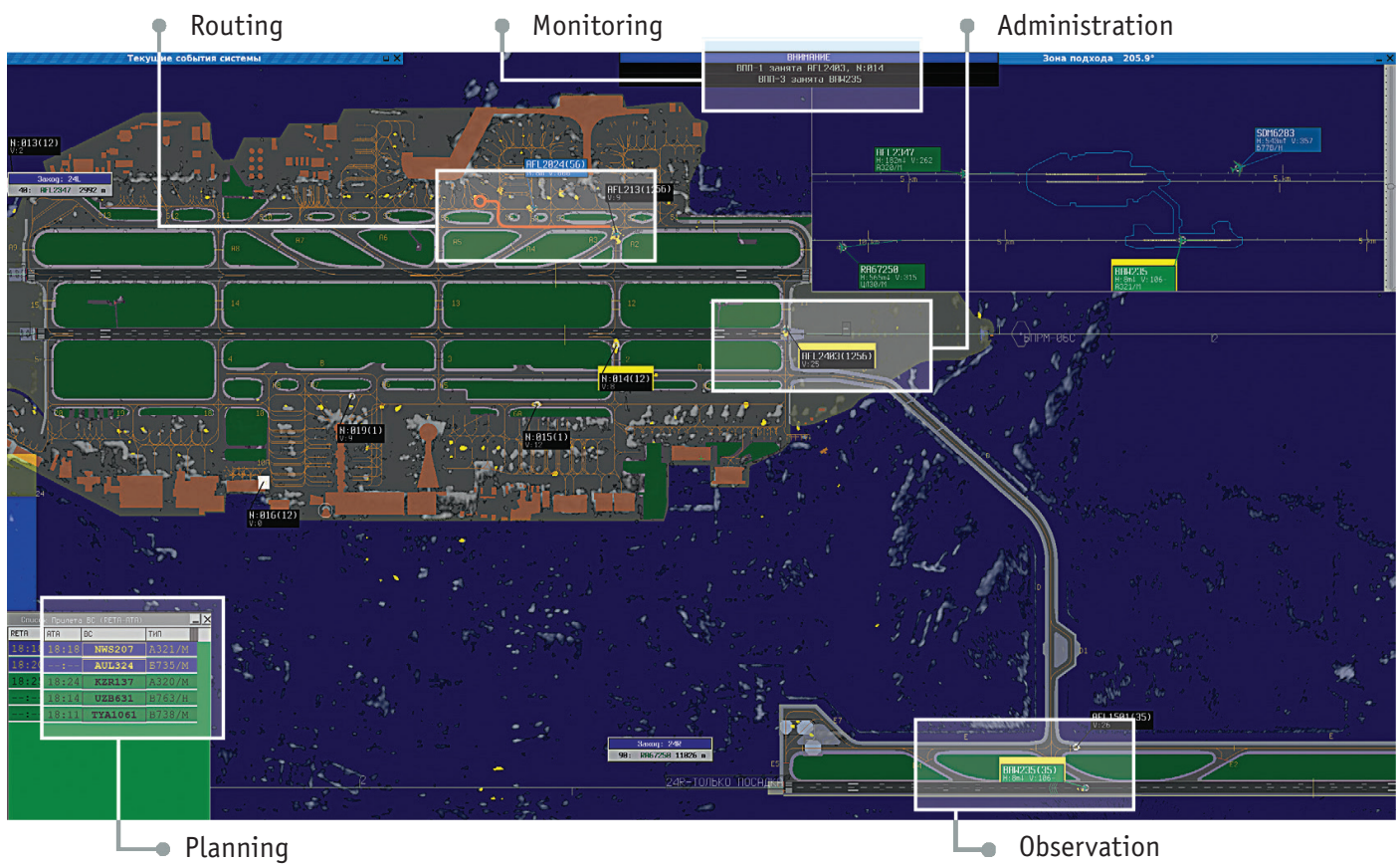


A-SMGCS SYSTEM "VEGA"

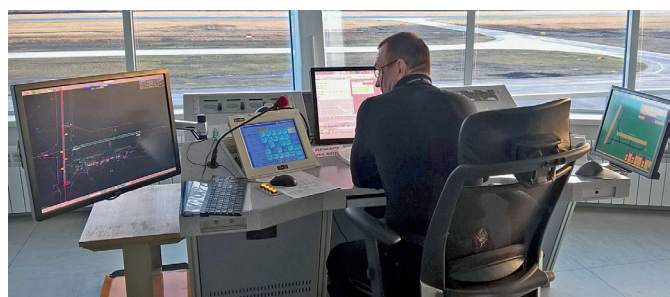
Advanced Surface Monitoring and Ground Control System (A-SMGCS) "VEGA" is intended to provide the controllers' staff with credible information on location in aerodrome movement area and identification of aircraft, transportation vehicles and other objects of surveillance, for monitoring of access to the runway and occupancy thereof, for maintaining aerodrome capacity, also in conditions of limited visibility, with ensuring thereat the level of aerodrome traffic safety required.

CAF generates unified information model basing on data obtaining from all available dependent and independent surveillance sources: SMR, PSR/SSR, MLAT, ADS-B, ATC system, RCMS LEC system, AODB, Meteo, Universal Coordinated Time Server.



ADVANTAGES

- » compliance with the standards of ICAO, Eurocontrol and Russian Federal Standards;
- » interface and fusion of data from any sources of dependent and independent surveillance;
- » adaptation to individual peculiarities of the each airport;
- » high reliability;
- » expansion of computing aids basing on modular principle.



SPECIFICATIONS

Number of workstations	up to 9
Number of objects tracked	up to 1000
Delay of data output from the moment of its arrival at the input of the system	not more than 0.5 s
Operation mode	24 / 7
Time of data continuous recording	30 days

GEOGRAPHY OF "VEGA" A-SMGCS SYSTEM:

30
Airports equipped

Including:
 Moscow – Sheremetyevo
 Moscow – Vnukovo
 St. Petersburg – Pulkovo
 Adler – Sochi
 Novosibirsk – Tolmachevo

Providing the controllers with credible consolidated data concerning location and movement parameters of the objects on aerodrome movement surface ensures automation of the functions of surface movement surveillance and monitoring, identification of unauthorized objects and movements thereof, generation of alarms and warnings of potential conflicts, generation of conflict resolution recommendations, solving of other information and calculation tasks, which are necessary to be solved for ensuring safety of traffic in aerodrome zone at high traffic intensity.

CERTIFICATES



IAC certificate № 492 dated 09/09/2009

41 Vereyskaya str., 121471,
 Moscow, Russia
 Tel.: +7 (495) 276-29-75
 E-mail: antey@almaz-antey.ru
 www.almaz-antey.ru

16-80, Leningradsky Prospect,
 Moscow, Russia, 125190
 Tel.: +7 (499) 940-02-22,
 Fax: +7 (499) 940-09-99
 E-mail: info@raspletin.com
 www.raspletin.com