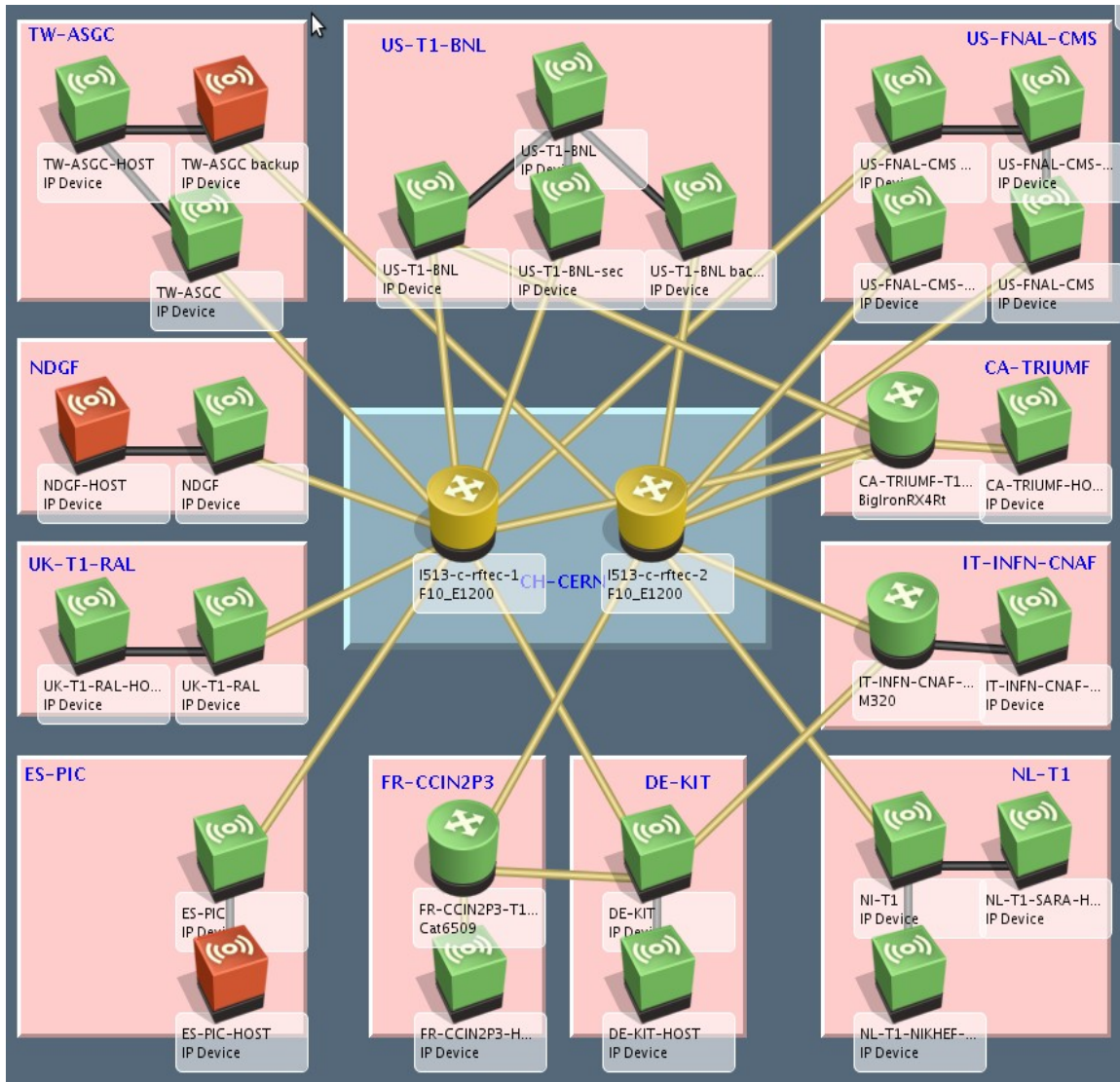


# LHCOPN monitoring at CH-CERN

London, 08<sup>th</sup> March 2010  
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# Spectrum



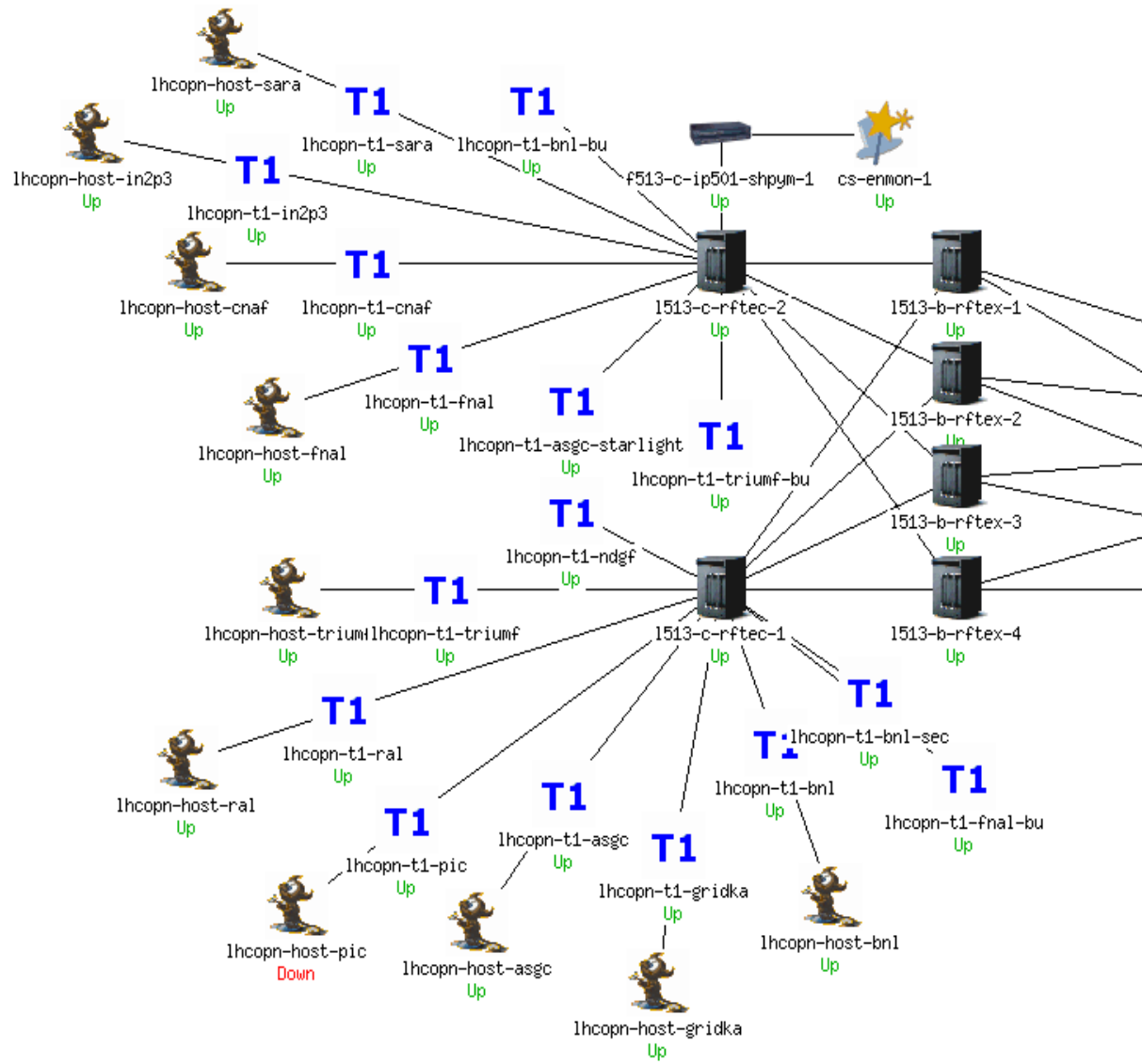
## Monitoring:

- Links and Remote servers
- Ping and SNMP polling

## Alarms:

- sent to CERN 24x7 operators

# Nagios



## Monitoring:

- BGP peerings status, links and remote hosts
- Ping and SNMP polling

## Alarms:

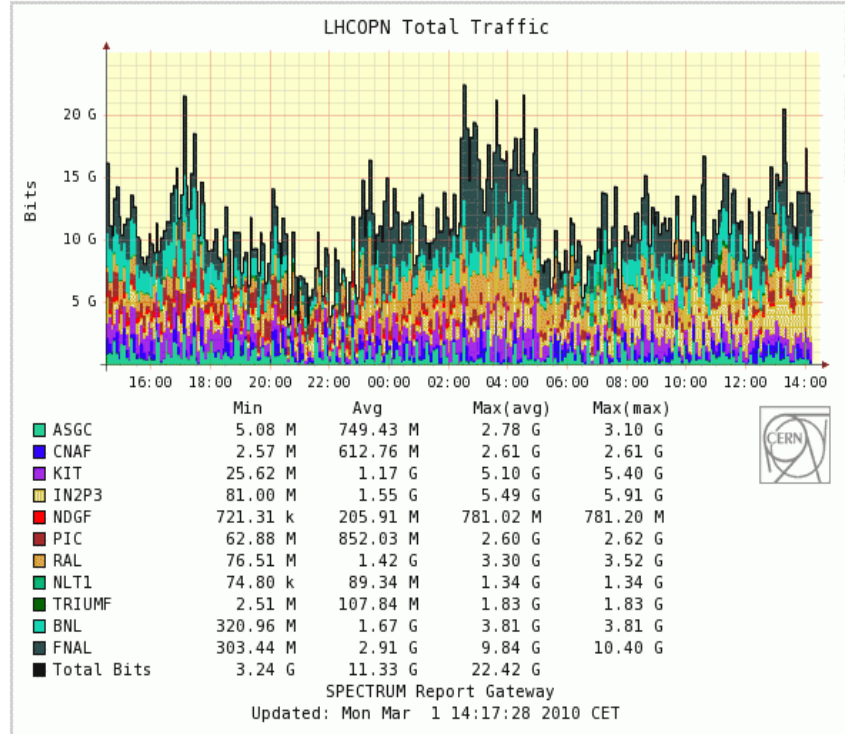
- sent to CERN NOC

Will be migrated to next Spectrum release



### LHCOPN and Tier2s Traffic

The current throughput for each Tier0-Tier1 link, and flow information on the top performers, is available on the left side menu.



## Statistics:

- links utilization
- Counters collected by Spectrum

**Questions?**