



Kabelwerk

**EUPEN** AG

cable



# Baggage Handling at YUL Airport

Eupen delivers WLAN optimised radiating cables for Baggage Handling System at Montreal's Pierre-Elliott-Trudeau airport



**Customer** BEUMER Group GmbH & Co. KG

**Situation** Shorter and shorter stopover and transfer times require reliable and fast baggage handling especially at peak times. At the Montreal airport the system is directly tied in with various phases of security checks. Each individual piece of baggage can be uniquely linked to a BEUMER autocar® and a passenger at any time. Any discrete bag, which is deposited in the early bag storage system by the BEUMER autocar®, is not released and transported to its final destination until a passenger and that passenger's corresponding baggage have been identified as "secure".

**Challenges** To allow efficient wireless communication between the autocar® vehicles and the central processing unit and minimise the interference from and to other Wireless users in the vicinity, the Beumer autocar® system required a very short distance between the Radiating Cable and the Aerials of the vehicles.

## Solution

To achieve this high degree of availability and autonomy, the Beumer autocar® system relies on Eupen Radiating Cables to provide the required fast RF-communication needed for the operation of the BEUMER autocar®. The system combines the conveying, buffering and sorting of baggage at high reliability and speeds up to 10 m/s. Supervised by the management information computer and linked wireless via an Eupen Radiating Cable, installed directly into a customised and integrated fixing in the Rail, the BEUMER autocar® is capable of finding its path autonomously through the system by means of the on-board route manager.

## Contact

Kabelwerk Eupen AG  
Malmedyer Str. 9  
B-4700 EUPEN  
Belgium

Tel:- +32 87 59 70 00  
Fax:- +32 87 59 70 60

Email: [rf\\_products@eupen.com](mailto:rf_products@eupen.com)  
Website: [www.eupen.com](http://www.eupen.com)



Kabelwerk

**EUPEN** AG

cable