



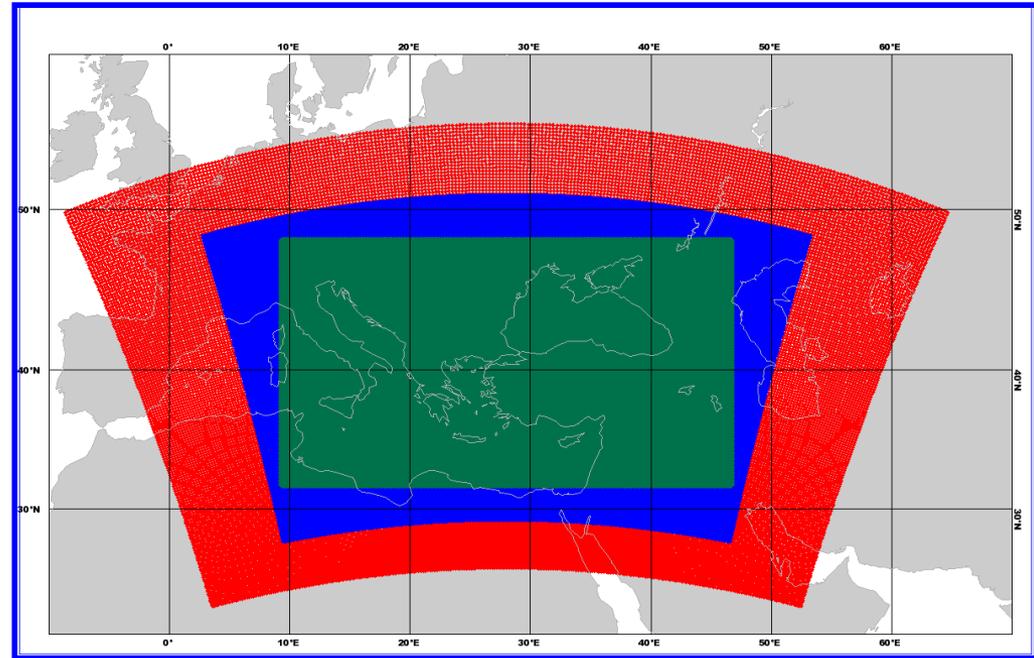
## ALADIN-TURKEY

ALADIN is running in test mode every workday (getting LBC's from MF via personal FTP).

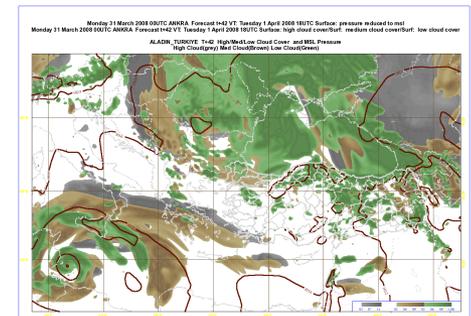
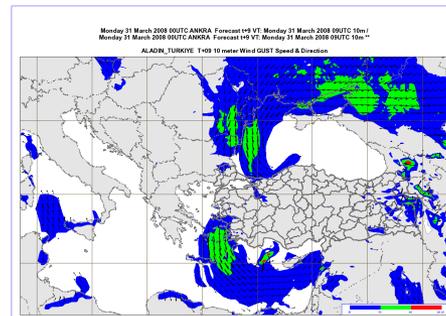
Planning to switch operational mode on June 2008.

### *Operational design of Aladin-Turkey:*

- Model version: cy32T3
- *Model geometry*
- 10 km horizontal resolution
- 259 X 389 grid points
- 49 vertical model levels
- Linear spectral truncation
- Lambert projection
- *Forecast settings*
- Digital filter initialisation
- 415 sec time-step
- LBC coupling at every 3 hours
- Hourly post-processing
- 2 runs per day (00 and 12 UTC) with 48 hours forecast lengths.



*Aladin-Turkey domains, telecom domain shown as red, forecast domain shown as blue, post-processing domain shown as green.*



# Current Computer System

## Current Computer System

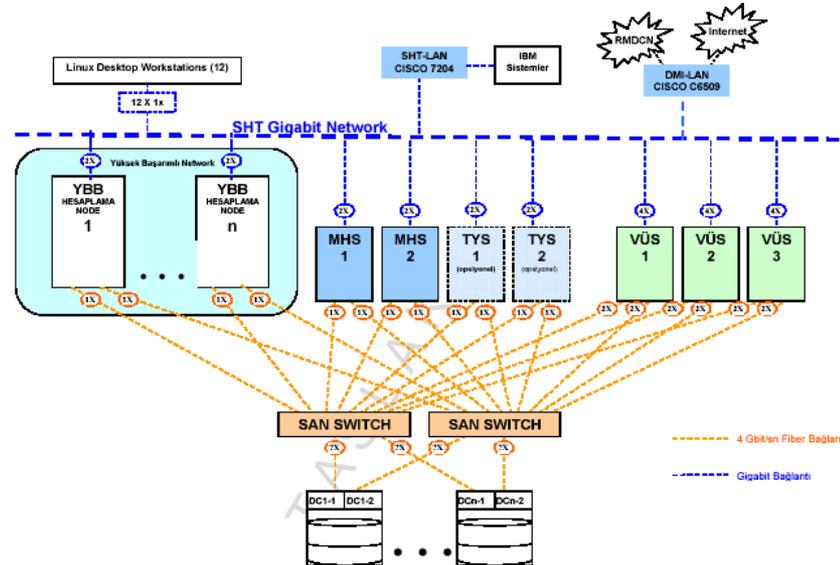
Main computer : IBM P690 (16 CPU, 32 GB memory)

Post-pro : IBM P630s (total 8 cpu,8 GB memory)



## New TSMS Computer System

- Installation is expected in Q3,2008
- Benchmarking based on ALADIN
- ~3 TFlop/s sustained
- Paralel file system
- Linux post-processing machines



## Turkish Meteorology Archive System –TUMAS-

- 20 TB Disk storage
- 165 TB Tape storage
- Base on ECMWF MARS software

