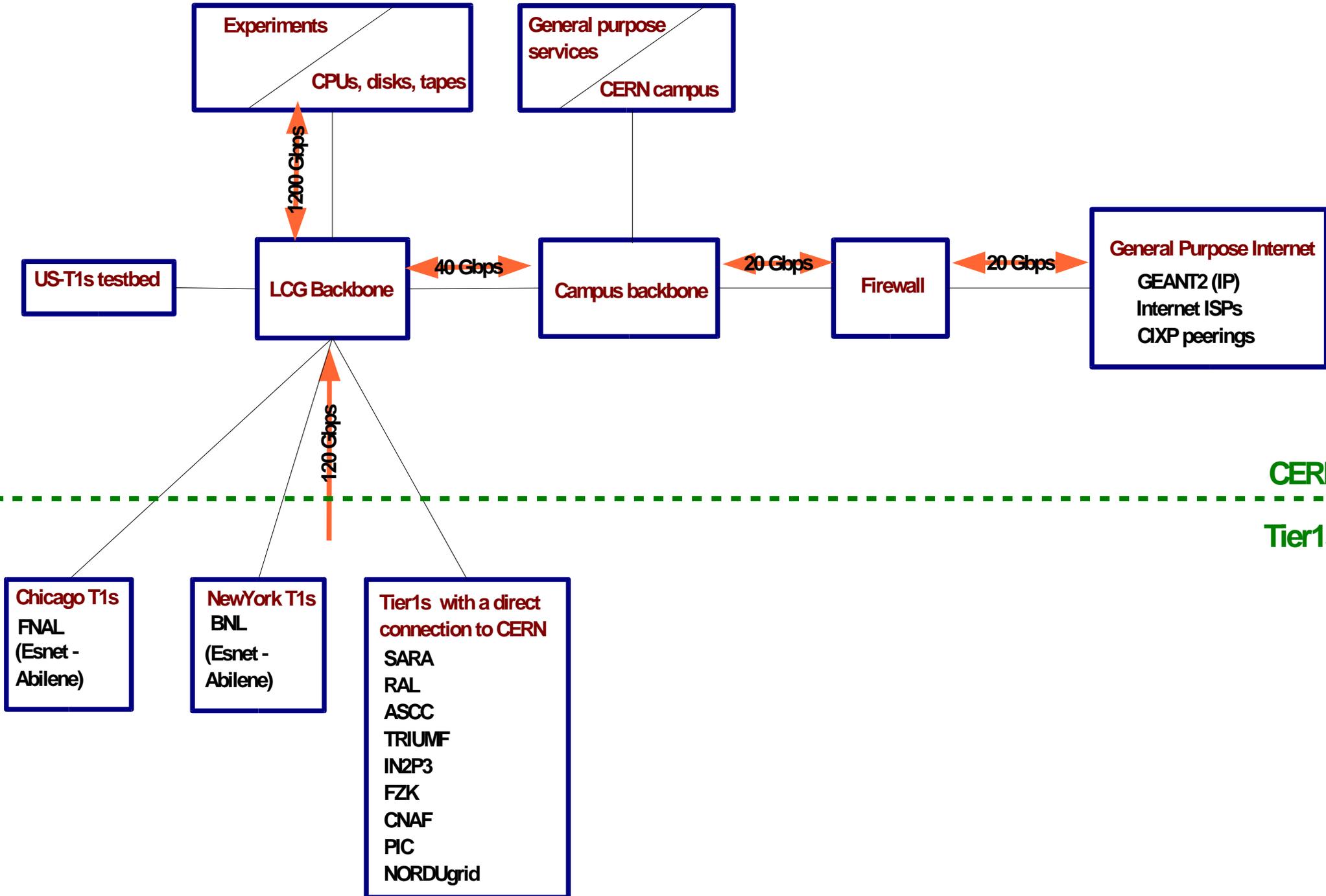


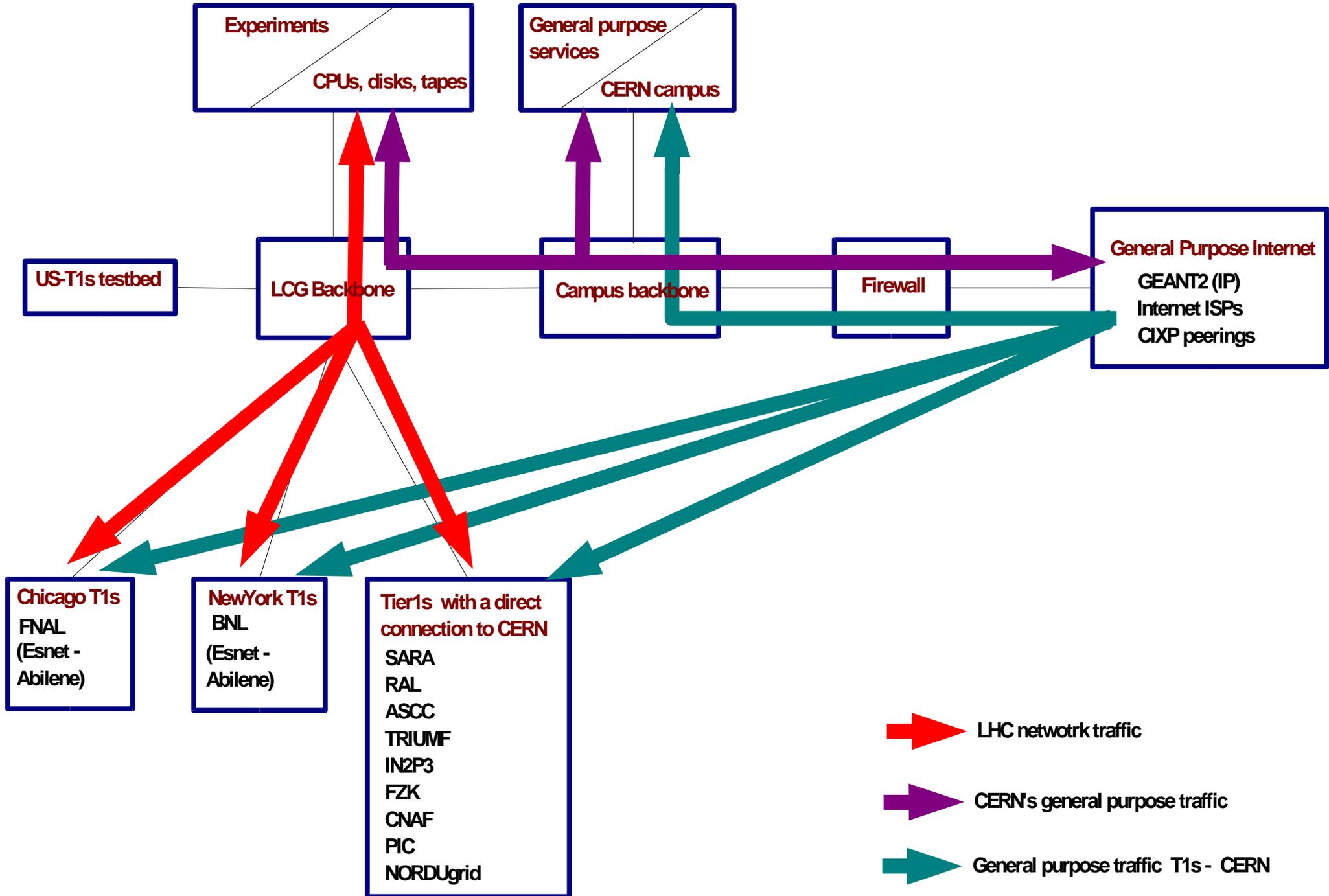
# **CERN network plan**

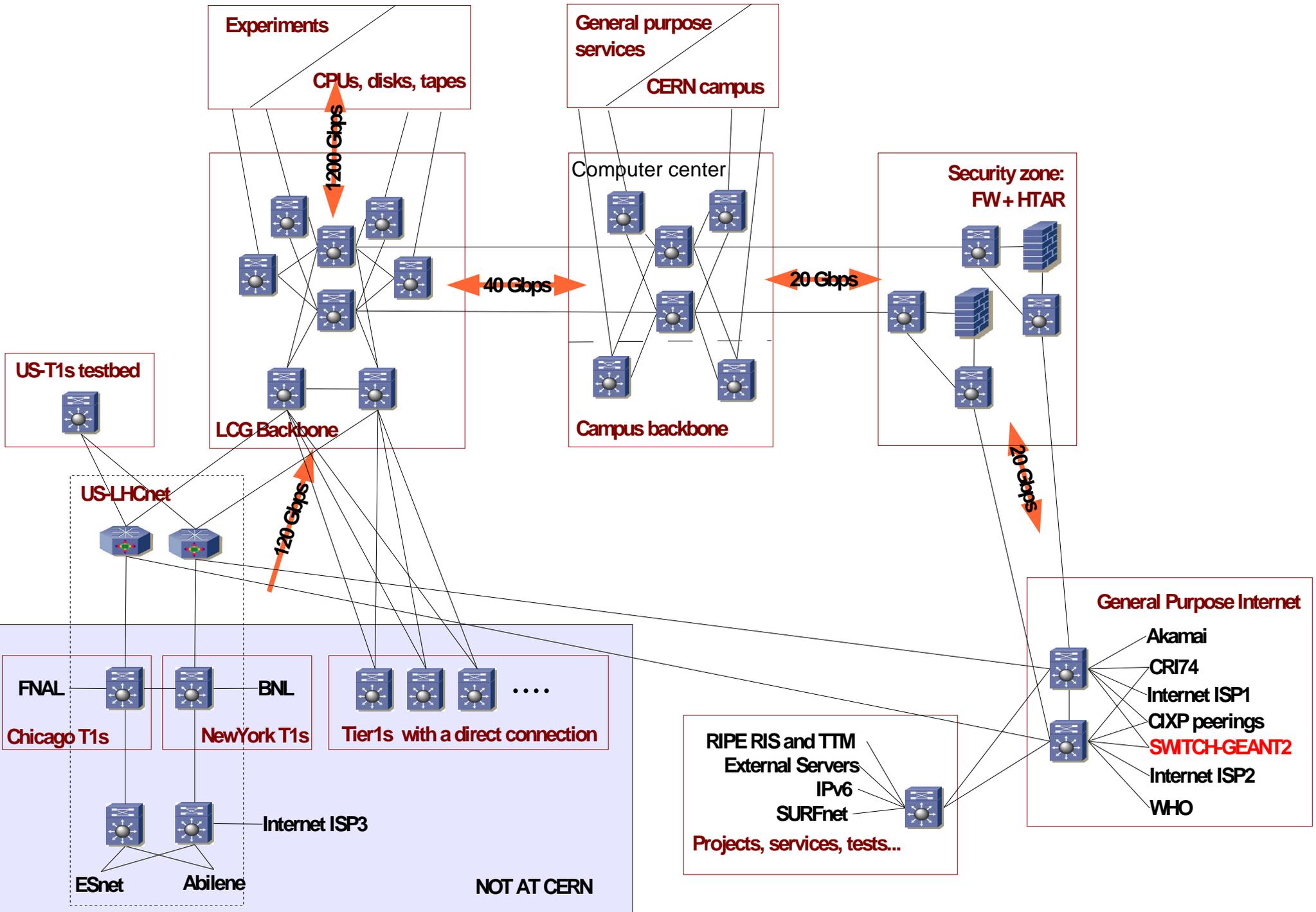
CERN, 19 July 2005  
edoardo.martelli@cern.ch

# Connections



# Traffic flows





## **Each Tier1:**

- Provide a technical contact
- Define the equipment and the interfaces that will be used.
- Provision the link(s).
- Provision the equipment
- Define the routing: AS number, LHC prefix(es), traffic flows, backup path.
- Implement and test

## **Tier0:**

- Provide all the necessary information for the links' provision
- Provision the equipment and the interfaces according to the Tier1s
- Deploy the configuration tools (for the Tier0's routers)
- Implement and test

## **Security:**

- Understand the connections needed by the applications
- Define the security access list
- Suggest further security improvement

## **Operation:**

- Define the model
- Identify the responsible for the network operations
- Deploy the NOC