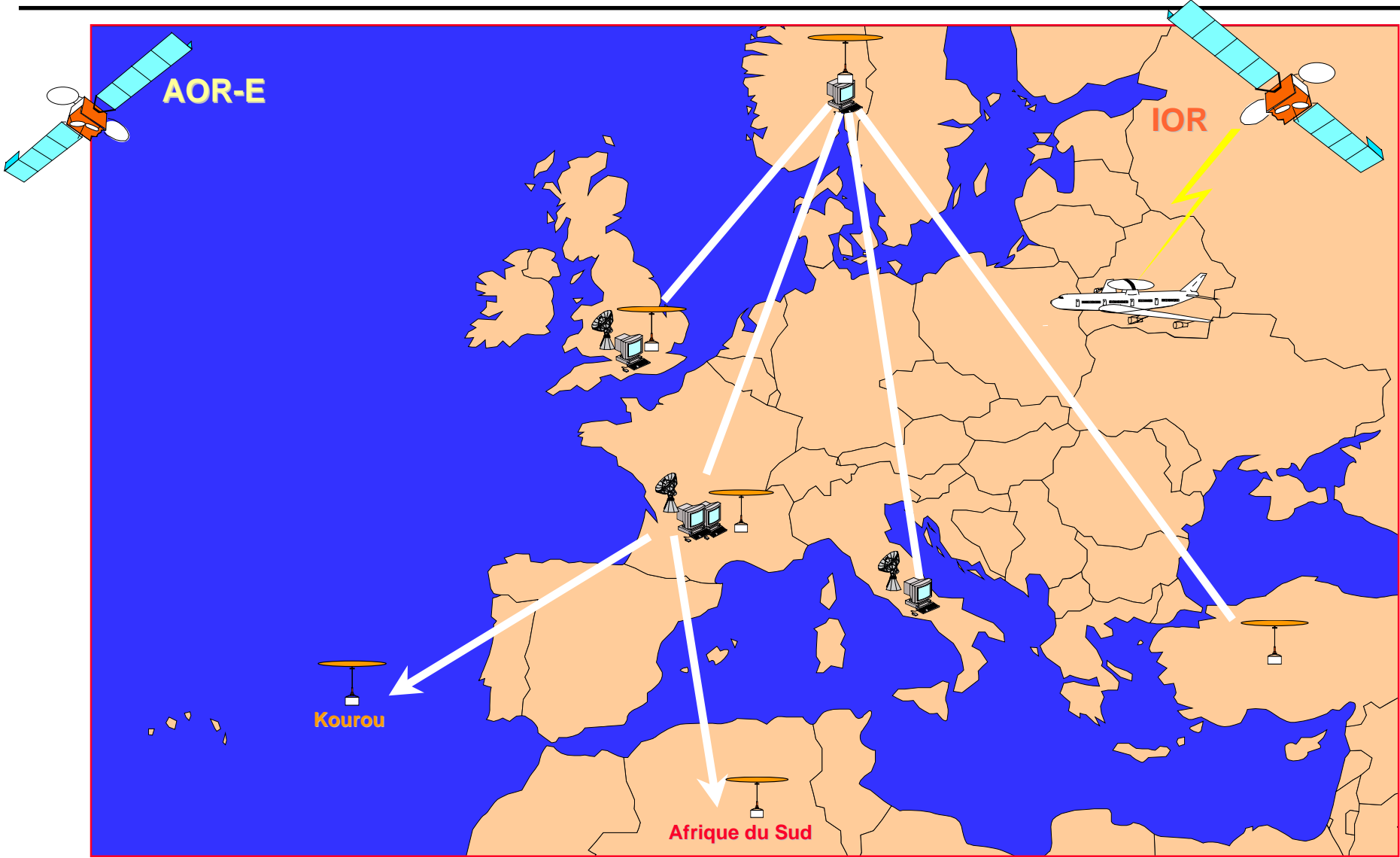


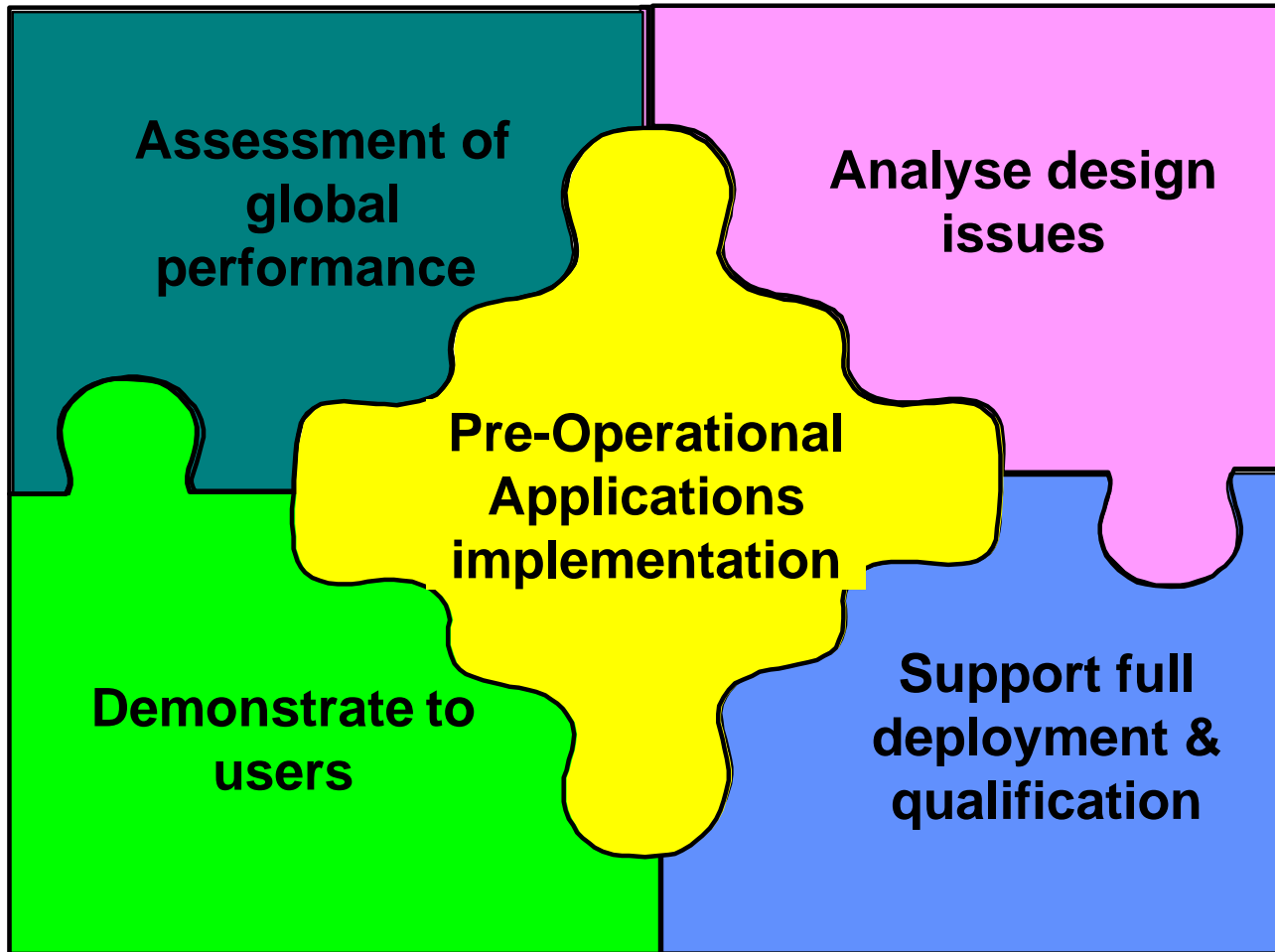
# EGNOS System Test Bed Presentation

## Content

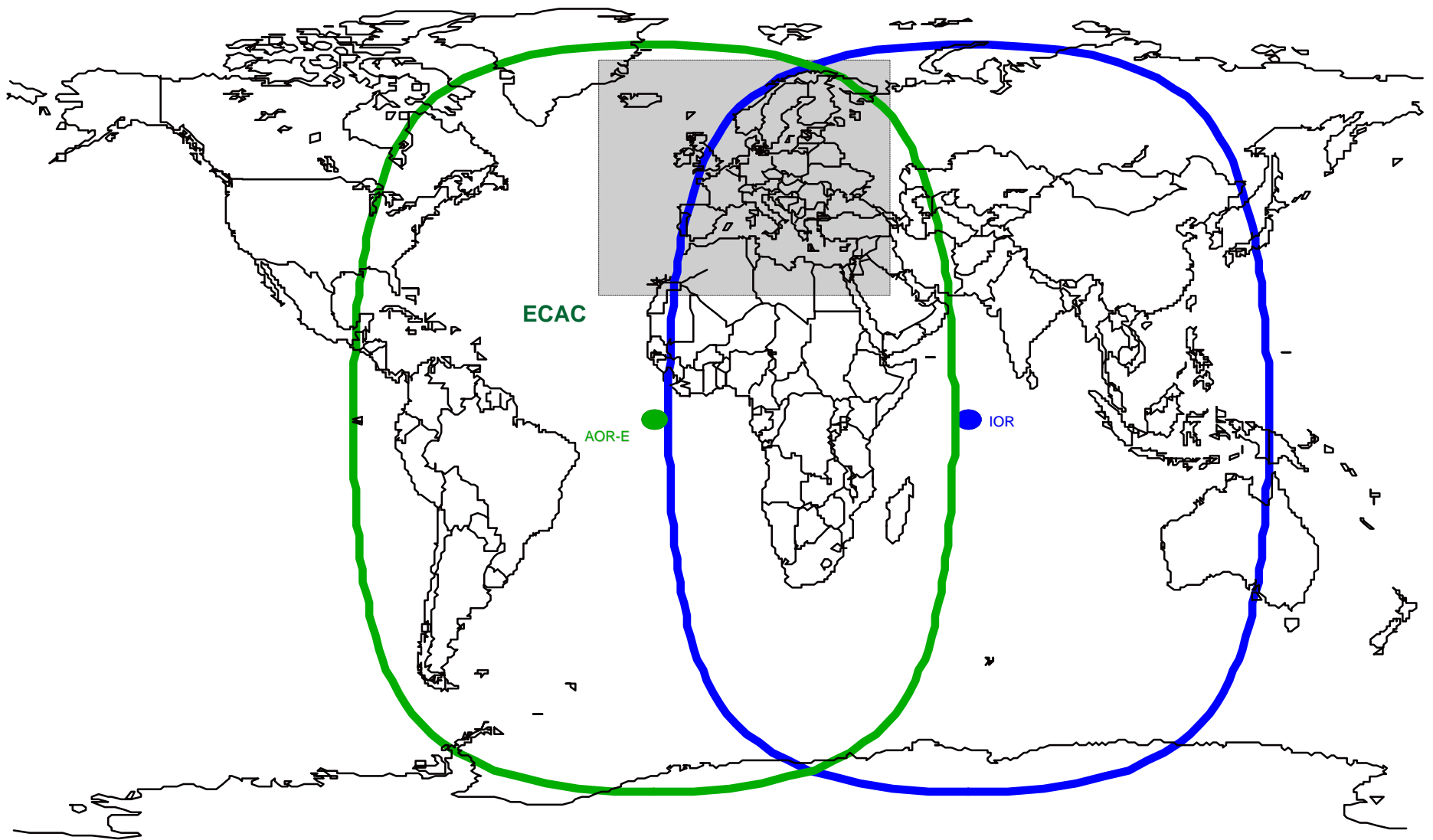
- ▼ Presentation of EGNOS Test Bed
  - Overview, Objectives, Coverage, Architecture, Performance
- ▼ Presentation of EGNOS Service Volume Simulator
- ▼ Presentation of ANETO
- ▼ Use of ESTB in the frame of Pilot Projets

# EGNOS System Test Bed (ESTB) Overview

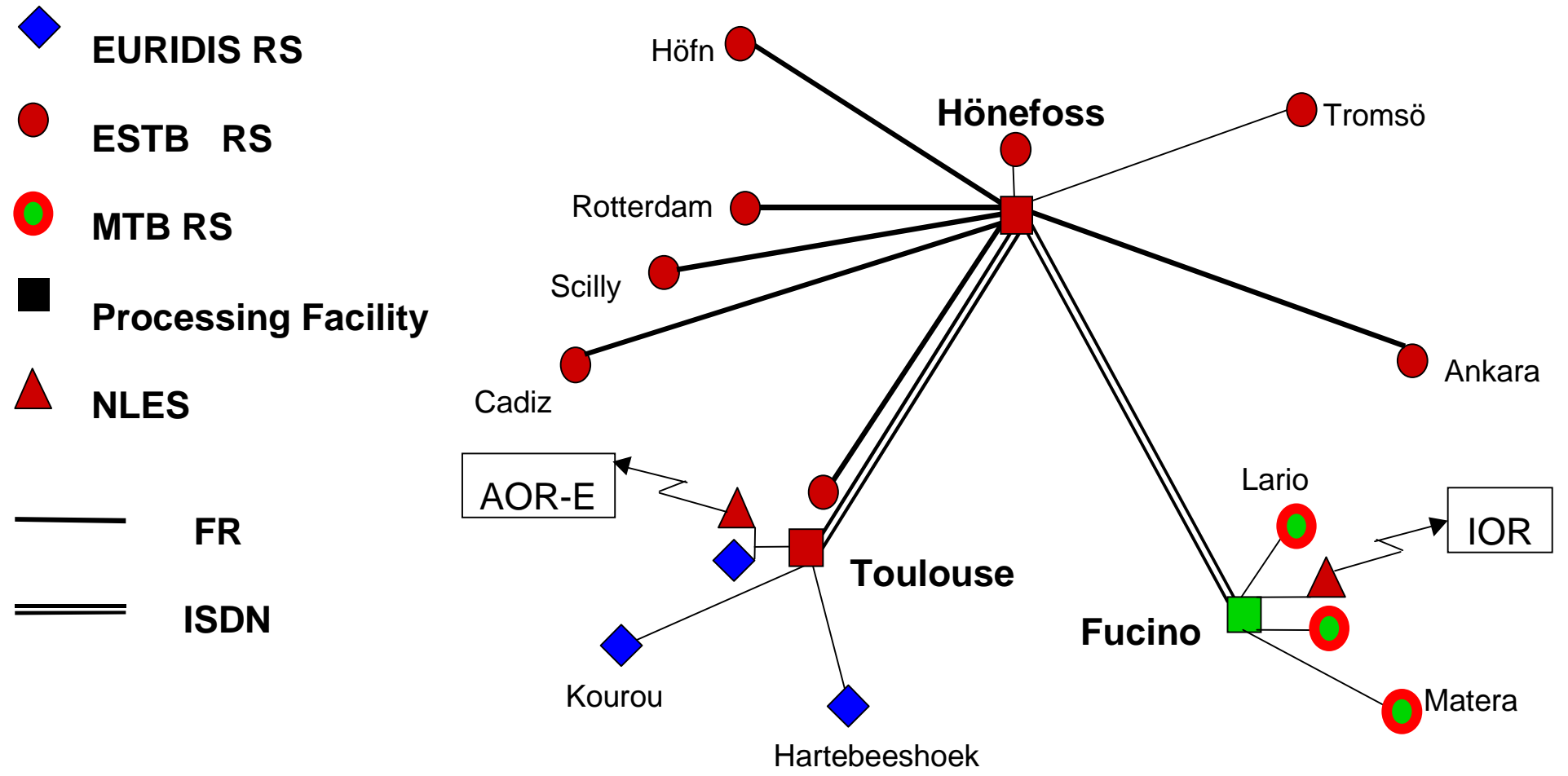


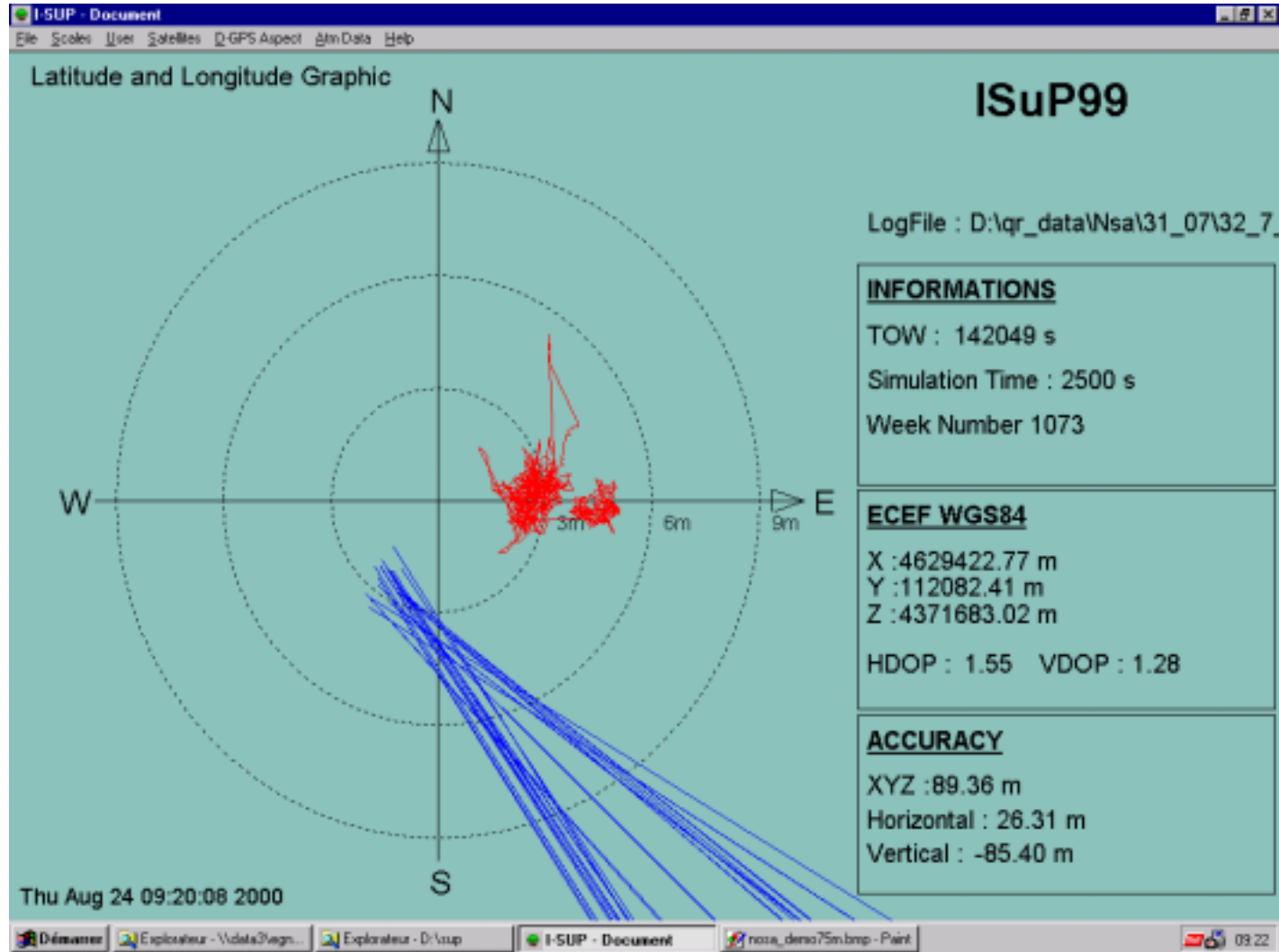


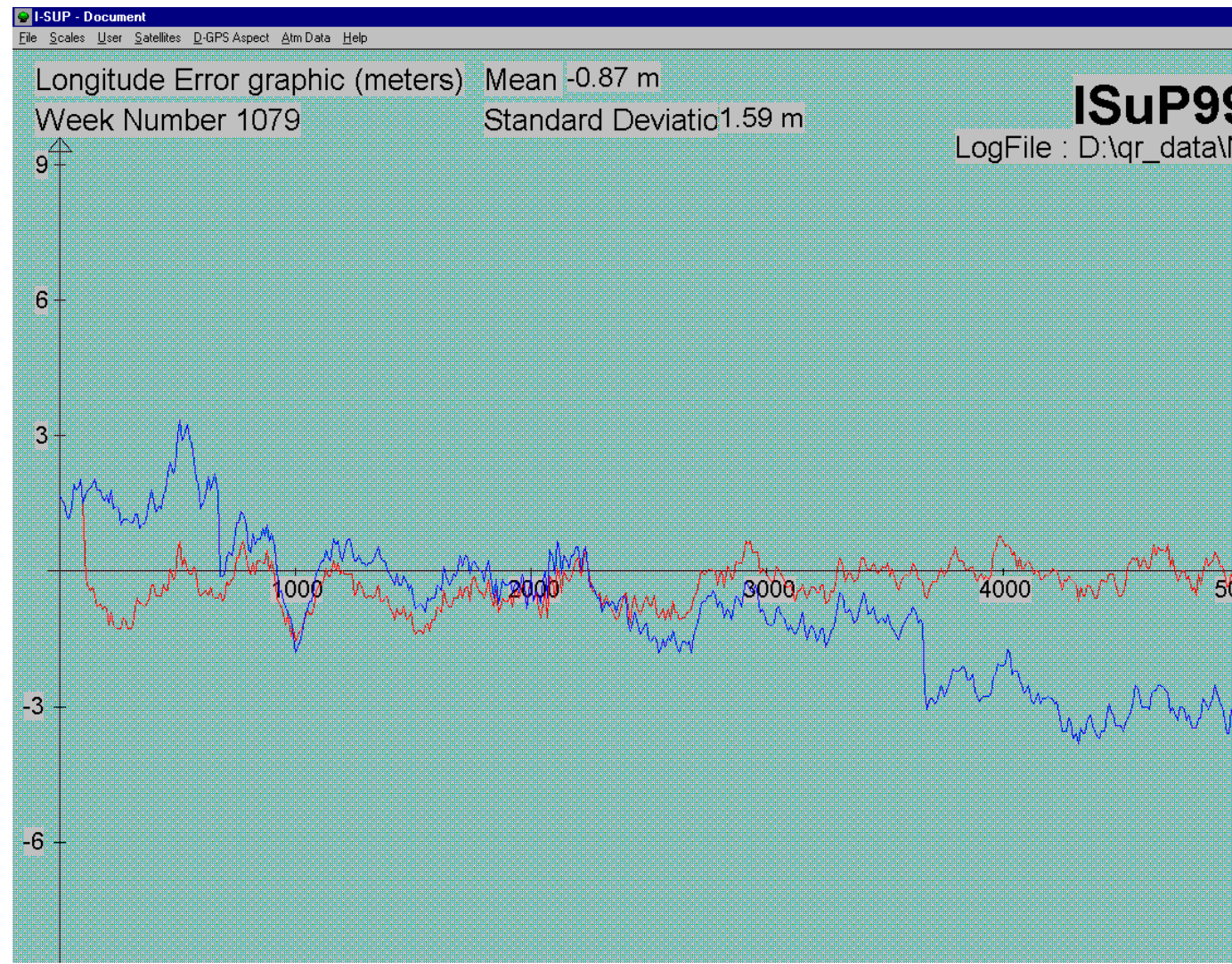
# EGNOS System Test Bed : Coverage



## ESTB Communication Network



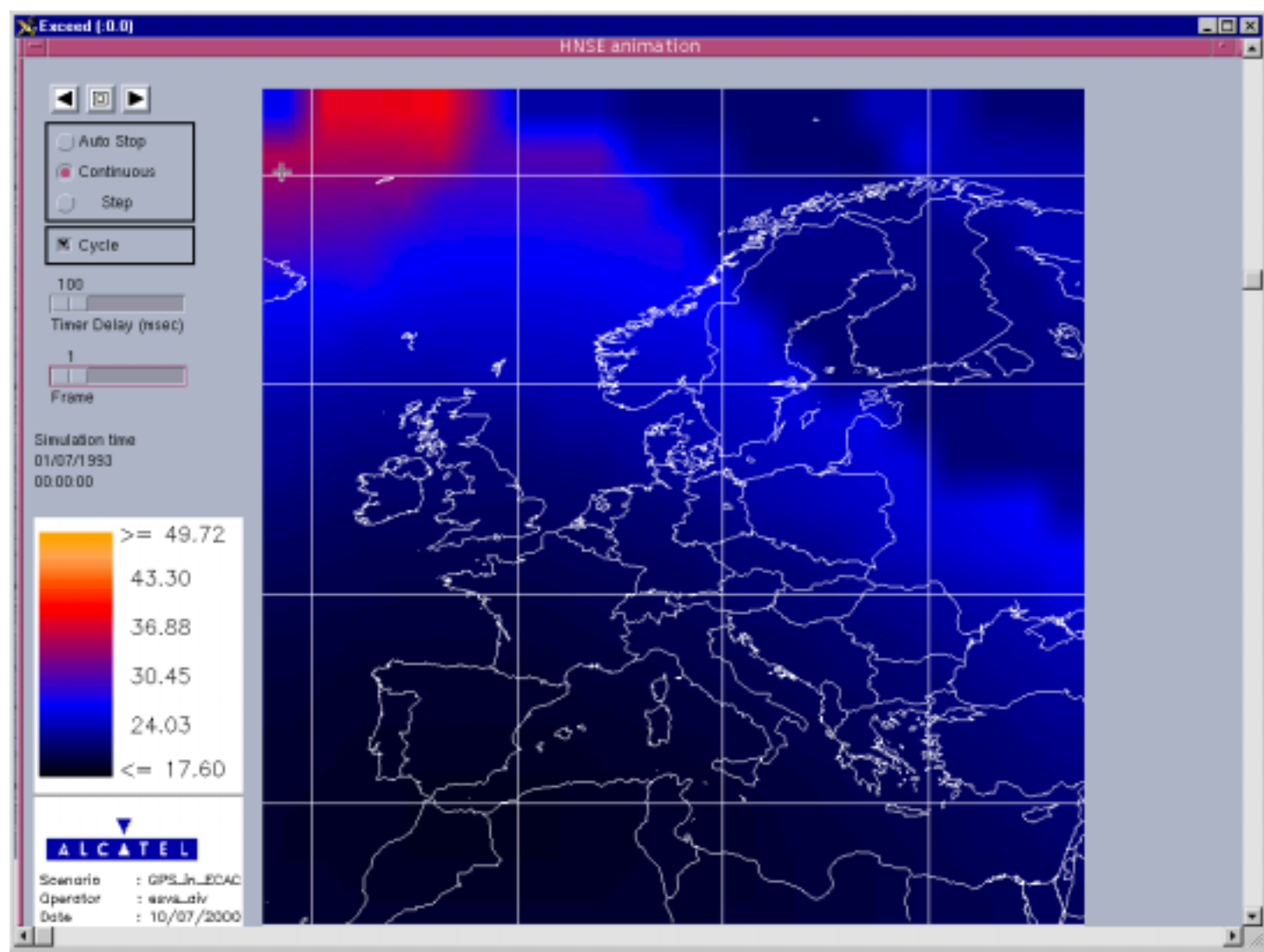


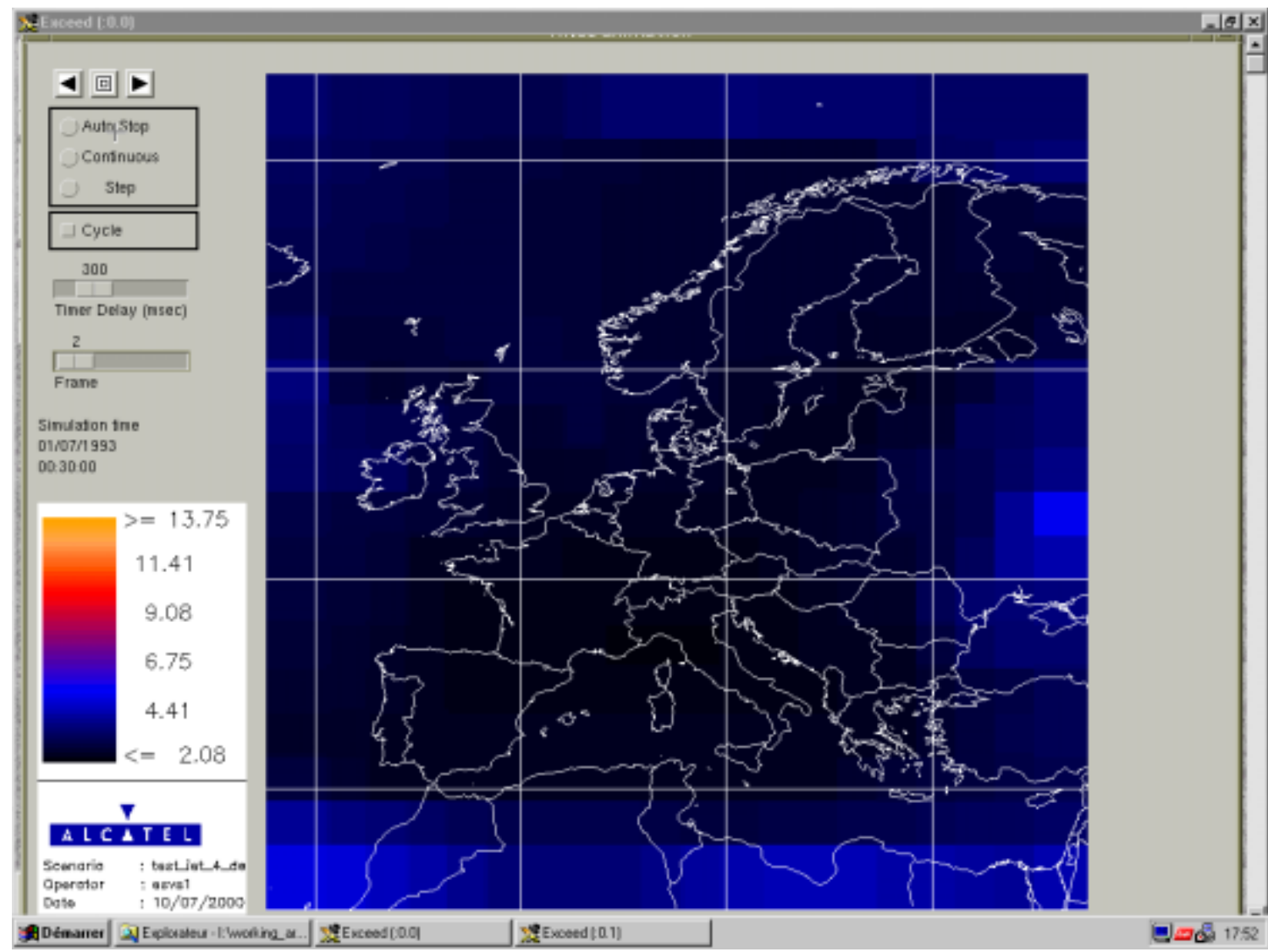




# Alcatel EGNOS System Volume Simulator

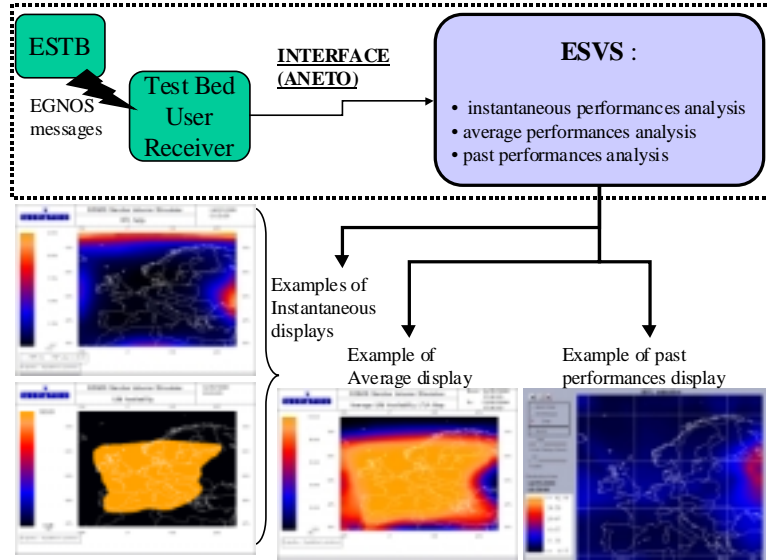
## EGNOS Performances

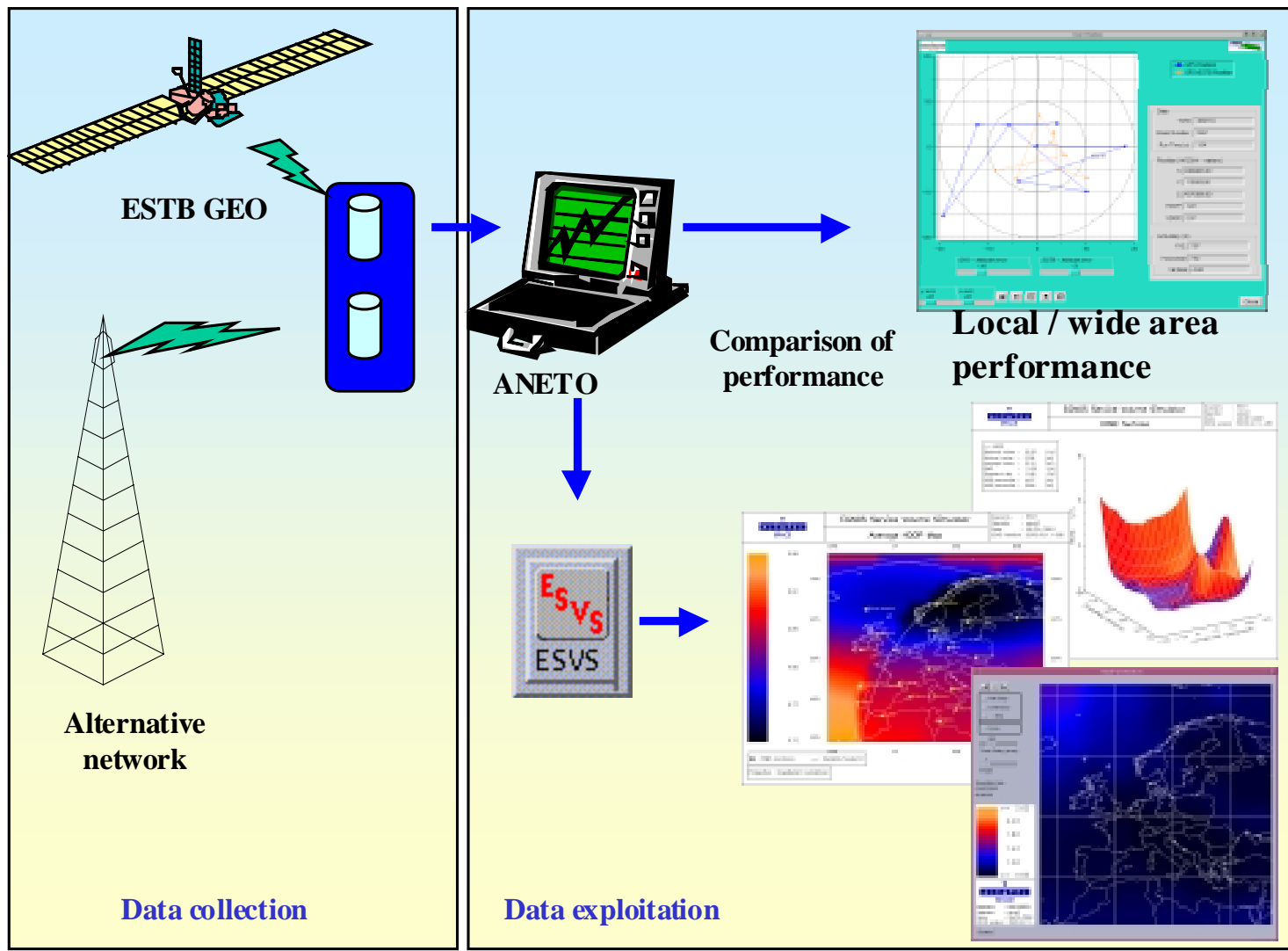






# Presentation of Alcatel tool ANETO







# Use of ESTB

## ▼ Interest

- Signal available now

## ▼ Planning aspects

- ESA objective : operate ESTB up to ORR - 6 months = mid 2003

## ▼ Perspectives

- Use within a pilot project demonstration
  - Test new messages
  - Test signal performance
  - Test accuracy performance



## ▼ Type of pilot projects

- Accuracy and stability of time information  
Network synchronisation
- Improvement of signal acquisition duration  
combination with GSM/UMTS
- User accuracy information (UDRE)  
Map matching
- User integrity information (UDRE)  
“Safety” applications : rail, road assistance