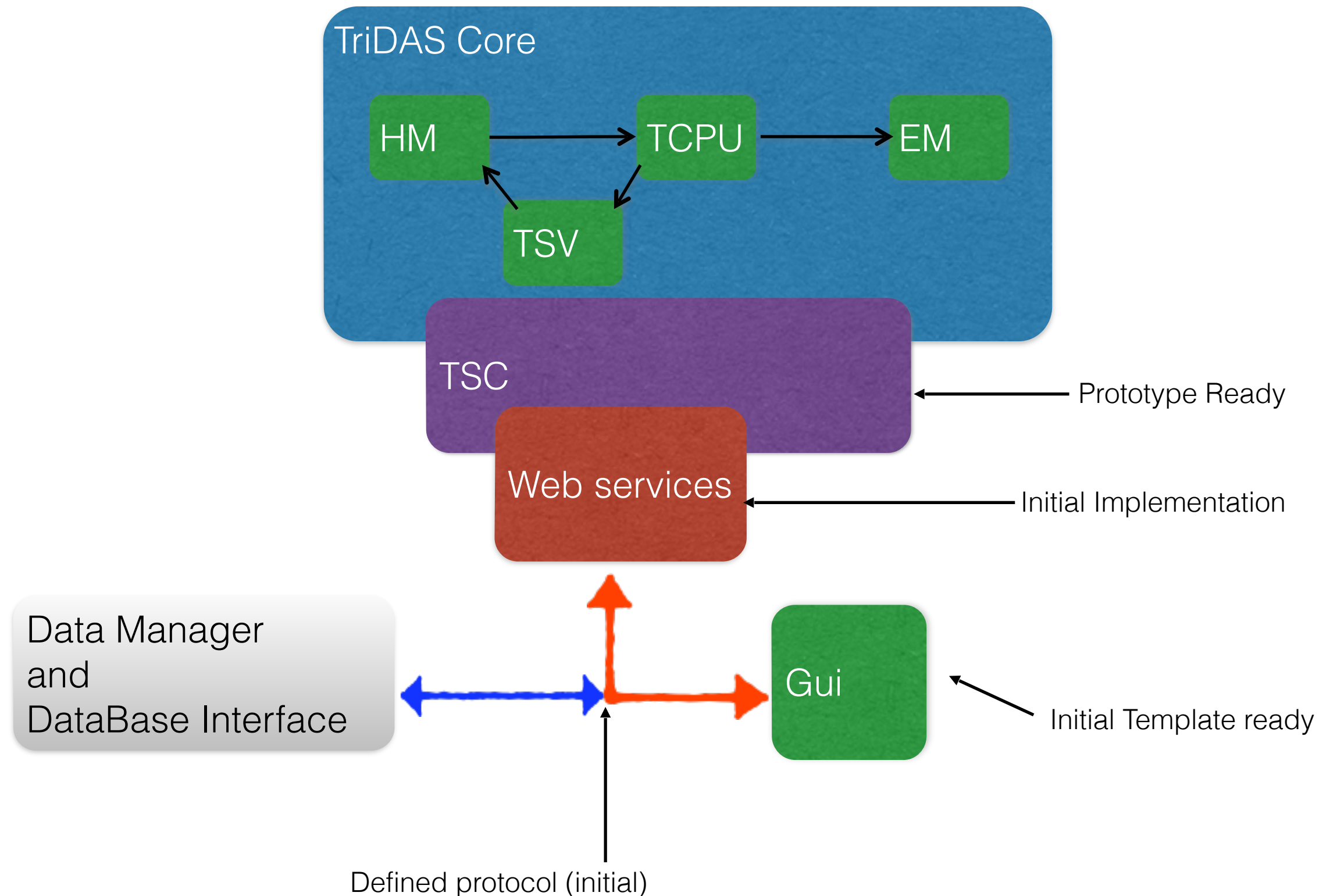# Status of the TriDAS

KM3NeT Steering Committee
February 18, 2015

Status of the TriDAS - TSC

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Protocol

1. Authentication capability
2. TriDAS Commands issuing
3. TriDAS Status inquiring
4. Escalation Procedure

Escalation Procedure:
a procedure that permit to an expert user to overtake the control of the triads system in order to fix problems remotely

Application Programmi Interface (API) will be soon ready and will be tested together with DBI (C. Bozza) and DM (A. Rovelli).
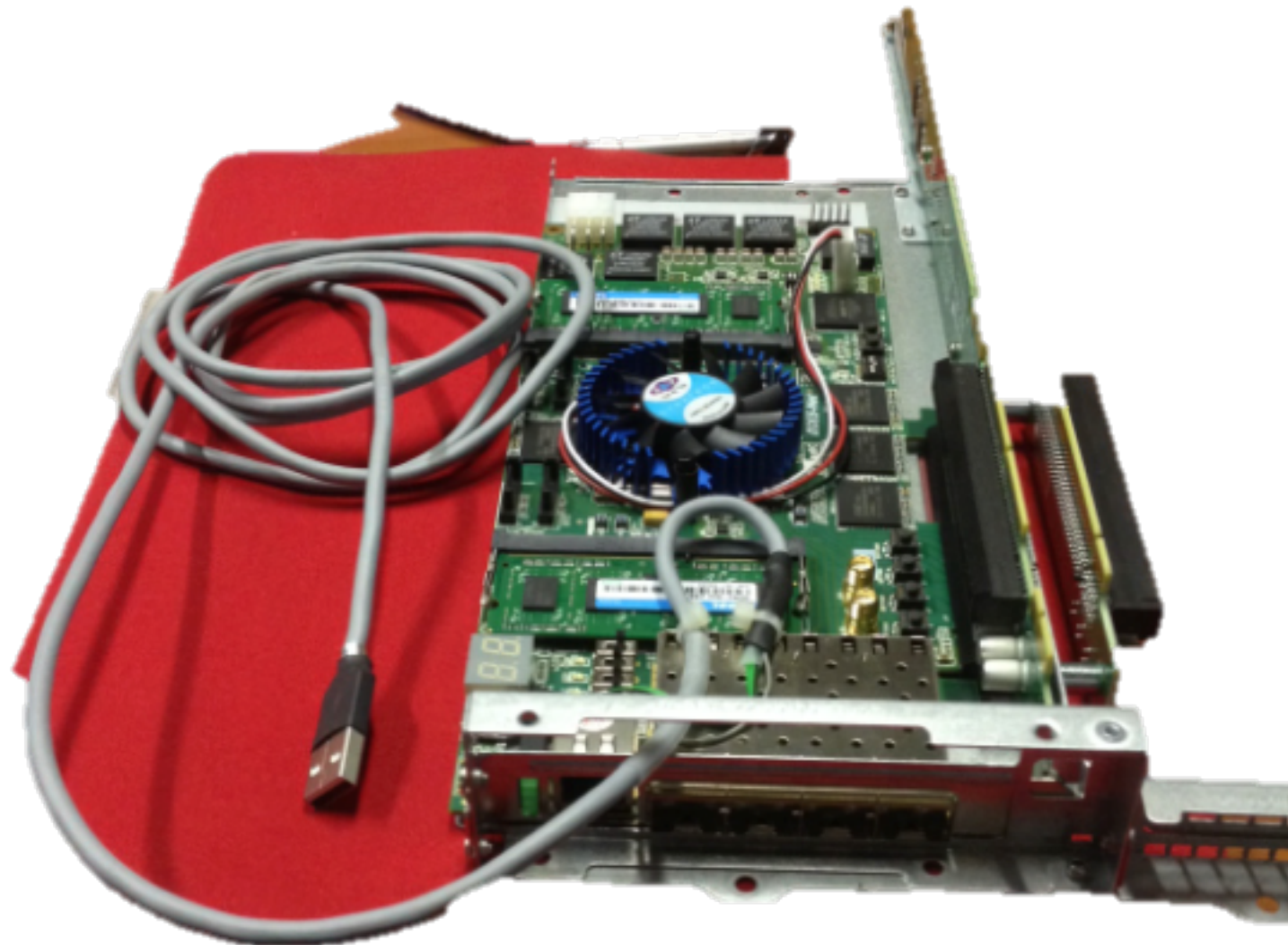
Status of the TriDAS Core (HM, TCPU, TSV)

- The update from phase 2 to phase 3 is almost done

- Plugins needs more tests and probably few changes

- All the TriDAS Core will be put in the continuous-test chain this week (automatic runs which duration ranges from short to very long)

- There are new features that will be implemented <u>after tests</u> (STS and TTS timeout instead of FIFO, gracefully stop of acquisition, …)

Status of the TriDAS - EventManager

- Still using ControlHost, but should be replaced soon by a more scalable system

- PT-file data format is almost finalised and implemented (tests must be done)

- Will be put in the continuous-test chain this week (automatic runs which duration ranges from short to very long)

- Lots of code clean-up and debug has been done and will be continued

TestBench in Bologna

- Modified Terasic for extending the USB Programming port

- Tested the prototype FCMServer setup manual

Outline

- Starting long duration tests at the Bologna Farm (continuous Data Taking) using FCMServer simulators (with data-format yet to update to the very last version)

- Starting integration tests using CNAF resources with the Jenkins continuous integration facility

- Waiting to receive dedicated board for synchronising 2 FCMServer from Roma Group

- Waiting to receive the Terasic + FCM + FEM f/w to start first test with the full chain

- Waiting to agree when to start working at Portopalo (assembling servers in racks, deploy the software, test switches…)