



460 VEHICLES
OF AEROFLOT
ARE EQUIPPED WITH OMNICOMM SOLUTIONS

30% REDUCTION
OF FUEL EXPENSES

3-4 MONTHS
PAY-OFF
PERIOD



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AEROFLOT
 *Russian Airlines*

OMN i COMM
fuel consumption control
for fleet management systems



Aeroflot, JSC – a member of Sky Team global airline alliance – is known as one of the quality air carriers in Eastern Europe. High level of air transportation services is maintained due to thorough attention to quality.



AEROFLOT CHOOSES OMNICOMM FLEET MANAGEMENT SYSTEM

One of the main parameters of excellence is continuous and reliable operation of all services and departments of the company. After conducting a study of up-to-date methods to optimize transportation expenses Aeroflot specialists identified the priority direction for optimization – i.e. reduction of fuel consumption at Sheremetyevo international airport.

Expenses for fuel consumption are the main costs for any company having a fleet of vehicles, the airport being no exception. After market survey and analysis of similar systems JSC “Aeroflot” chose Omnicomm system which complied with all the requirements for fleet management.

One of the main advantages of this very project was the opportunity to integrate high-accuracy fuel data into Aeroflot unified information center. This option allowed the airline company to receive a qualitatively

different instrument for managing its business processes.

AEROFLOT TOP MANAGEMENT IDENTIFIED THE PROCESSES FOR FLEET OPTIMIZATION:

- Fuel monitoring and metering;
- Navigation and dispatching system for transport monitoring;
- Implementation of automated security management, quality of service and maintenance costs of transport;
- Integration of vehicle monitoring system with ERP-system SAP.

WHY OMNICOMM

Smooth functioning of airport ground services depends on performance of fleet at the airfield.

Aeroflot sets high requirements to vehicle monitoring systems and control engineering which include:

- Online tracking equipment on the airfield;

- Control of personnel;
- Detailed monitoring of the fleet;
- Efficient use of technology on the airfield;
- Monitoring equipment downtime with engine running.

ADDITIONAL ARGUMENTS IN FAVOR OF OMNICOMM SYSTEM

- Single developer of solutions, manufacturer and supplier of equipment;
- High-quality service;
- Experience in aviation enterprises;
- The company had successful experience in implementing similar systems at Pulkovo airport in St. Petersburg, Kurumoch airport in Samara, as well as at the airports of Surgut, Tyumen, Minsk and Khanty-Mansiysk. Unlike different systems presented in the market, Omnicomm sensors provide high accuracy data on expenditure levels, gas stations and fuel discharges, thereby increasing fleet efficiency and preventing fraud of enterprise resources.



OMNICOMM SOLUTIONS ALLOWED REACHING SEVERAL OBJECTIVES:

- Responsibility and discipline of personnel working on airfield increased while the risk of incidents, misuse of equipment and emergency situations decreased significantly;
- Reduction of fuel purchases and total elimination of fuel fraud. Reduction of mileage and parts procurement;
- Sizable decrease of maintenance



OMNICOMM SYSTEM REPORTS SHOW: AEROFLOT SAVES **SEVERAL HUNDRED MILLION RUBLES** A MONTH

expenses. With Omnicomm system it became possible to calculate real fuel consumption per operating hours. Thus, an opportunity to review fleet exploitation resources appeared. It allowed cutting costs for maintenance measurably. To illustrate, in 2013 Aeroflot new equipment annual procurement program got reduced by several hundred million of rubles;

- Possibility of integration with other systems. Omnicomm system was successfully integrated with Aeroflot unified information center which allowed the airline company getting a new instrument for managing business processes. Besides, taking into account the specific customer needs, Omnicomm created more convenient report formats.



MR. ANDREW NIKULIN

Director of ground transportation department at Aeroflot:

“Fuel level monitoring and metering system indeed can bring tangible economic benefits. During annual budgeting process the plan for purchasing machinery and spare parts was adjusted significantly, since it was possible to see a real need for the number of units, systematically distributing the load between available reserves. Our priorities are not only focused on fighting abuses, but on achieving a comprehensive optimization of the vehicle fleet as well. In severe weather conditions, during ice storms and strong winds, when mission control center can’t even spot the yellow flashing lights of our vehicles – our planes land”.

SPECIFIC RESULTS:

- Dead cycle time of ground transportation at the airfield of Sheremetyevo airport eliminated;
- Frequency of refills optimized. During installation it became clear that the equipment needed refill no more than once a week;
- Incentive program for Sheremetyevo airport terminal services personnel, aimed at increasing the economic efficiency

of driving, was revised and completely rearranged;

- In harsh weather conditions the performance capabilities of Omnicomm monitoring system allowed securing and providing uninterrupted airline transportation services. In addition to economic efficiency the system features enabled equipment to work and ensured the process in adverse tough weather conditions, such as ice storms.

FIGURES OF EFFICIENCY

Over 460 Aeroflot vehicles are equipped with Omnicomm fuel level sensors. The ongoing partnership also includes training of the company’s personnel and installation of dispatching programs. By present Omnicomm LLS fuel level sensors have allowed Aeroflot to reduce fuel expenses by 30% with pay-off period of 3-4 months and save investments twice as much in this short term.



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