

Member of the Global **IFSEC** Group

SECON 2021 ^{20th} anniversary
International Security Exhibition & Conference

KOREA SECURITY BRIEFING

THE IDEAL INFECTION PREVENTION & SECURITY

SOLUTION FOR EVERY NEED From Offices to Schools, Institutes, Hotels, Shopping Malls and Public Transportation **Part 2**

[Case 5] Security Gates

NS GATE is one of the leading suppliers of security gates with both access control and temperature check functions. In order to prevent access of suspected cases, the gate measures the health conditions of those entering the building in real time. In this way, the unmanned security gate is able to execute the role of untact access control and effective thermal imaging camera.



▲ Security Gates by NS GATE [Image=NS GATE]

Starting off with a kiosk business in 2008, NS GATE was established in 2011. Accomplishments and development of RFID readers and tag were the initiators for the security gate business. The company's business ranges from access control systems to thermal imaging cameras. That includes RFID/NFC solutions, access control program services, unmanned automation systems, as well as unmanned kiosk services.

[Case 6] Universities / Exam Venues

Union Community's 'Untact facial recognition access control and fever detection system' was installed in the exam venue of TOPCIT (Test of Practical Competency in IT). After scheduling an untact visit prior to the exam, the applicants were then permitted to enter exam site after the access authentication process. The facial recognition system, which was installed on that day, uses deep learning algorithms to authenticate from a 2m distance in various angles. Just like the walkthrough mechanism. The quick authentication procedure of the system, interworked with fever detecting module, is also capable of recording, managing, and restricting access.



▲Union Community's 'Untact facial recognition access control and fever detection system' installed in the exam venue of TOPCIT [Image=Union Community]

The distinct characteristics of Union Community's untact and automated biometric authentication system is the pure domestic manufacturing technology. The visitor does not have to necessarily appear on-site in order to register but use their smart phones to send photos so that the registration can be made. Registration and access is now granted with a simple phone number. The device can be installed in all restaurants, sports and recreational facilities, effectively managing the history of data system for access control and fever detection.

[Case 7] Trains & Subway Stations, Major Stations

AI facial recognition thermal imaging camera is being widely used in all train, subway, and major stations, as finding confirmed cases rapidly has become the main challenge. 'FAST PASS' made by EHOO Communication is winning popularity for its QR Code recognition function and SMS notification service for outsiders as well as family members. Highly recognized for its achievements in CCTV based home automation and access control devices, EHOO Communication is actively supplying public institutions, enterprises, religious facilities, and welfare facilities with facial recognition thermal imaging cameras.



▲ Facial recognition thermal imaging camera invented by EHOO Communication
[Image=EHOO Communication]

[Case 8] Farms and Tourist Attractions

Untact infection control gates measure temperature and brushes off all visitors' fine dust. Such process has reduced the anxiety amongst those engaged in the livestock industry. The machine which was installed at the MOU site of the tourist city 'Andong' is actually drawing large attention. Locations such as tourist attractions, churches, local governments, libraries, country clubs, theaters are using the system to prevent the spread of the virus.



▲ 4Dream's 'Untact Quarantine Gate UQG) installed at the MOU site

4DREAM's 'UQG- Untact Quarantine Gate' built around untact principles, provides a 4 in 1 service- visitor log, hand disinfection, identification verification & automatic thermal scanner, and disinfection procedure. This successful program of preventing the spread of infectious disease in densely populated areas, has systemized the collection and use of data for epidemiological surveys. The main characteristics and advantages of quarantine gates are ① Automated visitor log (use of smart phone application) ② The use of environmentally friendly disinfectants ③ Disinfecting security areas and multi-purposed facilities ④ Minimizing operating personnel and providing safety for quarantine personnel.

Those attending **SECON 2021** both off and online, will have the privilege of finding more about the above-mentioned infection prevention and security integrated solutions from 10th to 12th March 2021. Hosted in Korea, a country where its security market is the 2nd largest in Asia and 7th largest in the world, SECON 2021 has marked its position as Korea's largest integrated security exhibition covering all sectors of the security industry. Visit the **EXHIBITOR DIGITAL SHOWROOM** (<https://exhibitors.informamarkets-info.com/event/2021SEC>) which showcases products and profiles of all exhibitors- THE IDEAL ROUTE FOR SEARCHING THE IDEAL PRODUCTS & SOLUTIONS