

SUPREMA CASE STUDY

VIRU S.A.

DMS / Peru

THE CUSTOMER

Viru S.A is a global company, a leader in the agro-industrial sector and the largest producer of canned and frozen fine fruits and vegetables in Peru. For 25 years, Viru S.A have come a long way as the world's largest producer and exporter of agro-industrial products. They have an infrastructure designed to effectively meet the demands of their customers whilst cultivating high quality vegetables, fruits and plants in more than 9,600 hectares. Its productivity is developed in 6 industrial plants, located in the valleys of Viru and Chincha on the Peruvian coast, which have modern systems of analysis and quality control for their products.



FAST FACTS

LOCATION

VIRU S.A, Peru

YEAR OF COMPLETION

2018

APPLICATION

Access control

TECHNOLOGY

Control panel
Barcode reader
BioStar2 API

PROJECT SIZE

4,500 Employees

SUPREMA PARTNER

DMS, Peru

SOLUTIONS

CoreStation: 4EA
DM-20: 4EA
Zebra DS457: 18EA

THE CHALLENGE

Viru S.A used RFID card reader system but needed to replace to barcode reader which can read national identity document printed as bar code because the national identity document was taken into account as user's identification. In addition, the barcode reader needed be used as access control reader where the system granted or denied access to user when the barcode is scanned.



THE SOLUTION

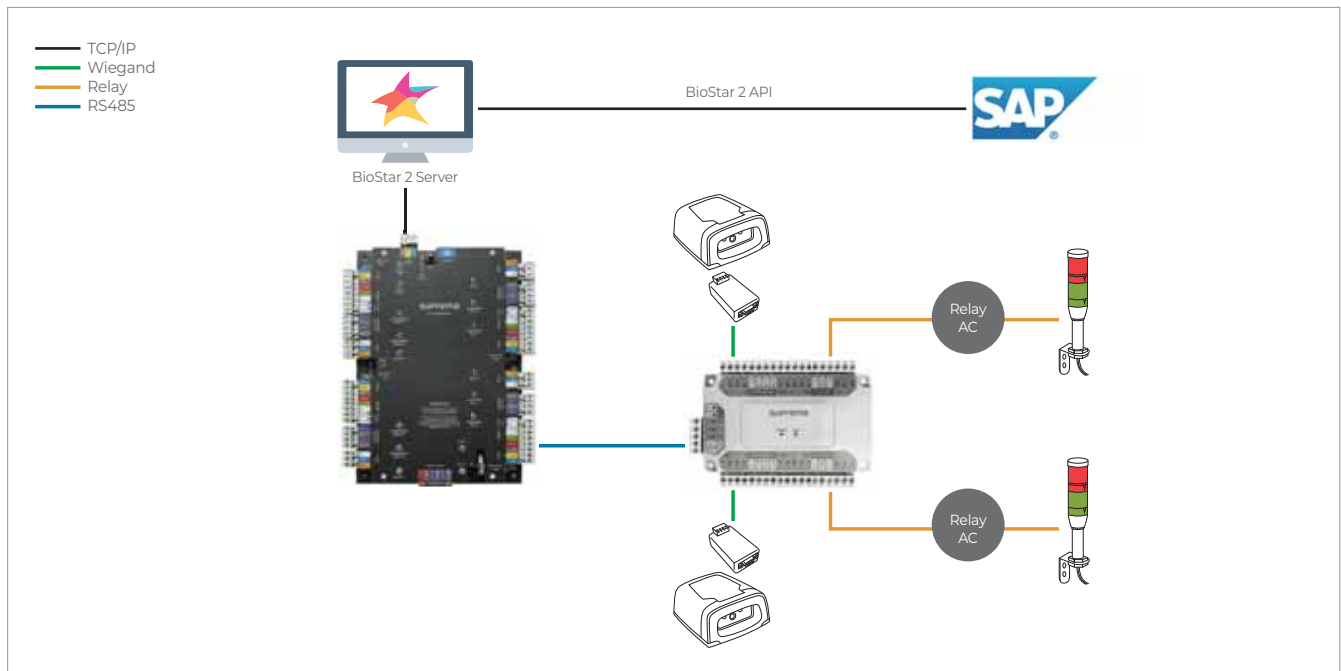
Suprema's valued partner in Peru, DMS suggested the solution designed as centralized access control which allows handling of a large number of users and third party readers to be integrated. The system was designed with CoreStation as the main controller, DM-20 Door Modules to add control points, RS232 to Wiegand 42 data converters and Zebra Technologies DS457 readers. To facilitate visual control, column-type light indicators were added, with green and red color indicators. BioStar 2 API was used for integration with customer's system. The integration consists of a middleware developed by DMS that takes advantage of the BioStar 2 API to integrate the staff control system with the customer management system (SAP).

KEY BENEFITS

Implementing a centralized system with CoreStation, results in having a more secured and stable access control solution. CoreStation's capacity of handling the number of users and access granted speed increased the optimization of time in the control of entry and exit of users. By sending access control data in real time to the customer management system, it provides a more efficient management process for administrators. Lastly, by having barcode readers it has resulted in the reduction of the issuance of identification for users.



SYSTEM CONFIGURATION



CoreStation Intelligent Biometric Controller

DM-20 Secure Multi Door I/O Module

Suprema
BIOMETRICS & SECURITY

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