



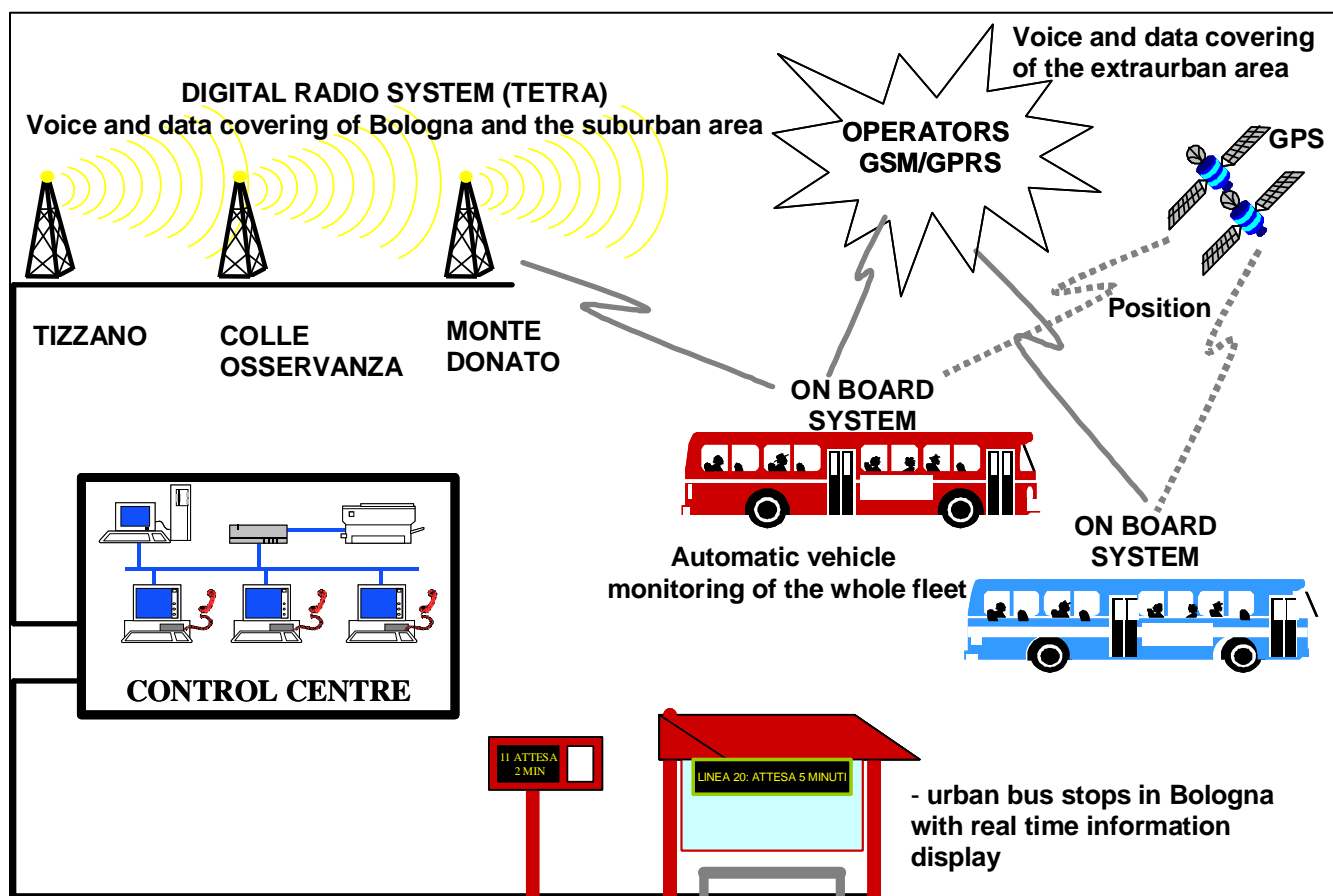
## Bologna Automatic Vehicle Monitoring system

The AVM system allows the real time management of the bus fleet monitoring the position of each bus, its regularity, eventual operation problems and emergencies.

Bus drivers are linked to the control centre via voice and coded messages.

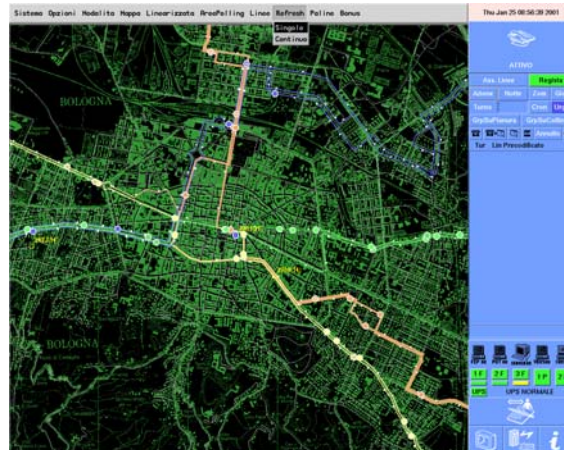
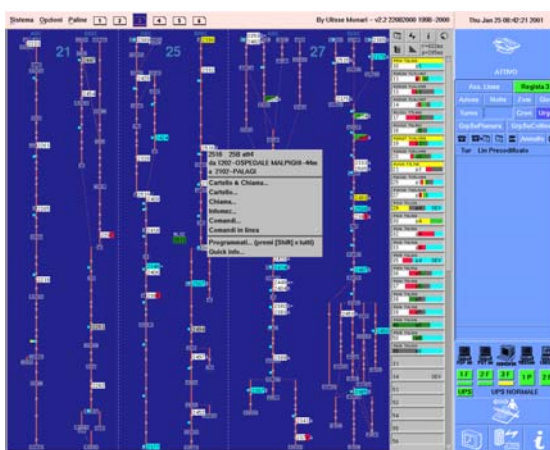
Main system data:

- about 900 vehicles controlled (urban and extraurban fleet)
- digital radio system TETRA (3 radio stations) to cover urban and suburban area
- GSM/GPRS for the extraurban area
- 140 urban bus stops with real time information display





**AVM control centre**



**Bus lines representation**