

Enhance Thermal Screening Efficiency

Thermal Screening Solutions



Our Technology

Contactless, autonomous and hygienic, NEC's Thermal Screening Solutions efficiently screen individuals passing through high human traffic facilities, with different options for various environments. NEC's Thermal Screening Solutions deliver swift and precise results, providing for screening up to 5 persons at any one time. Combined with our industry-leading, highly accurate facial recognition technologies, NEC's Thermal Screening Solutions promise a fast and accurate matching of faces for people identification and contact tracing purposes, even with mask on.

Results delivery:

- Minimize human contact
- Protect frontline staff
- Improve efficiency
- Easy to implement
- Precise temperature taking
- Highly accurate face detection
- Streamline contact tracing process

NEC ranked World No. 1* in face recognition technology



With high accuracy
algorithm of
230 million
matchings/sec.



With high
reliability and
convenience.

* As ranked by National Institute of Standards and Technology (NIST)

Our Suite of Stand-Alone Solutions



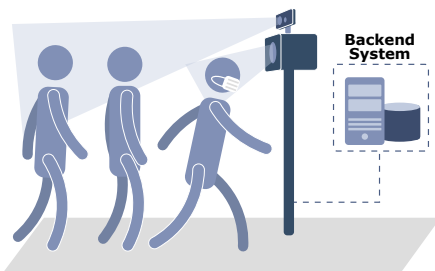
1. Thermal Solution

A simple and portable solution. Ideal for fuss-free and quick setup at retail storefronts, buses, clinics, markets, small offices, etc. Help to minimize contact, using contactless temperature screening. Comes with a screen that shows users their own temperature. System can alert authorized personnel of any person with fever.



2. Thermal FR Solution

Expand thermal solution with Facial Recognition (FR) technology, even with mask on. Ideal for 24 x 7 operations, attendance marking (e.g. schools), people identification (e.g. gated communities, camps, isolation areas), etc. Quick setup at one or multiple sites for immediate deployment. System can store up to 10,000 captured faces per hardware device for future integration with NEC's contact tracing solution (optional).

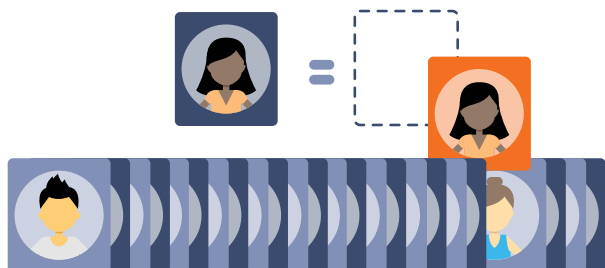


3. Thermal FR Plus Solution

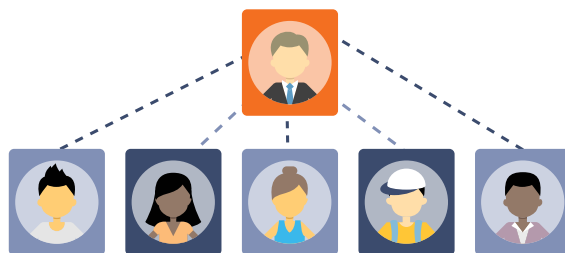
This solution further expands our thermal solution for a bigger entry area, capturing the faces and temperatures of up to 5 people concurrently. As this solution will be deployed in open areas, facial recognition information and temperature readings will only be shown to the authorized personnel in charge of people identification and crowd control.

Our Contact Tracing Solution

Supported by NEC's Contact Tracing Solution (optional)



Match faces against huge databases **in minutes**



Rapid data mining
to associate people (within minutes) who have been in contact with the affected person

Talk to us about your needs today. Contact us at +65 6379 2772 or NEC_PSSoln@nec.com.sg.

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