



Press release

***arosa* – airport performance and monitoring system (APMS)**

Braunschweig / Germany, 12th August 2009 – *arosa* is a generic system designed by Fraport AG together with *delair* Air Traffic Systems GmbH in order to manage and analyse the airport capacity. The complete turn-around process including arrival and departure is taken into consideration holistically in order to guarantee an optimal use of the total capacity.

Based on defined milestones a target-performance comparison is carried through continually for each process phase. Furthermore, prognoses regarding traffic development are calculated. Deviations or expected deviations are indicated to the users via intuitively applicable web frontends.

Basically, *arosa* consists of two components:

- *arosa capman* provides quantitative values about the capacity of an airport, demand, punctuality and proposals for the operative concept. Its objective is to optimise the use of capacity, to open unexploited capacity reserves and to improve punctuality. The set observation delivers information regarding the possible number of movements in a time range which are then allocated to specific flights by *ataman*.
- *arosa ataman* analyses the phases of the so-called air-to-air process, determines target times and synchronises them with actual times. Considering arrival, departure and taxi costs and the available capacity the flights are allocated to the applicable runways. The results are continuously updated to the current data.

Due to the immediate analysis and control of ground movements *arosa* allows for an always up-to-date evaluation and, thus, for an optimum use of airport capacity.

arosa was successfully tested during a first trial phase at Frankfurt International Airport. A second trial phase is scheduled for October 2009.

About Fraport:

Fraport AG is a leading international Group in the airport business sector and operates Frankfurt Airport which is one of the major air traffic hubs in the world.

In regard to the passenger count in 2008 (October 2008), Frankfurt Airport was ranked third in Europe behind London-Heathrow and Paris Charles de Gaulle. In the cargo sector Frankfurt Airport was ranked first in Europe. Frankfurt Airport serviced a total of 53.5 million passengers in 2008.

In 2008, the Fraport Group generated € 2.1 billion revenue and Group profits of € 180 million.

About delair:

delair Air Traffic Systems GmbH was founded in 1997 at the research airport Braunschweig. *delair* develops systems to optimise processes of air traffic control, airport operators, airlines, and handling agents. The products of *delair* are in operation at the International Airports Zurich and Frankfurt where they are clearly reducing costs and improving airport processes.

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