Outstanding features:

High modularity, open system architecture, portability, advanced object-oriented technology provide for:

- ✓ Competitive price/performance ratio
- ✓ Low life cycle costs
- ✓ Maximum efficiency at minimum cost through utilization of a customer existing equipment
- ✓ Customer tailored design
- ✓ System platform option (Intel® or Sun™ Sparc™ Station) with Unix™ (Solaris™) Operating System

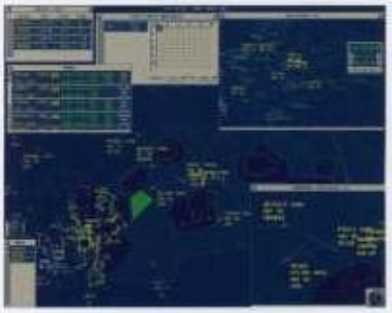
Specifications:

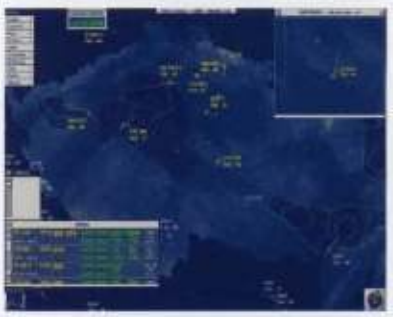
▪ Position data sources	plot/track processing of up to 16 - 80 sources as follows: - PSR, SSR, MSSR with digital output - PSR, PAR with analogue output - ADS data interface - passive surveillance systems (PSS) - automatic direction finders (ADF) - external systems output (in ASTERIX or other format)
▪ Radar data update rate	from 4 to 10 sec, adjustable
▪ Track capacity	up to 1000
▪ FPL or other plans inputs	standard (AFTN, OLDI, IA-5, IFPS, ATFM, etc.) or other comm. interfaces with messages in standard data formats (Doc.4444, AMA, OLDI, TSGA, AUP/UUP, CRAM, NOTAM, ADEXP, IFPS, ATFM, etc.) or specific ones (e.g. military messages)
▪ Meteo-data inputs	- standard text messages (WMO) - non-standard or agreed text messages - weather radar output, PSR meteo-channel, satellite pictures - wind aloft, temperature forecast
▪ Data display	- single display of up to 2Kx2K resolution - multi-screen display (2 – 8) for one operator - large screen display
▪ Recording and replay	- recording of data/voice communication, operator actions, system status - synchronous replay and analysis of records, data reduction
▪ System redundancy	by modularity, incl. main/stand-by switch-over

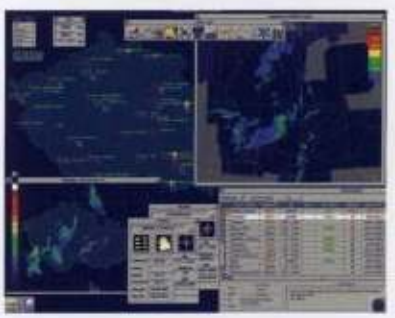
Typical configuration:

References:

Civil/military Area ATM Systems have been delivered by ALES to customers in the Slovak Republic (CACC and MACC Bratislava), Czech Republic (MACC Prague), and Ukraine (ACC Kiev).







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