



# CLIENT CASE STUDY

## Charleroi Airport boosts throughput with equipment from Automatic Systems

### SUMMARY

#### Company

Brussels South Charleroi Airport (BSCA)

#### Location

Charleroi, Belgium

#### Industry

Public Transport

#### Challenge

- *Securing the airport's access and optimize traffic flow*
- *Reduction of maintenance costs*

#### Solution

- *Installation of high-security barriers and roadblockers to secure the car parks and the perimeter of the airport*
- *Installation of security entrance lanes to simplify the control operations*
- *Equipment maintenance contract*

Brussels South Charleroi Airport (BSCA) and Automatic Systems have worked together for some time, and that fruitful relationship looks set to continue. All of Automatic Systems business segments including pedestrian, passenger, vehicle and high security can be found at this airport. Pierre Deroubaix, Maintenance and Infrastructure Manager at Charleroi Airport today noted his keenness to harmonise the equipment on site by collaborating with Automatic Systems. He also highlighted the reliability of the company's products and the quality of its services.

### The challenge

Since its launch in 1991, BSCA has enjoyed an extensive expansion in both infrastructure and passengers. Because of the nature of its activities, Charleroi Airport which occupies around 270 hectares, is highly focused on securing access for its passengers and boosting throughput. Today the airport welcomes more than eight million passengers a year, with peaks of 15,000 passengers daily in the summer. This does not include the frequent entry and exit of staff working on shifts. To ensure the optimal throughput of passengers and staff, as well as their security and the protection of infrastructure, the airport has to rely on tried-and-trusted products as well as a reliable local service that minimises any delays in the event of a response.



Access controlled...  
Future secured



RSBM50 – Roadblocker  
BL 44 – Security barrier

## A LIFE-SIZED TEST LAB

Automatic Systems’ range of products meets all the airport’s needs in terms of security, automation and smooth passage. Equipment comprises BL4x vehicle barriers with or without a retractable bollard, SlimLane access entry lanes, and tripod turnstiles. Thanks to the SlimLane fitted with a boarding card reader staff are freed, with some exceptions, from checking passenger documents. The RSBM50 and BL 44 barriers enable the airport’s perimeter to be secured, preventing terrorist attacks. The RSB can for example stop a 7.5 tonne vehicle travelling at 80 km/h. Just recently Automatic Systems lengthened the PAS761 exit-only doors installed at the international airport’s exit so as to enhance detection.



Exit-only gateways

The airport’s collaboration with Automatic Systems started in the early 2000s. At that time Automatic Systems installed a prototype door fitted with detectors to carry out real-life tests, as the airport was building an arrivals hall and required an exit-only gateway. There was no such solution available then on the market and the airport therefore served as a test lab. A year later, Automatic Systems launched a finished product, used for what would become the airport’s terminal T1.

The BSCA recently took over direct responsibility for the car park management. With the aim of harmonising its equipment, the airport has fitted Automatic Systems’ BL 229 barriers in the taxi parking area and in the new P4 car park which has only been in service since September 2018. Automatic Systems celebrates its 50th anniversary this year, however 2019 will also see the continuation of a long collaboration between its two ‘Made in BELGIUM’ companies.

“An absolute priority for us is security for people and infrastructure, as well as smooth operations. I keep in close contact with other airports, and I participate in many trade fairs on security. We even called on a consultancy for advice and to define risk thresholds. We decided to collaborate further with Automatic Systems, since the ability to harmonise our site by using reliable equipment ensures security while reducing the costs of maintenance and staff training. Moreover, our global service contract for the entire perimeter ensures that any of our response times are very short, something that our competitors cannot always offer”. **Pierre Deroubaix, Maintenance & Infrastructure Manager.**

### About BSCA

The company Brussels South Charleroi Airport SA was founded in 1991. Brussels South Charleroi Airport is one of two airports serving the city of Brussels. Brussels South Charleroi Airport is home to eight partner airlines, namely Ryanair, Wizz Air, Pegasus Airlines, TUI fly, Air Corsica, Belavia, Air Belgium and Air Algérie. In 2018, more than eight million passengers passed through Brussels South Charleroi Airport heading to 190 destinations across Europe, North Africa, the Middle East and Asia. The airport created 750 jobs and over 3,000 people work on the site.

For further information: [www.brussels-charleroi-airport.com](http://www.brussels-charleroi-airport.com)