

Carrasco International Airport / Cargo Terminal



BOSCH

Invented for life

Industry:

Transportation

End User:

Carrasco International Airport / Cargo Terminal

Carrasco General Cesáreo L. Berisso International Airport is the largest airport in Uruguay. It is located in the north of Ciudad de la Costa in the Canelones department, in close proximity to (and east of) the capital city of Montevideo. 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 2003, the government transferred the administration, operation and maintenance of the airport to a private investment group. On 3 February 2007 construction began on a brand new, modern, US \$134 million dollar terminal that will be located parallel to Runway 06/24. The new terminal is scheduled to open in the second semester of 2009 and will replace the current terminal. A new US \$ 7 million dollar cargo terminal is also being constructed.

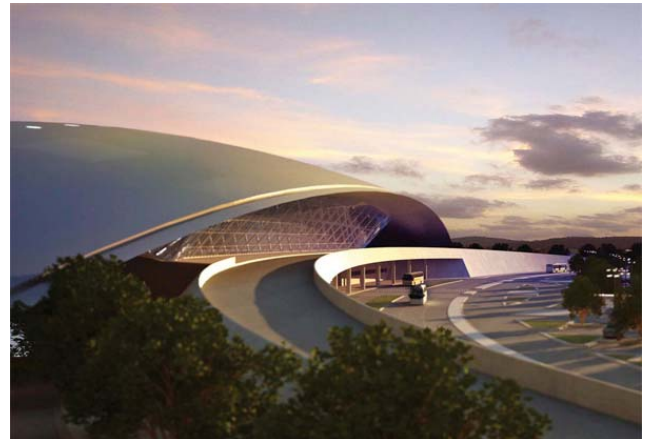
Business Objective:

Considering the project magnitude and the intense freight traffic, it was necessary to ensure the security in the entire cargo terminal. During the project planning access control, monitoring of people and resources as well as early smoke detection were key aspects taken into consideration. The initiative for the new terminal construction came from the Uruguayan state and it was due to the increasing demand of services in the cargo Terminal.

Solution:

ISAI looked for the most adequate option from the technical point of view and at the same time it had to be an economical solution. Bosch achieved the exact 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.

For the image visualization, the installation of a CCTV system composed of 45 cameras Dinion LTC0455 with IP video encoders or VIPX1600 was considered to be necessary. The complete system is managed by the video management software Vidos.



New Terminal of the International Airport Carrasco

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.

Result:

The project started in May 2008 and was divided in two stages. The first one finished in November 2008 and the second one is still in process. Bosch products were selected for its modular design which allows the system to expand according to the clients requirements. The systems facilitate the personnel and passengers access and controlling the movement of resources and people inside the building.

The total investment for this project was 7 million dollars and funds were contributed by private companies.

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

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