

# Krungthai Card Public Company Limited,

Tanabutr co., Ltd. / Thailand

## THE CUSTOMER

Krungthai Card Public Company Limited ("KTC") operations include credit cards, personal loans, utilities payment services, and also act as a payment service provider. KTC was registered as a legal entity on December 4th, 1996, with an authorized capital of 50 million Baht, and was transformed into a public limited company under the name of Krungthai Card Public Company Limited on July 2nd, 2002. The total authorized capital is now 1,000 million Baht with a total of 100 million shares. The company was listed in the Stock Exchange of Thailand on October 28th, 2002.



## FAST FACTS

### LOCATION

Krungthai Card Public Company Limited, Thailand

### YEAR OF COMPLETION

2018

### APPLICATION

Access Control  
Time & Attendance

### TECHNOLOGY

Control Panel, Fingerprint

### PROJECT SIZE

620 Employees

### SUPREMA PARTNER

Tanabutr co., Ltd., Thailand

### SOLUTIONS

CoreStation: 14EA  
BioEntry P2: 41EA  
BioEntry R2: 39EA  
BioMini: 1EA  
BioStar 2 Software

## THE CHALLENGE

For the last 10 years, KTC used different brands of fingerprint standalone devices. However, as biometric access control technology has improved. KTC wanted to upgrade its security headquarters' access control system. KTC required a centralized fingerprint system installed among two buildings where the Headquarters' offices are located. The software was required to be sophisticated enough, cloud or web-based, and yet have "ease" of usage and remain "scalable" for future upgrades.

## THE SOLUTION

Suprema's valued partner in Thailand, Tanabutr, replaced the entire system with our own biometric solution. KTC had several brands under consideration for this project. Suprema won the project because our hardware offers superior technology and performance, and as a bonus a sleek design that compliments the headquarter's offices well. Suprema's platform also fitted their billing and requirements perfectly. Suprema's BioEntry P2 (compact standalone fingerprint access control device), which features the fastest matching speed was installed along with BioEntry R2 (a dummy fingerprint reader). A combination of BioEntry P2 and BioEntry R2 were connected through RS485 to Suprema's CoreStation (Intelligent Biometric Access Control panel). The reason the previous topology was set to the default configuration was, first, to save IP addresses and LAN bandwidth because the site required many doors. Second, for redundancy, in case of a CoreStation failure. In case of any unforeseen event, the BioEntry R2 could be connected as slaves to BioEntry P2 devices and still have a fully working system. Altogether, the Biostar 2 Platform provided a comprehensive solution for Access Control and Time & Attendance, which highly improved KTC's operational efficiency.

## KEY BENEFITS

### 1) Secured and Convenient System

As implementing a centralized system with CoreStation, it results in having a far more secured access control system because no user information or log data are exposed. It also allows administrator to operate the system more conveniently.

### 2) Total Management Platform

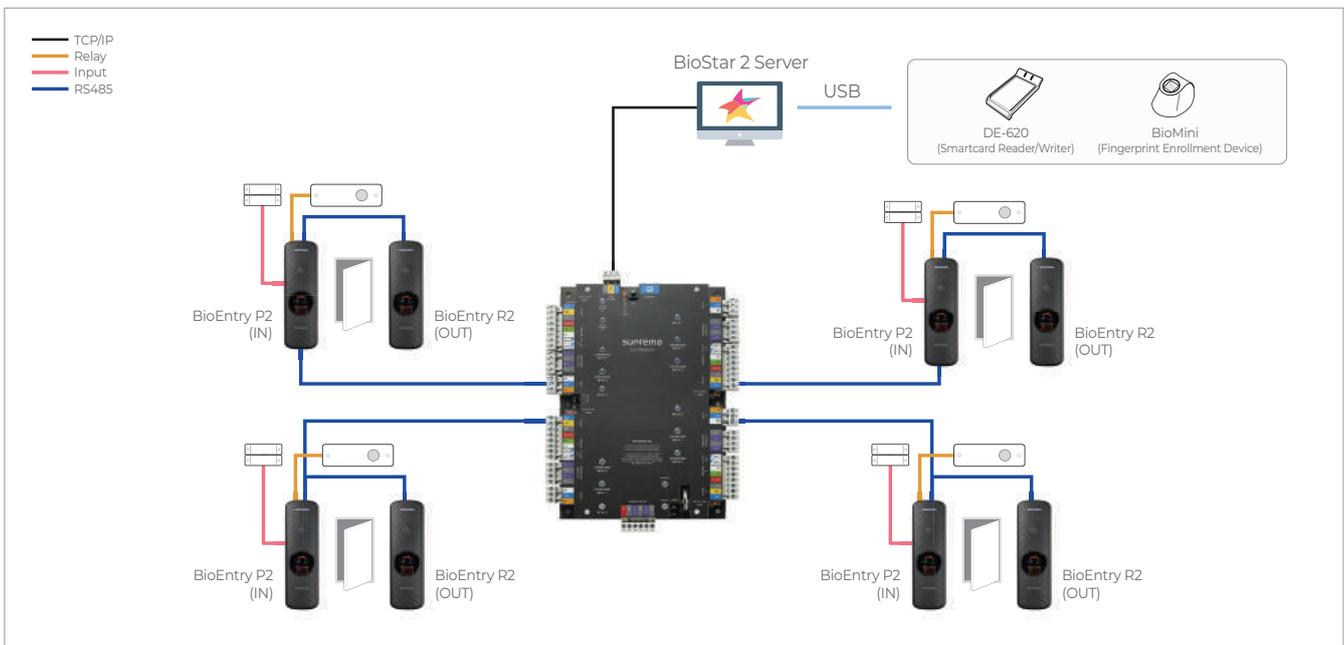
BioStar 2 Access Control and Time & Attendance software fully provides all access control features and manages the Time & Attendance solution.

### 3) Easy Installation

No additional Ethernet wiring is needed for fingerprint devices BioEntry P2 and BioEntry R2 so the solution can improve effectiveness of the workforce as well as reduce costs.



## SYSTEM CONFIGURATION



**CoreStation**  
Intelligent Biometric Controller

**BioEntry P2**  
Compact IP Fingerprint Device

**BioEntry R2**  
Compact Fingerprint Reader