

# 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. Contributing to an efficient, effective, and fast transportation experience. The Airport Railroad has been recognized for the increasing number of passengers departing from Incheon Airport lately.



## FAST FACTS

### LOCATION

Airport Railroad, Incheon, Korea

### 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, Incheon Airport wanted a more reliable security solution. They were currently 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 the 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 controls now all user information and data logs, eliminating the concern of user and data information compromise, given that now the X-Station terminals act only as pure readers. 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, which, in conclusion, led to enhanced 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 saved in the edge reader installed front door. Bringing higher reliability.

### 2) Fast Processing Time

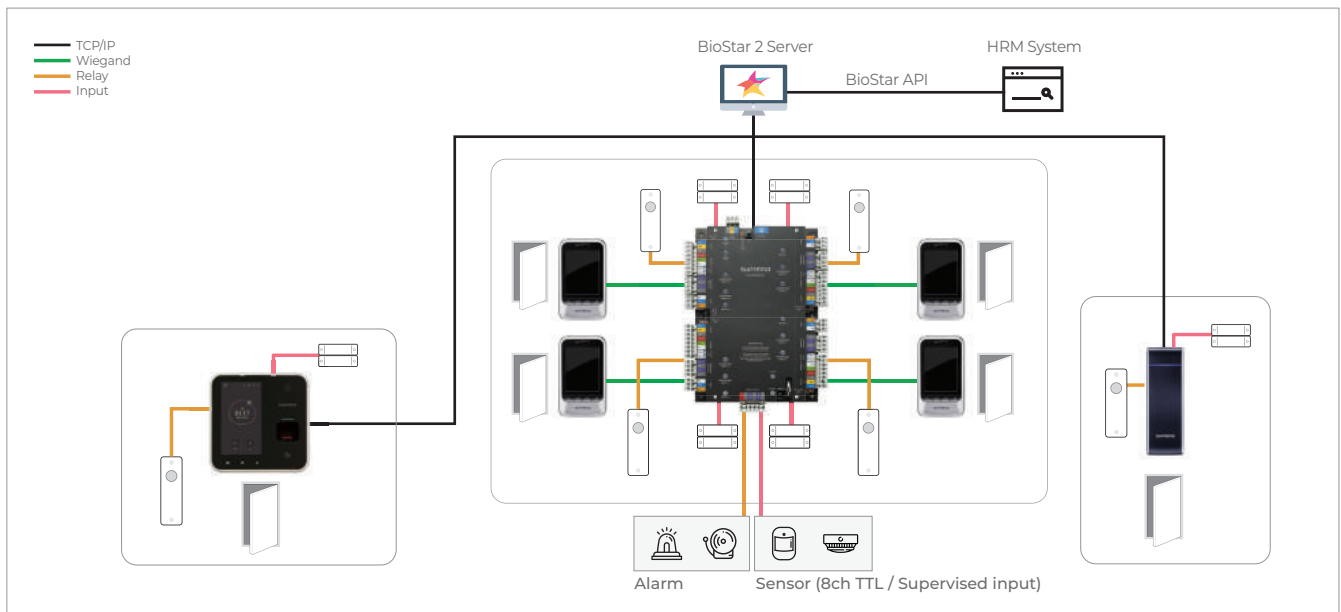
High quality and faster performance of CoreStation, BioStation A2, and XPass increases operational efficiency and user satisfaction.

### 3) Easy Operation

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



## SYSTEM CONFIGURATION



**CoreStation**  
Intelligent Biometric Controller

**BioStation A2**  
Fingerprint Time Attendance Terminal

**X-Station**  
Smart IP RFID Terminal