

SUPREMA CASE STUDY



City Developments Limited

Hanman International Pte Ltd, / Singapore

THE CUSTOMER

City Developments Limited (CDL) is a leading global real estate operating company with a network spanning 103 locations in 29 countries and regions with seven companies listed on notable stock exchange in Singapore, London, New Zealand and Philippines. Listed on the Singapore Exchange, the Group is one of the largest companies by market capitalization. Since 1960, CDL is a well-known for its residential condominium development in Singapore. They are recognized for supplying diverse portfolio including of residences, offices, hotels, serviced apartments, integrated development and shopping malls.



FAST FACTS

LOCATION

City Developments Limited / Singapore, Singapore

YEAR OF COMPLETION

2018

APPLICATION

Access control

TECHNOLOGY

Control panel, Elevator panel, Fingerprint

PROJECT SIZE

500 Employees

SUPREMA PARTNER

Hanman International Pte Ltd, Singapore

SOLUTIONS

- CoreStation: 10EA
- OM-120: 28EA
- BioEntry W2: 48EA
- SIO2: 27EA
- BioStar 2 Software

THE CHALLENGE

IT department in CDL has the responsibility to provide a secure but user-friendly access control system to its employees. Access control points of building such as doors, turnstiles, parking gates and elevators were managed by RFID card readers card readers which can grant or deny access to employees. However CDL had deployed multiple card reader systems requiring employees to use different cards at different access points. This caused entry delays due to queues formed at various entry points. Additionally, as they were dealing with excessive number of cards, unnecessary administrative work and costs were incurred as when cards got lost, they had to get deleted and new cards were re-issued.

THE SOLUTION

Suprema's valued partner in Singapore, Hanman recommended to upgrade the entire system to Suprema's access control products to replace the use of cards to fingerprint biometrics. The system was centered around use of the CoreStation, Suprema's intelligent control panel. A total of 10 units of CoreStations were installed inside the main server room that was connected to 48 units of BioEntry W2 fingerprint readers. BioEntry W2's leading performance of 150,000 matches per second and IP67/IK09 compliant housing makes it suitable for all entrances and doors in any environment. In addition, OM-120, multiple output expansion module, are installed in 9 different lifts each with BioEntry W2 fingerprint readers to control access to different floors of the building. The entire system is operated seamlessly by Suprema BioStar 2 access control platform. The new system offered a solution that is far more convenient and secure over the previous RFID system which led to great customer satisfaction.

KEY BENEFITS

1) Easy to Use

Not having to carry cards greatly increases convenience for the employees. At the same time, use of fingerprint enhances security as use of biometrics makes sharing of credential impossible.

2) Faster Processing Time

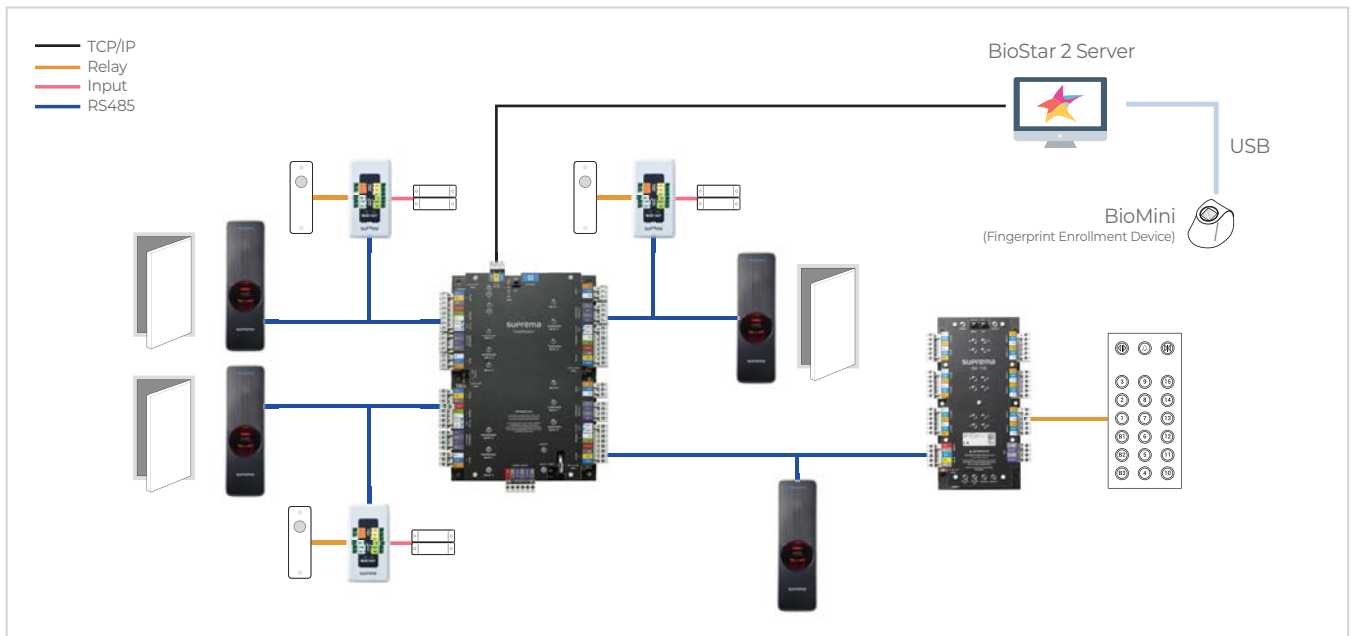
CoreStation's performance of 400,000 matches/sec and user capacity offers speeds that exceeds normal card readers.

3) Improved Security

No ethernet connection and data storage on BioEntry W2 readers improve overall security of the system and protection of employee data.



SYSTEM CONFIGURATION



CoreStation Intelligent Biometric Controller

BioEntry W2 Outdoor IP Fingerprint Device