

LADOGA

DATA DISTRIBUTION SYSTEM

LADOGA system is designed for acquisition, processing, and transmission of data derived from radars, direction finders, and transceiver centers on communication lines to ATC centers, and for data exchange between ATC centers.

LADOGA Data Distribution System modification — Information Server (LADOGA-IS) is the node of wide-area data distribution network including:

- surveillance data (radars, MLAT, ADS) and sources diagnostics information
- direction finding, flight plan, and weather information
- voice and awareness (ground and airborne communication) information
- AFTN/AMHS messages

FUNCTIONALITIES

For the purpose of digital radar data processing the information server provides:

- trajectory processing of radar data derived from each source (channel), and delivery of plot and/or track data to the consumers;
- multi-radar (multi-sensor) processing of positioning information with limitation of possible aircraft flight dynamics.

The system provides data delivery to both local and remote ATC systems, as well as integration of remote ATC systems.

