



**ESSENSIUM**



## NEWS RELEASE

**ESSENSIUM signs a contract with Flightcare and POM Vlaams-Brabant for track and trace of vehicles at Brussels National Airport.**

**Brussels, Jan 17, 2011 – Selected from a tender initiative of POM Vlaams-Brabant (the Provincial development authority of Flemish-Brabant), ESSENSIUM is providing Flightcare with a track and trace solution for its fleet management of Ground Support Equipment (GSE) at Brussels National Airport. This technology will enable Flightcare to optimize their GSE usage but also improve safety and reduce fuel and maintenance costs.**

Director Purchases & Support Services Geert Oliebos at Flightcare explained: *“Accurate and timely position and status info of airplane nose wheel lifters will improve our reaction to changing flight schedules and gate assignments and will enable dynamic dispatching control for optimum service levels.”* Airport Infrastructure Manager, Geert Roegiers, added: *“We also anticipate significant fuel cost savings and carbon footprint reduction by detecting and reducing engine idle time.”*



Essensium’s LOST™ (LOcation for Sensor Tracking) solution uses a Wide-over-Narrowband RF implementation providing both high accuracy and long range, and operating both indoors and outdoors. Integrated GPS capabilities ensure location tracking across the wider airfield, while the higher performance LOST™ tracking capabilities are used for key areas where there is no adequate GPS coverage.

Stephen Dunphy, Director Sales and Marketing at Essensium, highlighted: *“This project is a unique opportunity to prove our combined technology offering in an important market segment with similar applications worldwide. Sensor and CAN-bus connections mean that, along with accurate information about the position of the vehicles, we also report key vehicle status information, essential for effective fleet management.”*

This installation is supported by POM Vlaams-Brabant, following a competitive tender to identify projects benefiting innovation in the Logistics Industry in the region. Jacques Devos, Logistics Manager at POM Vlaams-Brabant commented: *“This project is a prototype of how innovative technologies create new opportunities in logistic processes. With this implementation of ‘smart logistics’, Flemish-Brabant/Flanders demonstrates to be a top region for logistics.”*

## About Essensium NV

Essensium is an Imec Spin-off specialized in low power wireless and embedded software and hardware solutions. Starting as a fabless semiconductor company, combining expertise in custom silicon design for portable, wireless, and low power applications, along with a strong embedded software division, Essensium provides System-On-Chip products and design services to original equipment manufacturers, design houses, and ASSP suppliers. Gradually it also developed its own patented Real Time Location System (RTLS) platform that is unique for its high accuracy, long range and extreme low power. This platform targets various logistics applications as well as people tracking in hospitals and secured environments. . For more information on Essensium, please visit <http://www.essensium.com>.

## About Flightcare Belgium

Flightcare Belgium guarantees the handling of two thirds of the flights at Brussels Airport and is also active at the airports of Ostend and Liege.

Flightcare Belgium stands out in airport handling. It offers a large pallet of services (check-in, boarding, baggage handling, cabin dressing – & cleaning, airfreight) and they employ more than 1500 staff.

Flightcare Belgium executes the handling for more than 30 airlines, which means more than 10 million passengers and 180.000 tons of cargo a year.

Flightcare Belgium is the daughter of FCC, a Spanish international construction and services group listed on the Madrid stock exchange. FCC employs more than 90.000 staff worldwide.

<http://www.flightcare.be>

## About POM VlaamsBrabant

The POM Vlaams-Brabant is the Provincial Development Authority for the Flemish Province Flemish-Brabant. It is the task of the POM Vlaams-Brabant to assist the Province in developing a sustainable socio-economic policy by implementing and supporting projects of industrial infrastructure and regional economic enhancement. One of the tasks is to start or to participate in projects that make Flanders and especially the province Flemish-Brabant a center of "smart logistics".

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