

SUPREMA CASE STUDY

Airport Railroad

JUNG ONE Security Korea / Incheon Airport

THE CUSTOMER

January 13th, 2018. Incheon International Airport successfully opened Terminal 2, which serves 19 million people (on average) per year. The Airport Railroad runs between Seoul Station and Incheon International Airport Station Terminal 2, a total length of 63 km, and an average distance between stations of 5.3 km. In spite of the distance, Incheon Airport Railroad Express Train can transport passengers from the Airport Terminal to Seoul (Korea's capital city), in 43 minutes. These features of Incheon International Airport Railroad improved efficiency, effectiveness of its passengers. The Airport Railroad has been recognized for the increasing number of passengers departing from Incheon Airport lately.



FAST FACTS

LOCATION

Airport Railroad
/ Incheon, Korea Republic of

YEAR OF COMPLETION

2018

APPLICATION

Access control

TECHNOLOGY

Control panel, RFID, Fingerprint

PROJECT SIZE

584 Employees

SUPREMA PARTNER

JUNG ONE Security, Korea

SOLUTIONS

CoreStation: 8EA
BioStation A2: 10EA
X-Station: 32EA
Xpass: 100EA

THE CHALLENGE

Incheon Airport Railroad previously used Suprema's X-Station (LCD touch screen RFID reader), along with BioStar version 1 platform (software PC based). As time passed, More reliable security solution was required. They were using only an X-Station (security information was stored inside the device), which left user's data information vulnerable to compromise. In addition, Incheon Airport Railroad needed to use their own security platform, which would require Integration with Biostar 2 API software.

THE SOLUTION

Suprema's valued partner in Korea, JUNG ONE Security upgraded the existing system to a Suprema's centralized access control schema using CoreStation (Suprema's intelligent biometric control panel). Now, 32 X-Station units are connected to a total of 8 units of CoreStation via Wiegand, installed at the control center of the head office. The X-Stations are customized with a more comfortable and user-friendly UI for the Incheon Airport Railroad. They supply users with a fast and easy access to all the required features and functions. CoreStation managed to control all user information and data logs, eliminating the concern of user and data information compromise, given that the X-Station terminals became to act as readers only. A resultant system topology of CoreStation combined with 10 units of BioStation A2 (fingerprint terminals), installed in server and operating rooms; along with 100 XPass units (intelligent RFID readers), installed in 14 stations of the Airport Railroad and a new security platform that Incheon Airport Railroad developed using BioStar 2 API software, offers a far more convenient control solution. In conclusion, this comprehensive solution led to enhance customer satisfaction.

KEY BENEFITS

1) Enhanced Security System

A Centralized Access Control System with CoreStation is capable to improve the security level as no user information and logs are stored in the edge reader installed front door. Bringing higher reliability.

2) Fast Processing Time

High quality and faster performance of CoreStation, BioStation A2, and XPass increase operational efficiency and user satisfaction.

3) Easy Operation

As integrating BioStar 2 into Incheon Airport Railroad HRM system by using BioStar 2 API software, provides a more efficient management system for administrators.



SYSTEM CONFIGURATION

