

Stockholm, 27 October 2010

## Si ATM to Upgrade Air Traffic Management System in Riga

Following previous successful cooperation, Si ATM has in October 2010 signed a contract with LGS, Latvia, for modernization of the Latvian air traffic management system.

The main components in the two years project are:

- Replacement of all hardware and stepwise migration from IBM's operating system AIX to Linux.
- Development of an advanced arrival manager function including automatic advisories for speed control, vectoring, holdings and orbits.
- Implement changes according to amendment 1 to Procedures for Air Navigation Services, Air Traffic Management, ICAO Document 4444, i.e. the new flight plan format.
- Gradually migrate Eurocontrol OLDI from X.25 to the new Eurocontrol Flight Message Transfer Protocol (TCP/IP) procedures.
- Expand to full OLDI according to version 4.1 of the Eurocontrol specification and connect to all neighbors.
- Implement full support of Eurocontrol's ATS Data Exchange Presentation format for flight data.
- Utilization of Mode-S, both elementary and enhanced data.
- Integration of wide area multilateration information in the Multi Sensor Tracker (MST).
- Support for Eurocontrol's Aeronautical Information Exchange Model format in handling of adaptation data and maps.
- Additional workstations, and
- about 25 other minor functionality changes.

The project also includes prototyping of new working procedures and human-machine-interface for the tower and ground controllers to be implemented in the previously delivered tower simulator.

## About Si ATM

Si ATM AB is an Air Traffic Management System Integration company with 30 years of experience in installation of operational systems and simulators to Air Navigation Service Providers, Training Institutes, and other aviation organisations throughout the world.

Si ATM is located in Sundbyberg, which is close to Stockholm in Sweden. The company has specialised in development of highly advanced technology for Tower, Approach, and Area Control Centres, integrated into variety of other systems.



# Press Release

The company's main achievements are the maintenance of the Moscow ACC operating system, which went operational in 1981. State of the art technology based on Eurocontrol requirements has been implemented in 1996 in Riga, Latvia, and in 2004 in Bahrain, Middle East.

Si ATM is known for its high quality and low risk integration of ATM systems. Flexibility and low cost maintenance solutions distinguish the company in the competitive market of Air Traffic Management.