HTASC
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Multimedia Services
RedIRIS

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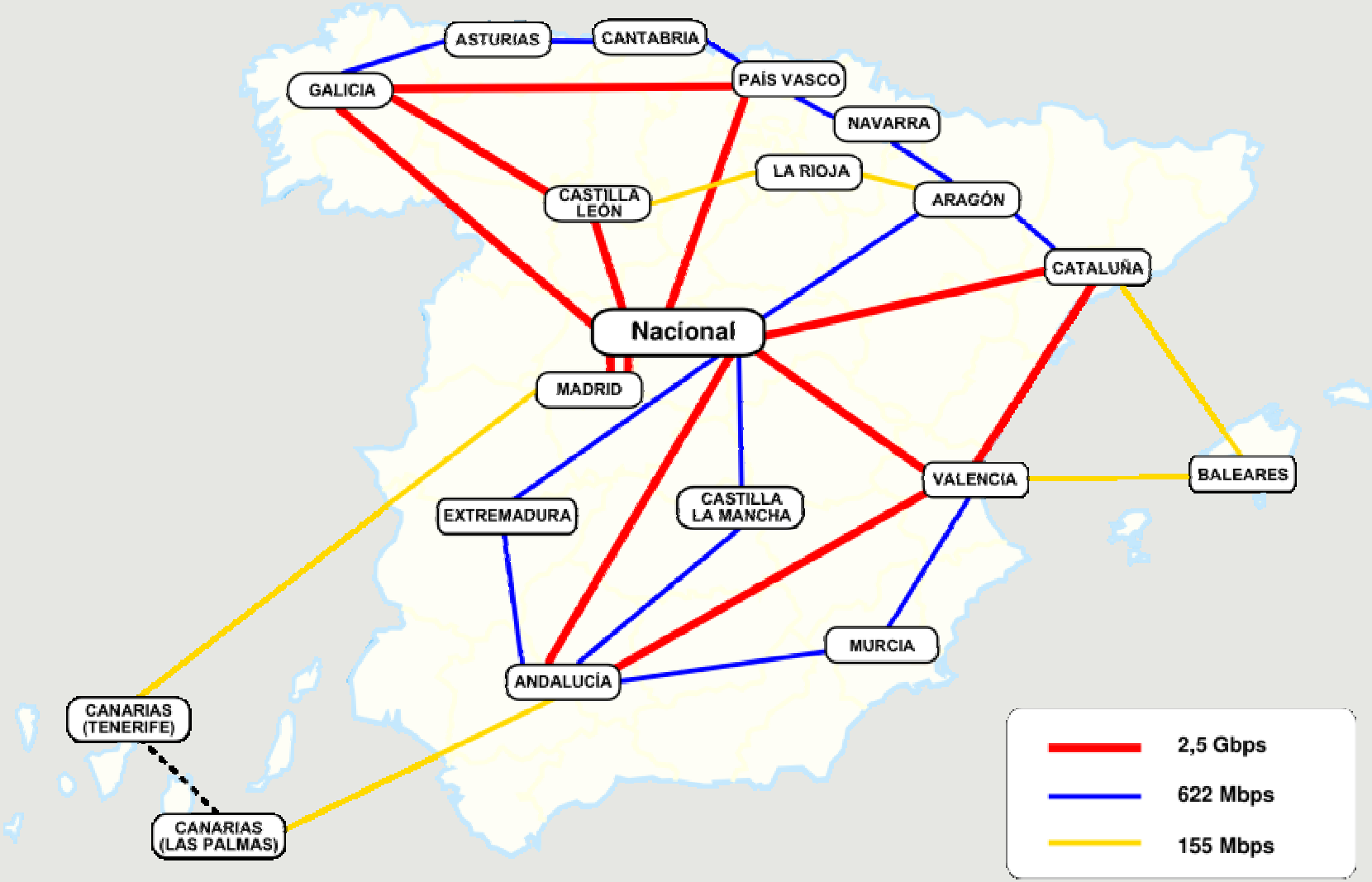
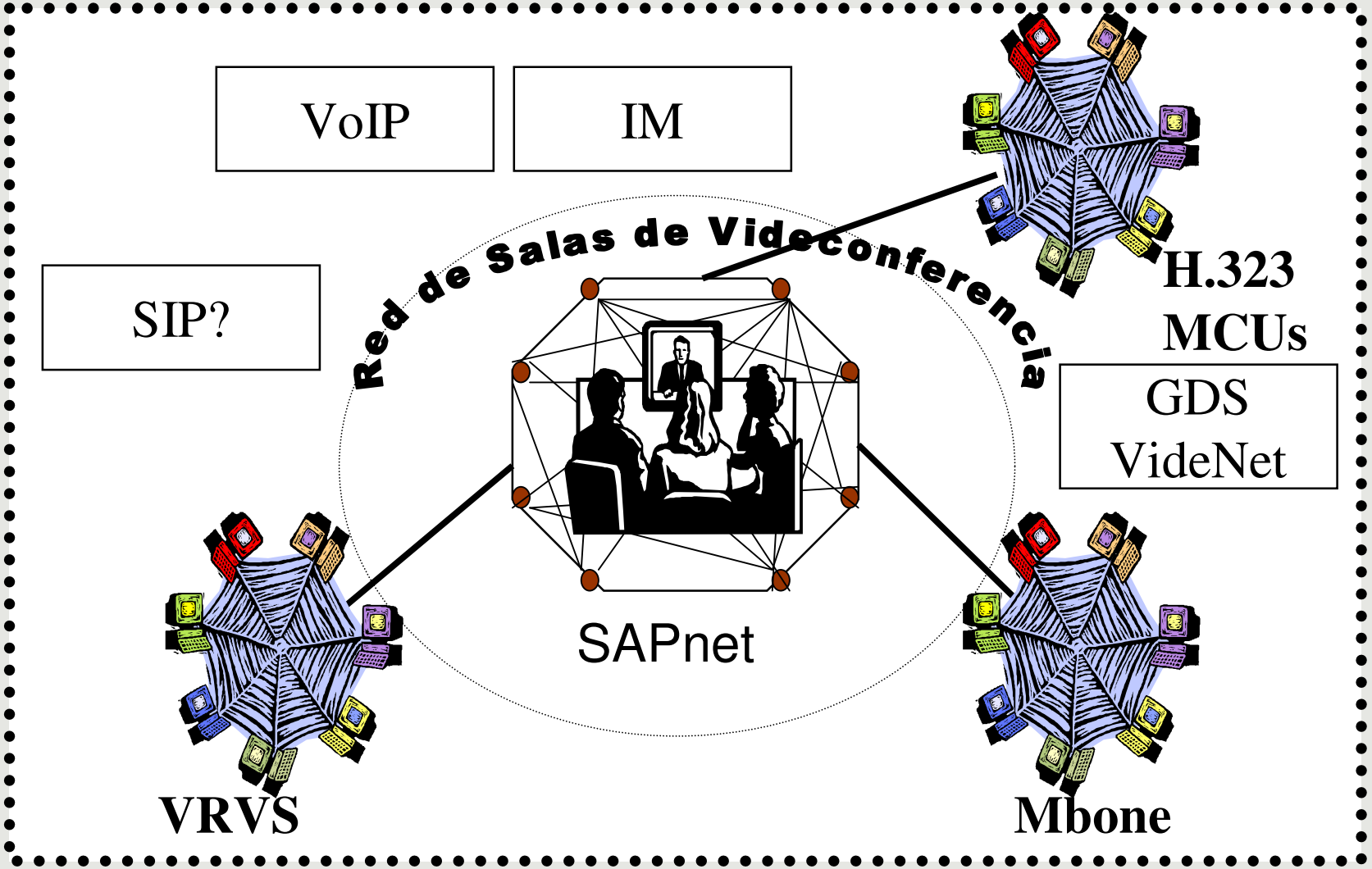
RedIRIS

- Spanish National Research & Education network.
- Provides network, middleware infrastructure and services.
- Multimedia services are coordinated among institutions using mailing lists and two meetings per year. (IRIS-MMEDIA working group.)
- RedIRIS2 makes possible high quality videoconferencing over IP.
- RedIRIS2 new network topology.

New RedIRIS2 map



Synchronous services



Synchronous services

- MBONE: Multicast network enabled. Can be used with different clients: UCL, OpenMash, etc.
- H.323 MCU: RedIRIS provides H.323 multiconference with Accord MGC-25.
- We are going to implement GDS.
- IM: instant messaging based on Jabber. http://www.rediris.es/mmedia/im

SAPNET

- SAPNET: videoconference room network.
  - We consider videoconference rooms as the center of videoconferencing services.
  - Documentation about videoconference rooms is at http://www.rediris.es/mmedia/salas. It was the result of a small working group.
  - We made a standardization of three types of rooms: small meeting rooms, e-learning, assembly rooms.
  - In the future, directory of videoconference rooms in Spain, could be a prioritized network (if it's needed) http://www.rediris.es/mmedia/sapnet

VRVS

- We try to extend the use VRVS to other communities (not only HEP).
- There is a RedIRIS Community inside VRVS using private reflector topology and rooms.
- RedIRIS organized a Virtual Course about the use of VRVS with the collaboration of David Collados from the VRVS team.
  - Documentation in Spanish: http://www.rediris.es/mmedia/vrvs
  - The initiative was very successful: around 900 people and many of them from Latin America.
- We promoted the elimination of filters that could block the use of VRVS http://www.rediris.es/vrvs/portvrvs.es.html

VRVS

- Some stats:

Country	Users
USA	903
Spain	749
Italy	304
Swiss	278
Germany	188
France	181
UK	164
Japan	80
Canada	70
Taiwan	60
Greece	58
Argentinean	51
Russia	47

VRVS

- Some Stats:
  - Total connections to RedIRIS rooms in VRVS: 27800
  - Total users login in the last 30 days in VRVS system: 1896
  - Users login in the last 30 days in VRVS that they belongs to RedIRIS community: 373