



# Other operational aspects

**10th Assembly of  
ALADIN Partners**

**Bratislava, 21st October 2005**

# Telecoms: one of our weak points

- **Before going into details about the links between Meteo-France and partners**
  - **Some problems last year affecting the access to Meteo-France**
    - **work on our firewall announced "with limited impact"**
    - **in July failure of our Internet provider**
  - **Not always M-F direct responsibility, except for the information**
    - **which was generally not sufficient**
  - **our apologies for any trouble caused**

# Telecoms: one of our weak points

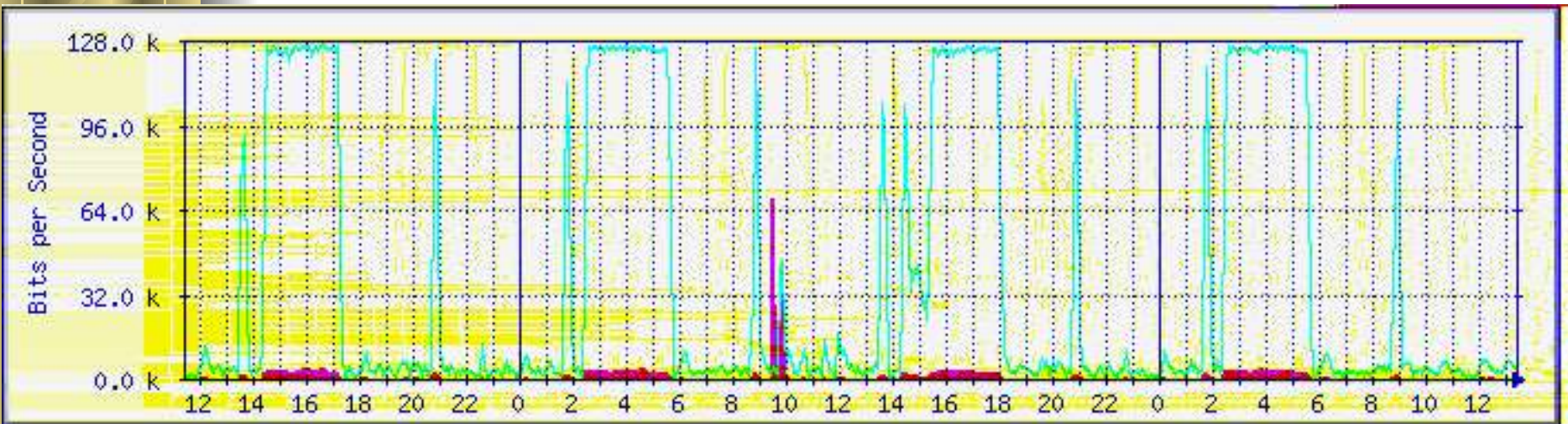
- **We have bigger and bigger computers...**
  - **What about the balance of all elements of our operational suites**
    - **computer**
    - **databases**
    - **telecoms**
    - **archive**

# Telecoms: one of our weak points

- **Our telecoms are outdated**
  - Internet: fast, relatively cheap, reliability ??
  - We have real operational links for medium range
    - short range forecasting has stronger requirements
  - typical objective: LBCs 1 run in less than 1 hour
    - generally not the case except on Internet
  - current situation: a strong limit for coupling frequency e.g.
  
  - soon to come: LBC volume increase
    - 2005: new physics, increased vertical resolution
      - possibly a factor of 2->3
    - 2007: ARPEGE horizontal resolution
      - again a factor 2-> 3

# Telecoms: one of our weak points

- **Our telecoms are outdated**



- **that's just one example**
  - **LBC twice a day only, 6h frequency, but large domain**

# Do we have other weak points ?

## ● Observation databases

- needed for
  - verification (at least some obs types)
  - data assimilation (all obs types)
- AROME without data assimilation ?
  - c'est comme un repas sans vin !  
additional requirements: radar / satellite
- ALADIN with assimilation: a good transition

# Summary

- **Telecoms and Observation databases**
  - **two domains where we should put some effort**
    - **telecoms: money, but also just priority**
    - **obs management: better co-operation**