Contactless, autonomous and hygienic, NEC’s Thermal Prescreening Solutions efficiently screen individuals passing through high human traffic facilities, with different options for various environments. NEC’s Thermal Prescreening Solutions deliver swift and precise results. Combined with our industry-leading, highly accurate facial recognition technologies, NEC’s Thermal Prescreening Solutions promise a fast and accurate matching of faces for people identification.

Results delivery:
- Minimize human contact
- Protect frontline staff
- Improve efficiency
- Easy to implement
- Precise temperature taking
- Highly accurate face recognition
- Scalable and Expandable

Solution Overview

1. Thermal FR Solution
   A simple and portable thermal solution with Facial Recognition (FR) technology, even with mask on. Ideal for attendance marking (e.g. schools), people identification (e.g. gated communities, camps, isolation areas), etc. Help to minimize contact, using contactless temperature screening. System can alert authorized personnel of any person with fever.
**Thermal Prescreening Solutions**

2. **Multi Thermal FR Solution**

   This solution expands our thermal solution for many entries with multi thermal cameras. Scalable architecture allows to increase the number of thermal cameras at several sites.

3. **Thermal FR Plus**

   This solution further expands our thermal solution with other video analytics technologies such as crowd counting and unmasked face detection.

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**Key Product Features**

- **Best FR Technology**
  NEC’s face recognition algorithms have proven to be the industry’s fastest and most accurate, based on independent benchmarks performed by the National Institute of Standards and Technology (NIST)**.

- **Easy to implement**
  - Touchless, simultaneous capture of face image and body temperature
  - Quality capture in a wide range of environmental conditions
  - High tolerance matching of off-angle poses
  - Capable of matching partially obstructed faces (e.g. masks)
  - Solution is designed to work with thermal camera Mobotix TR M16 **

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Disclaimer: The thermal imaging cameras are designed to detect the temperature of the skin’s surface for quick preliminary screening. Not designed for medical purposes. Actual body temperature should be checked with a clinical measuring device. In any case, please use it in accordance with local regulations.

**FRVT (2019)**

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For further information regarding this product, please contact your local sales representative, or via NEC Global website.

https://contact.nec.com/cgi-bin/contact/select_qc.cgi

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**NEC Corporation**

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