

# NORD

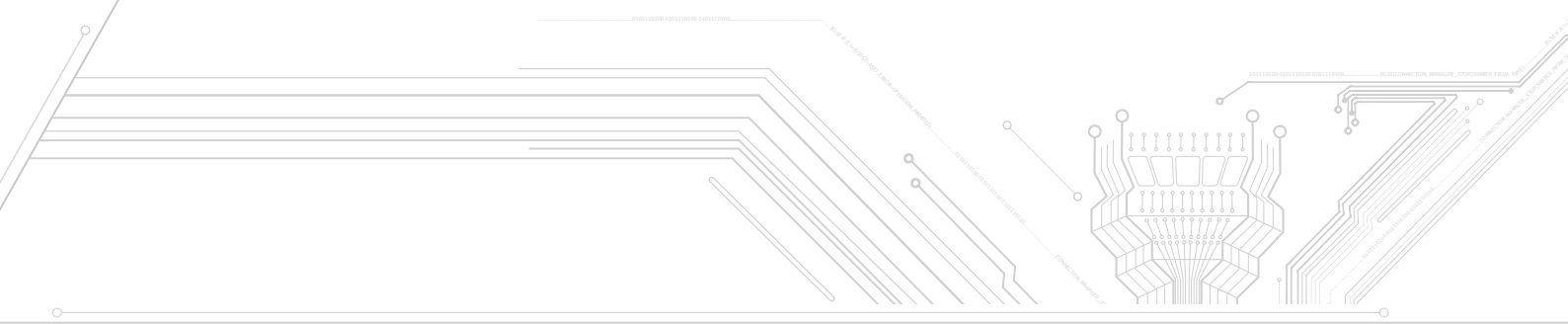
## DATA DISPLAY SYSTEM

NORD system is intended to receive, process, and display air traffic situation data in terminal areas and en-route at low and medium air traffic intensity, including in mobile Towers.

### FUNCTIONALITIES

The system is used to support ATC procedures on sites without ATC systems installed:

- Receipt, processing and display of air traffic situation data received from surveillance systems
- Display of air navigation data, maps, azimuth and range grids, geographic graticule
- Receipt, distribution to workstations, and display of flight plan data
- Weather data receipt and display
- 4D trajectories calculation
- Safety Nets:
  - warning on predicted and actual descent below minimum safe altitude (MSAW)
  - warning on predicted and actual safe separation thresholds (SSA)
  - warning on predicted and actual restricted areas approach and hazardous weather (APW)
  - short-term conflicts alert (STCA)
  - assigned route and altitude deviation alert
  - control of fights in RVSM airspace
- Displaying air traffic situation in additional windows: vertical aid windows, ILS monitoring windows
- Additional service functions (notebook, special calculator, notification of events on a preset time basis, etc.)



- STRUCTURE**
- Servers
  - LAN equipment
  - Workstations
  - Technical control and monitoring workstation (optional)

