GeoDAF has been EUREF Local Data Centre since 1999. Mainly it manages RINEX files from the Italian GPS stations (not only EUREF/IGS ones), but it acts as LDC for some Greek stations too. We will provide an overview of the architecture of the system, together with statistics of data received, stored and distributed. Since the facility manages also analysis products, an overview of these products will be included.

EUREF 2007 Symposium - 6th to 9th June 2007

http://geodaf.mt.asi.it
ftp://geodaf.mt.asi.it

Analys Products Published by GeoDAF:
- GPS daily/weekly site coordinates
- GPS ZTD tropospheric estimates
- GPS/SLR/VLBI combined velocity field

System: HP E60 Server (Linux Red Hat)
- Web Server: Apache
- FTP Server: VSFTP
- Designed to run services unattended
- Data flow (red and blue arrows), including log file updates, validity checks, etc., are managed by Bash Shell Scripts (approx 4000 lines of code)
- Transfers to off-line PC (purple arrow) is performed automatically on daily base
- Files to send to RDC/GDC remain into buffer up to the time of successfully transfers (for last safe operations)

Files received and “published” (from Jan 2007)