE INCREASED REVENUE/REDUCE COSTS

At a glance:

- Real-time video surveillance against watch lists
- Generates instant alerts to reduce security threats
- Independently evaluated as the most accurate face recognition solution available
- Highly resilient to varying environmental conditions
- Highly scalable for large facilities, systems and traffic
- Easy integration into existing operational & security processes
- Flexible licensing model
- Does not capture personal details
- Unobtrusive and requires no operator interaction
- High sample set and penetration rate
- Web based thin client easy to deploy
- Highly scalable and extendable
- Easy integration with existing business processes

NEC's NeoFace® Watch Facial Recognition solution is the fastest and most accurate solution available, as measured in independent tests.

- NEC's Video Facial Recognition Technology Ranks 1st in NIST Testing 2017 *
- NEC NeoFace® ranked 1st in 4 independent tests; 8 years running
- NEC has improved the most, leading further than other vendors
- NEC remains the most accurate since 2009 (MBGC 2009, MBE 2011, FRVT 2013, FIVE 2017)
- NEC is the fastest with the highest number of searches/second (3.1 million+ searches/sec)



CABRA-VALE DIGGERS

"We went through our requirements together and found the NEC Facial Recognition from ABT Security Systems to be a good fit to meet our requirements. We felt confident that the product offered was reliable and well proven by expert managers who had a great understanding of our situation and needs, and they had an impressive knowledge of the uniqueness of the registered club industry. ABT presented solutions for these requirements to be implemented, cost effectively."

Boris Belevski
CEO of Cabra-Vale Diggers

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NEC

Facial Recognition



Reduce security threats with real-time alerts



Master Licence No:410271268
abtsecuritysystems.com.au



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Features and Benefits:

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Overview

Security threats are a growing concern for all international, national, city and community levels, as well as within commercial organisations. With the threats to international borders, governments are ordering reviews of their security arrangements at airports, seaports, and public transportation hubs. Law enforcement agencies are also charged with identifying wanted individuals in public places. In addition, security and facilities managers need to keep known undesirables and unknowns off their premises, as well as identifying members staff and returning VIP's to a facility.

NEC's NeoFace® Watch Facial Recognition solution is specifically designed to integrate with existing surveillance systems and match against a 'watch list' of individuals. When the system identifies an individual of interest from the 'watch list,' it raises an alert, so that appropriate actions can be taken rapidly to reduce the risk of public safety threats.

Independent testing confirms that NEC's NeoFace® Watch technology provides the fastest most accurate matching capability and is the most resistant to variants in ageing, race and pose angle.

Easy Integration & Deployment

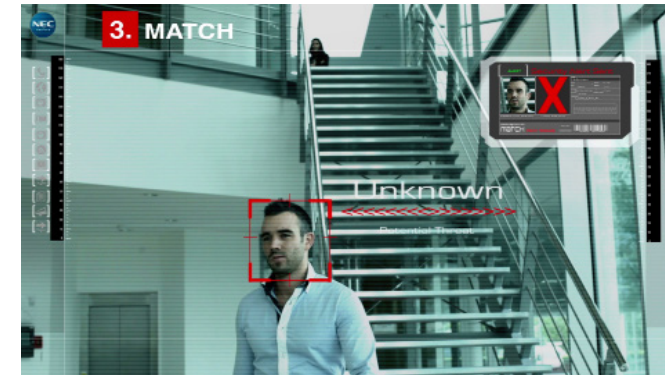
The NEC's NeoFace® Watch application is a Web-based thin client with an easy-to-use user interface. It is unobtrusive and requires no operator interaction. The application can be easily customised and integrated into existing surveillance systems and operational.

How it works

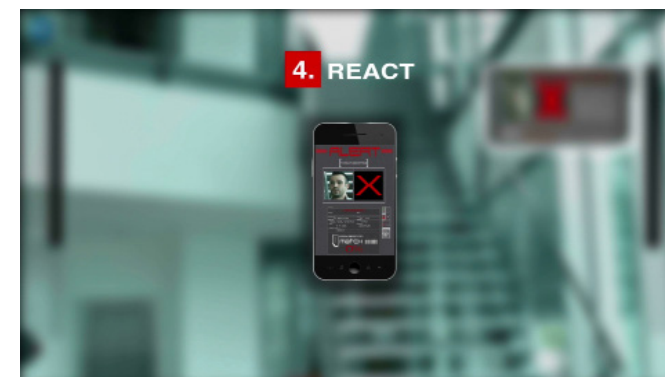
- A surveillance camera integrated with NEC's NeoFace® Watch biometric technology is installed in suitable pinch points.
- Faces of individuals are captured and extracted from the video feed with quality matching in real-time. NEC's NeoFace® Watch software is able to process multiple camera feeds extracting and matching thousands of faces per minute.
- NEC's NeoFace® Watch Facial Recognition matches faces from video surveillance against the appropriate watch list database and raises real-time alerts.

Unsurpassed accuracy & matching speed

NEC's NeoFace® Watch technology's strength lies in its tolerance of poor quality. Highly compressed surveillance videos and images, previously considered of little or no value, are now usable evidence and leading to higher rates of positive identification. With the proven ability to match low resolution facial images, including images with resolution down to just 24 pixels between the eyes, NEC's NeoFace® Watch technology outperforms all other face recognition systems in matching accuracy. While searching of latent prints at crime scenes is standard. NEC's NeoFace® Watch facial recognition technology can now positively identify latent photos with a high degree of accuracy.



Match thousands of faces per minute



Alerts in real-time

ABT Security Systems now offers The NEC's NeoFace® Watch Facial Recognition System as a 'Cloud based service.'

This service will allow system users to have a far lower initial capital investment and amortise the capital cost of the system over a number of years. Users also have the option to share costs with other users if they desire, further reducing initial costs and providing an entry level system for smaller clubs.

The Benefits of the new 'Cloud based service' are:

- Several capital-Vs-operating cost options are available
- Low initial entry cost for smaller clubs
- Sharing of infrastructure costs with other clubs if desired
- Full Privacy Act requirements maintained on all infrastructure Systems
- Fully independent systems operating within the cloud environment
- The ability to share banned persons information with other clubs if desired
- Lower ongoing maintenance costs of the systems
- Full systems redundancy
- 99.99% uptime guarantee
- Automated backup as part of the service
- All software upgrades service packs available for the life of the contract
- No requirement for major expansion of your existing IT infrastructure or staff
- Faster & easier installation and commissioning of your system