

Carrasco International Terminal - Cargo Terminal



BOSCH
Invented for life

Industry:

Transportation

End User:

Carrasco International Airport

Carrasco General Cesáreo L. Berisso International Airport is the largest airport in Uruguay. The Carrasco International Airport serves more than 1,500,000 passengers each year, and by 2010 it is projected to serve more than 2,800,000 passengers. In February 2007 construction began on a brand new, modern, US\$ 134 million costing terminal. This new terminal building will have four jetways, separate floors for arrivals and departures and a large viewing area on the top floor.

Business Objective:

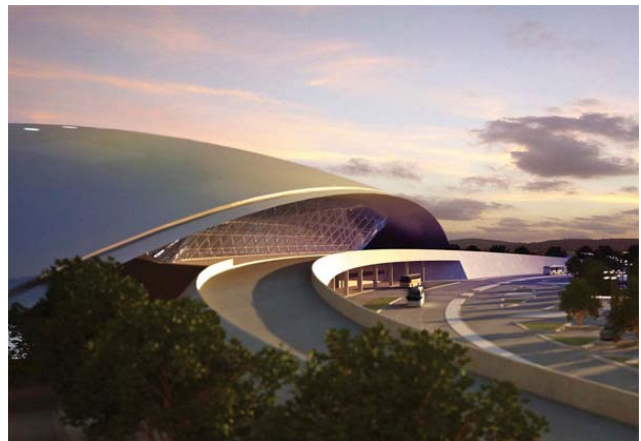
The main objective of this project was to ensure a high standard of security in the entire terminal. During the planning process it was revealed that access control and early smoke detection played a key role regarding the security in the airport. The initiative for the new terminal construction came from the Uruguayan ministry of transport due to the increasing demand of services in the cargo business.

Solution:

The planners searched for the most adequate choice from a technical point of view while at the same time not exceeding the budget. Bosch achieved that balance because of the diversity and the modularity of the systems. Regarding the fire system, an addressable algorithmic FPA 5000 fire panel was installed with more than 300 optic detectors and 14 lineal photoelectric barriers D296 for the smoke detection in wide spaces.

In order to visualize images a CCTV system composed of 45 cameras Dinion LTC0455 with IP video encoders and VIPX1600 was installed. The complete system is managed by the video management software Videos.

In addition a BIS platform with more than 10 readers was installed to maintain an effective access control. The Building Integration System (BIS) connects all data and systems. From security and access control to facility operating equipment and video management, it is an easy-to-use solution. The system is designed to guarantee flexible, effective security and building management.



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Result:

The project started in May 2008 and was divided into two stages. The first stage was finished in November 2008 and the second one is still in progress. Bosch products were selected for its modular design which allows the system to expand according to the clients requirements. The systems facilitate the access of personnel and passengers and watch over movements of freight and employees inside.

For more information, please visit <http://www.aic.com.uy/>

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