



TriDAS and Tower integration tests

Tommaso Chiarusi

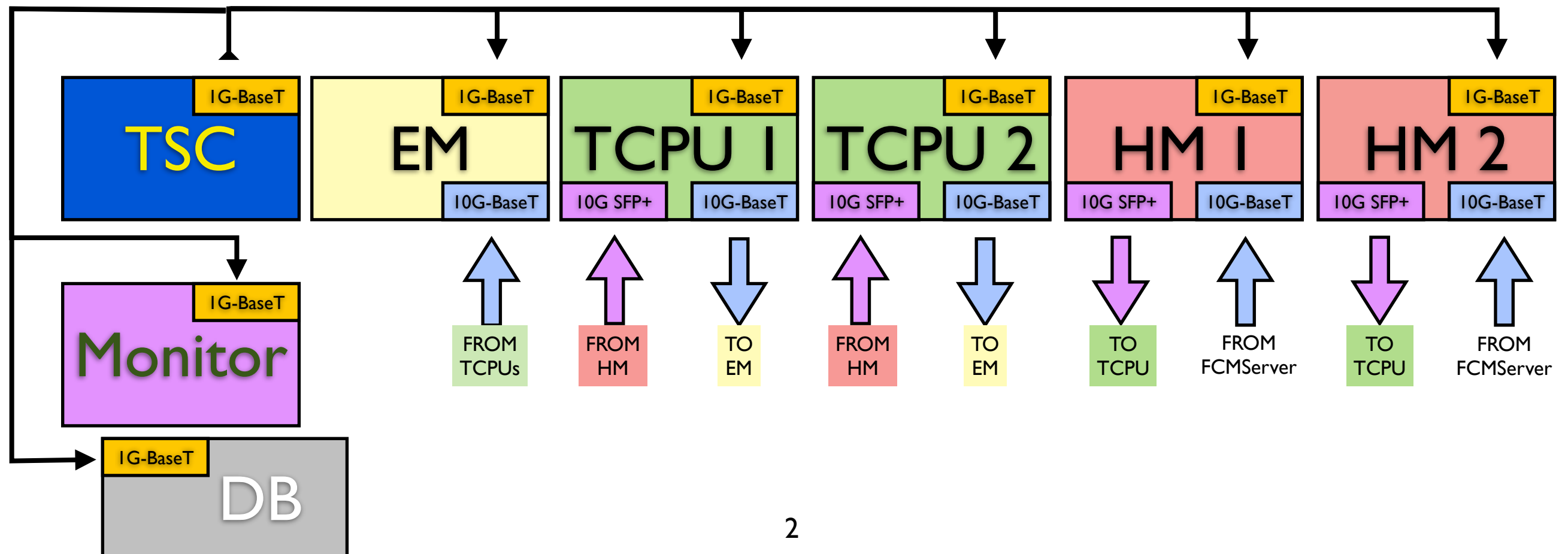
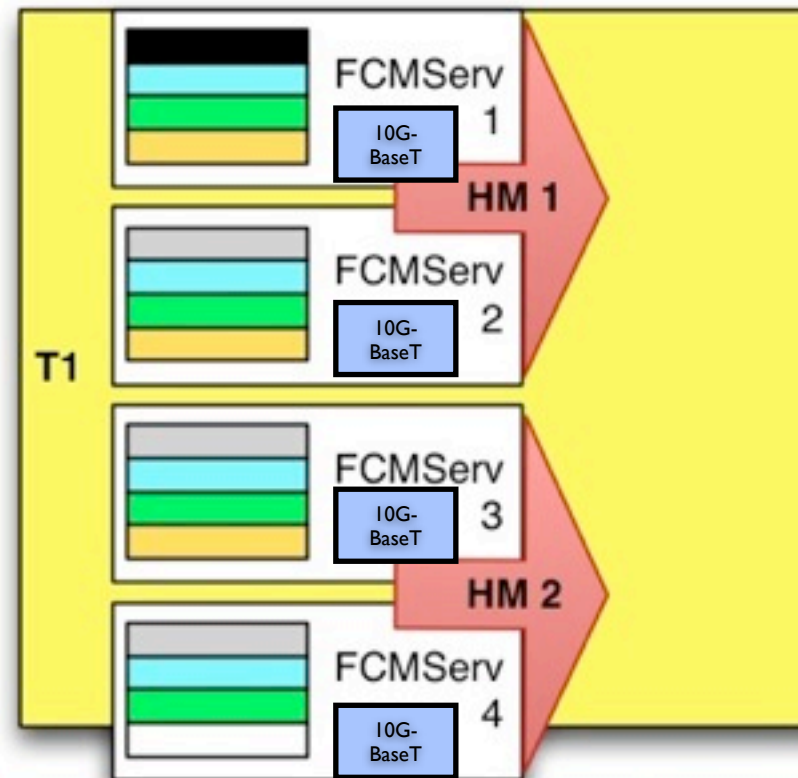
INFN - Sezione di Bologna



Integration tests for TriDAS

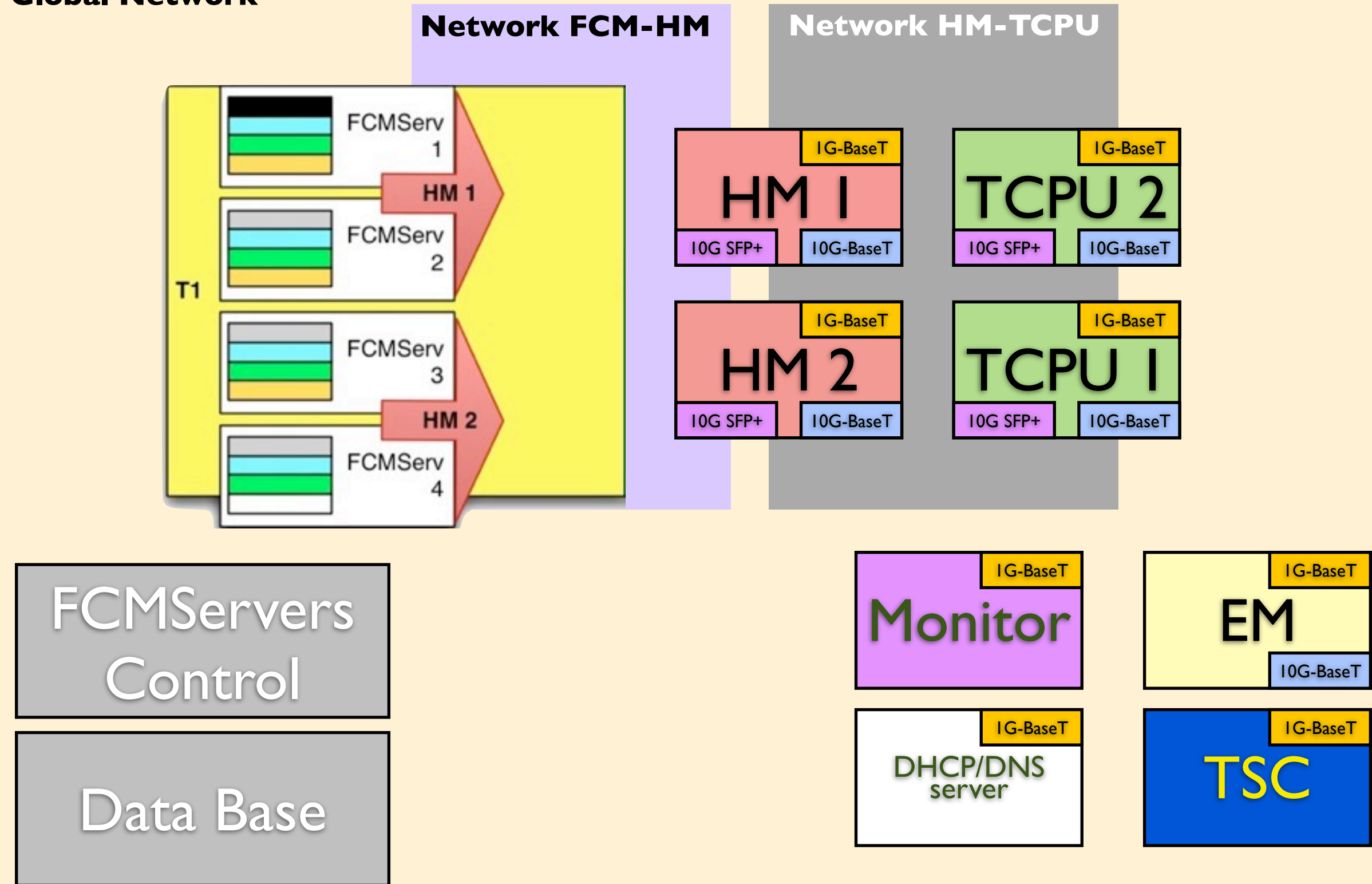
4 FCMServers+ 4 Terasic

From 1 floor
to 14 floors



Network Layout - draft

Global Network



Preamble

Primary Validation of TriDAS functionalities:
@ TestBench in Bologna

In this context:

TriDAS is **serving** the tower validation

Naturally, also a TriDAS validation will be possible, but o(...)
(hopefully...)

Kind of *useful* measurements offered by TriDAS

- measurement of PMT single rates
- measurement of L1 trigger rates
- raw-data dumping
- post-trigger file dumping

Connections to other *test-items*:

- Data Integrity from FCMs/FCMServers
- Time Calibrations
- LedBeacon

Requests from TriDAS WG

- Stress Test (max rates with all floors)

Requests, please !

- Raw data are ok?
- The post-trigger dataformat will be changed, possibly - but not decided yet.

At the moment the Phase 2 PT-format is expected for tower integration tests

Waiting for requirements from various *items*