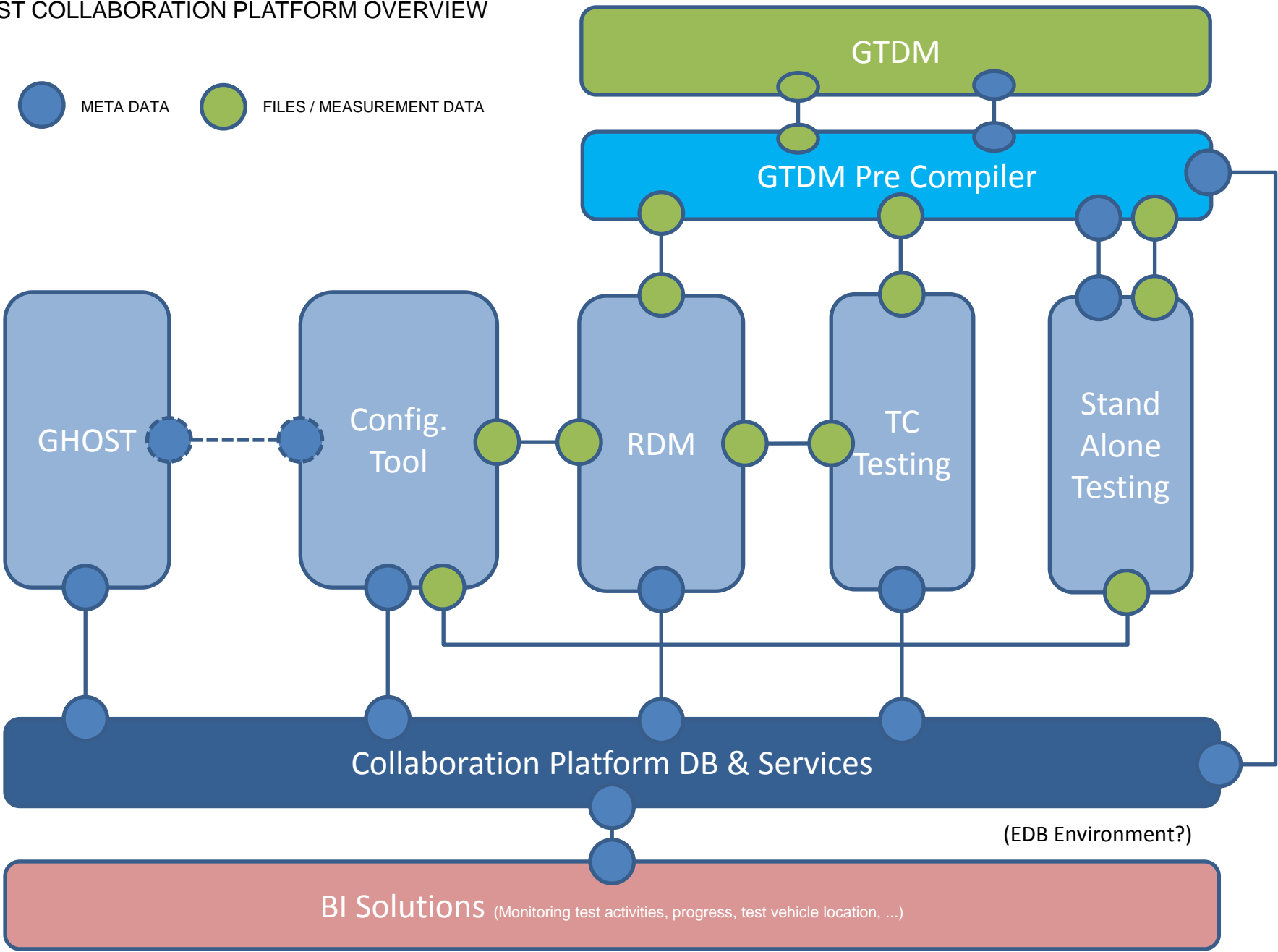
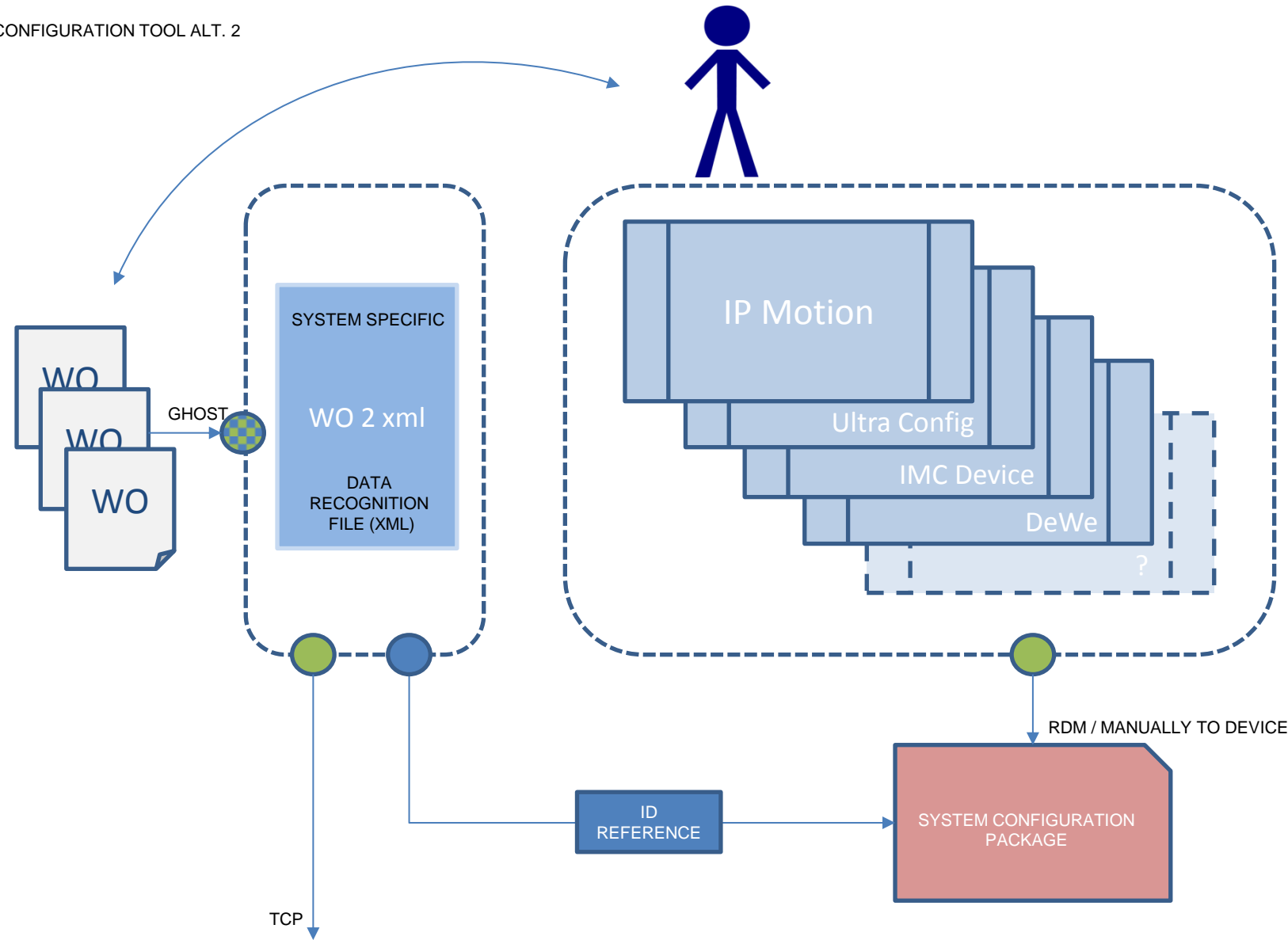
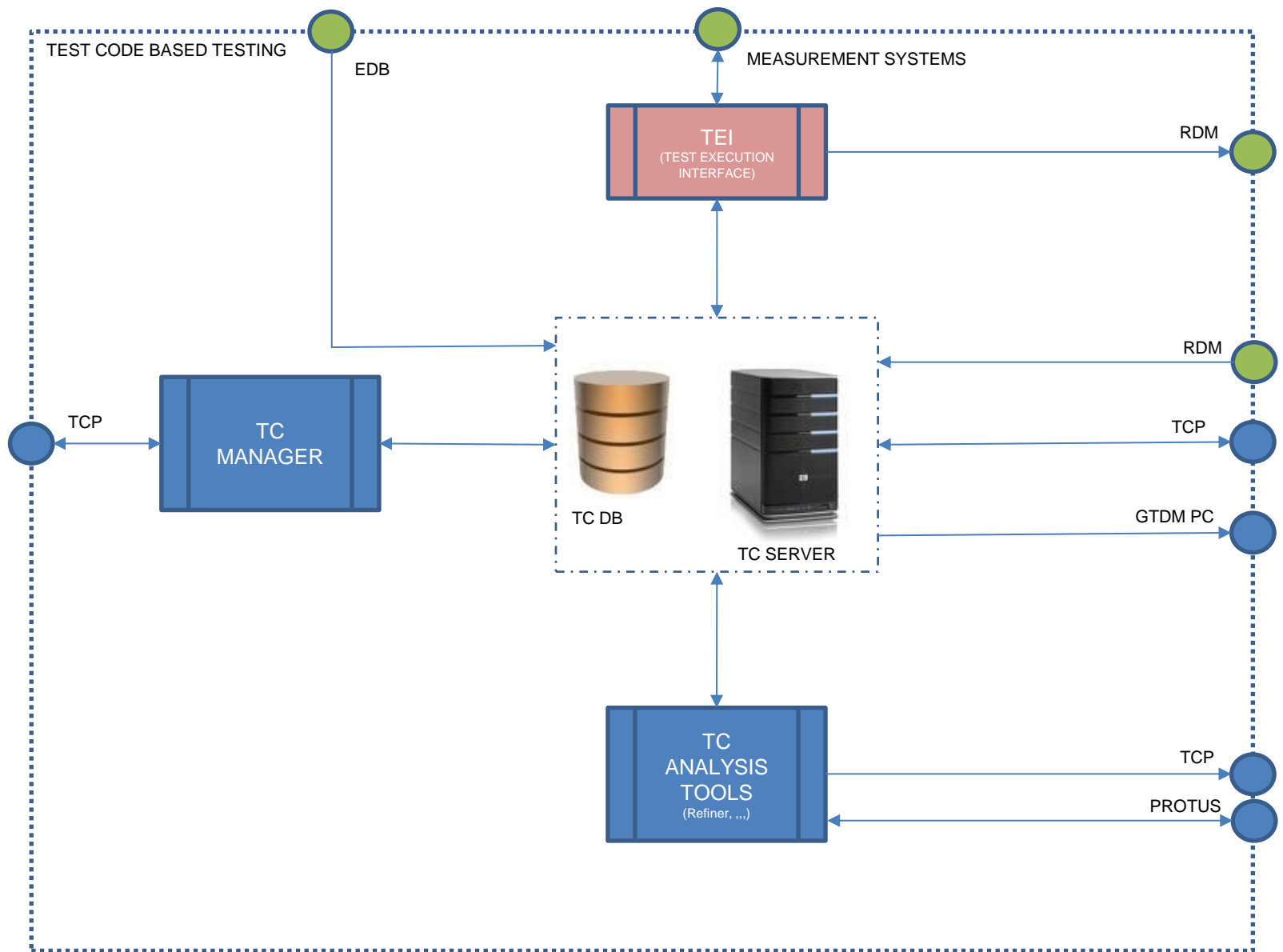
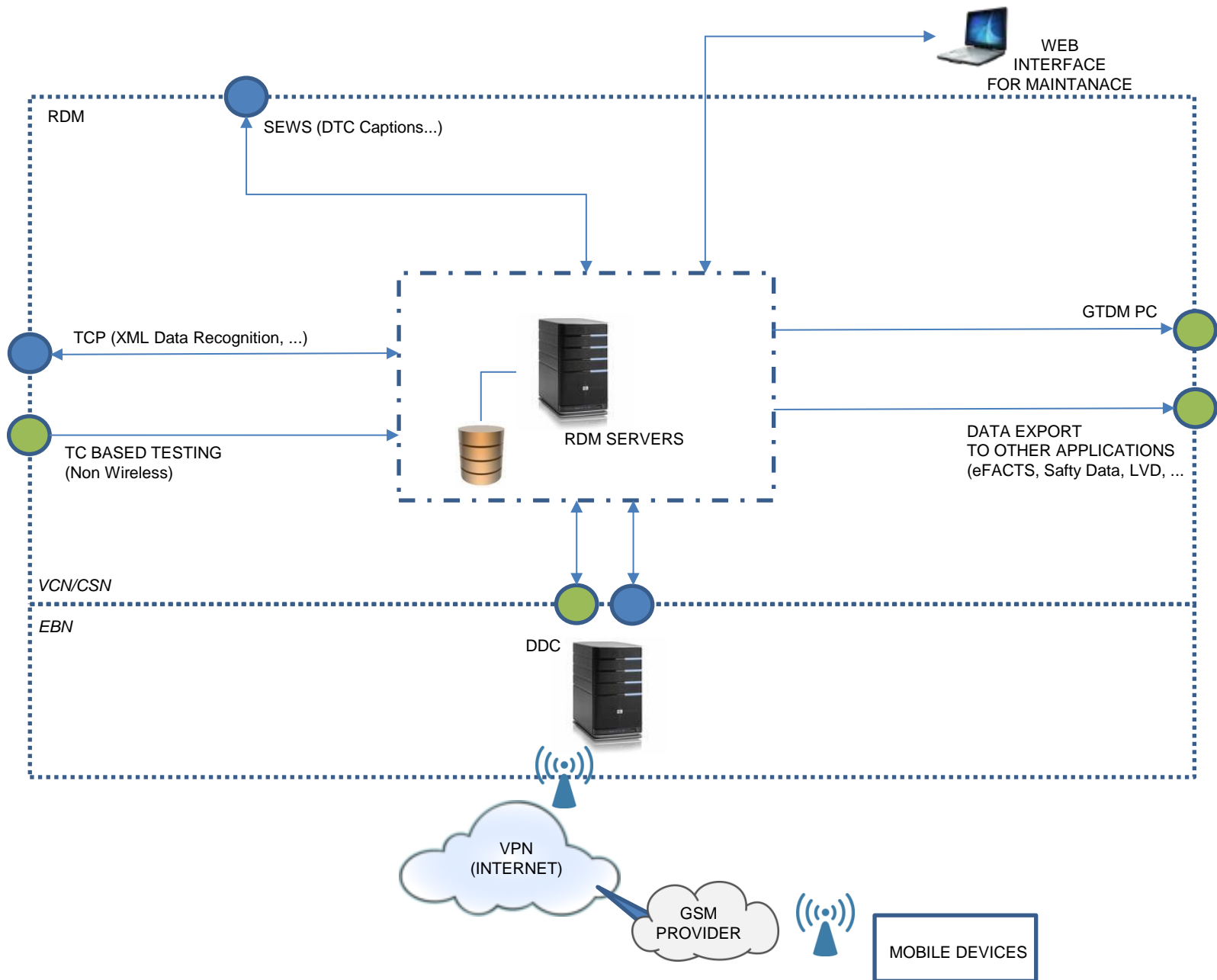


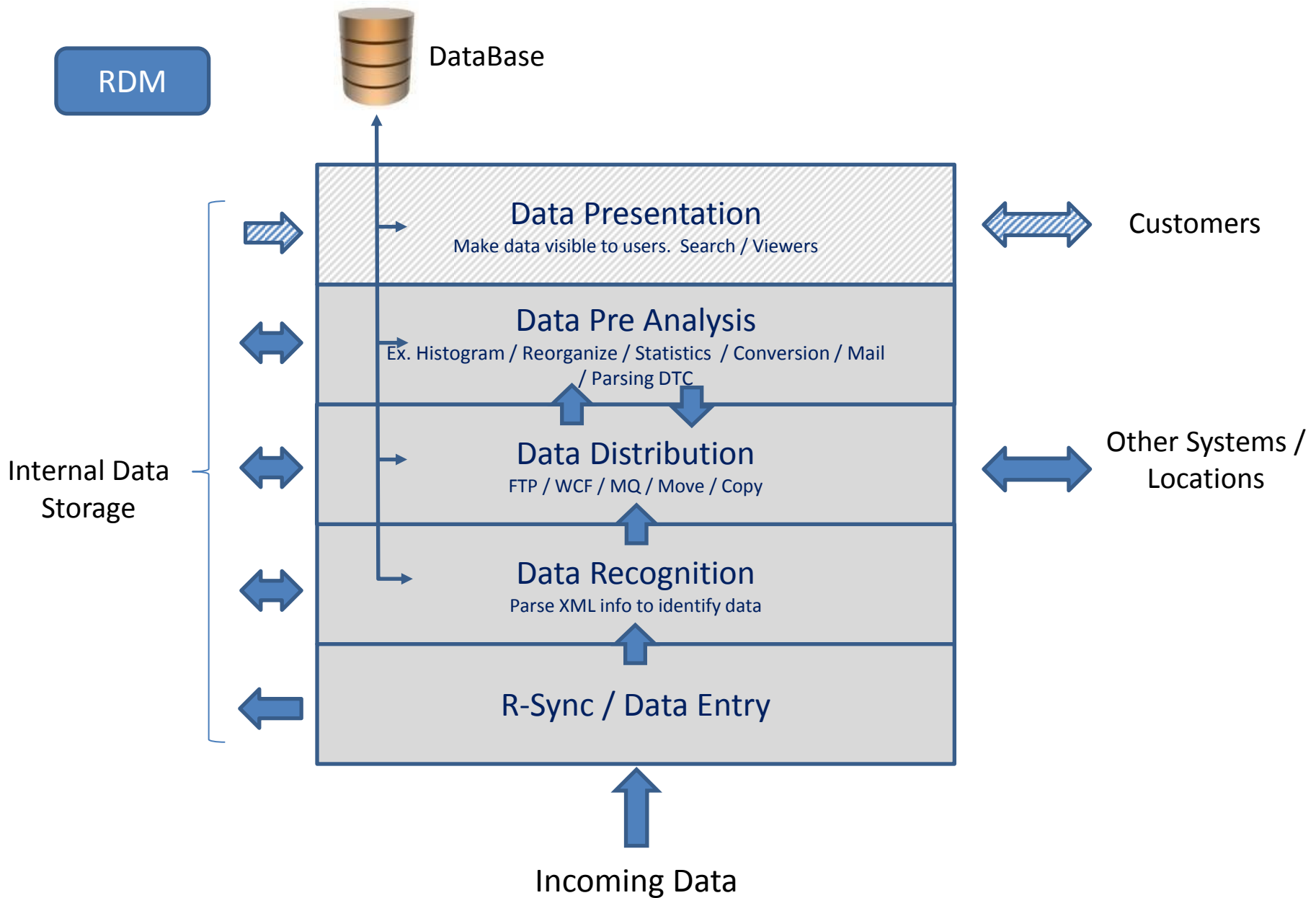
TEST COLLABORATION PLATFORM OVERVIEW





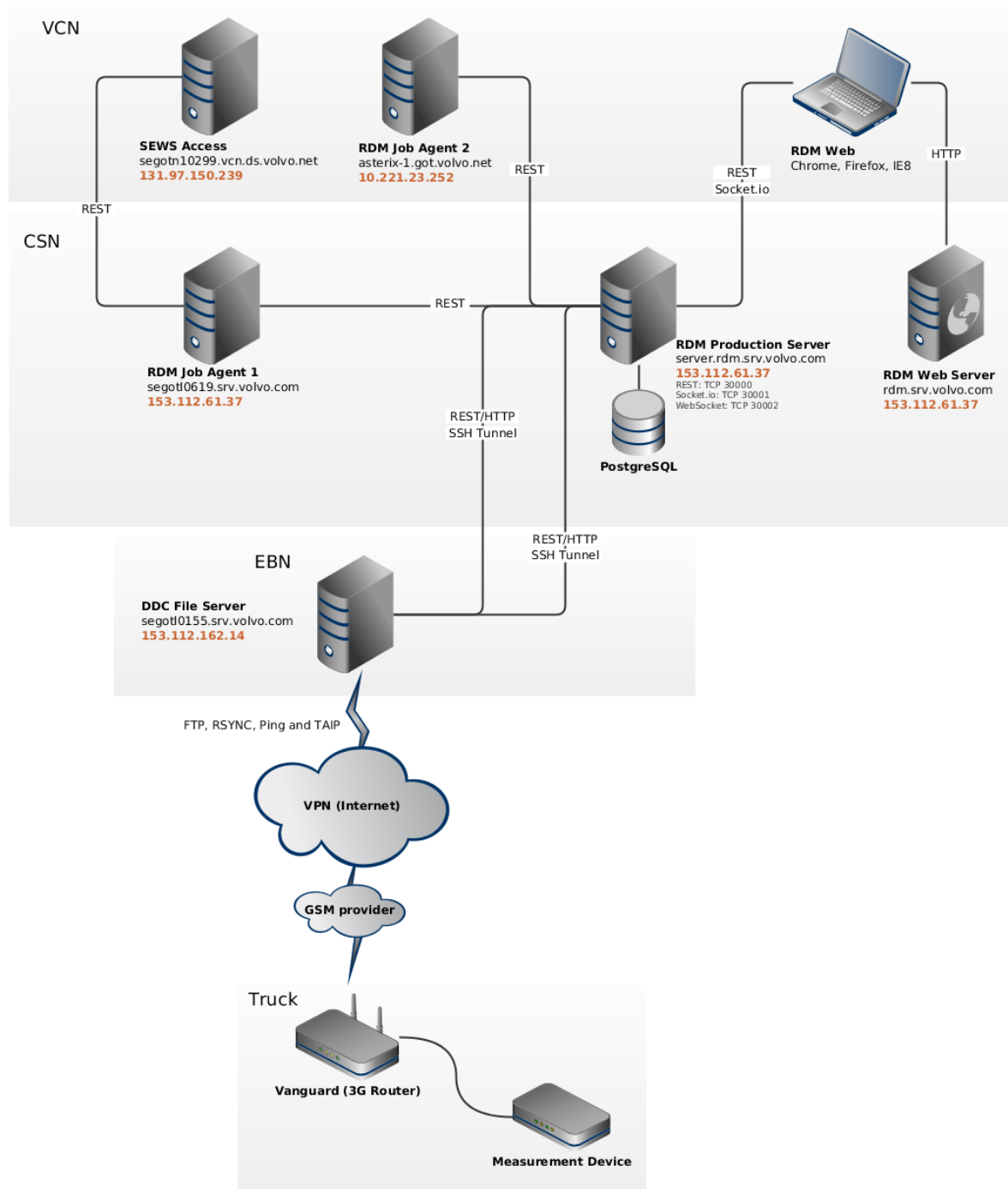




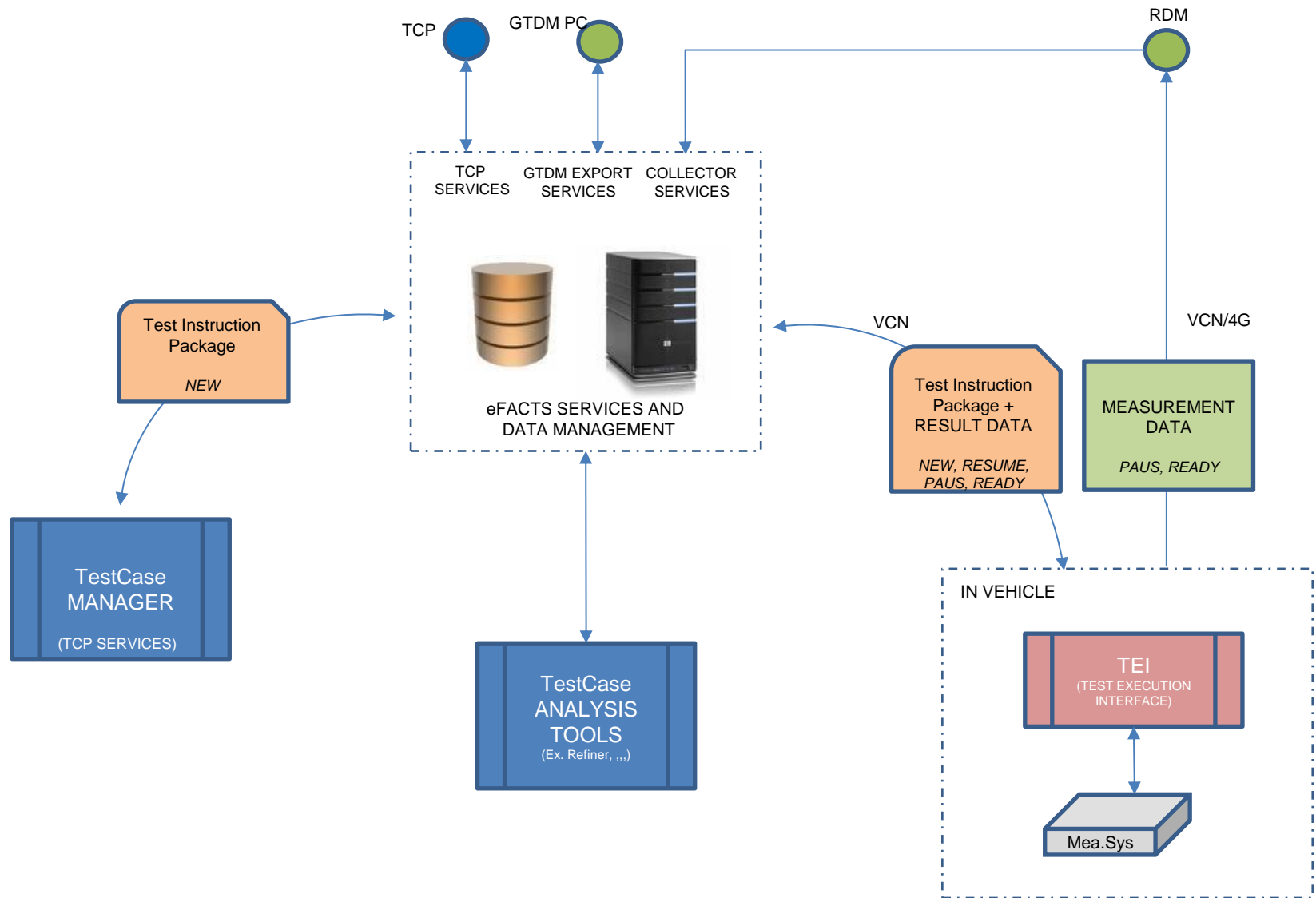


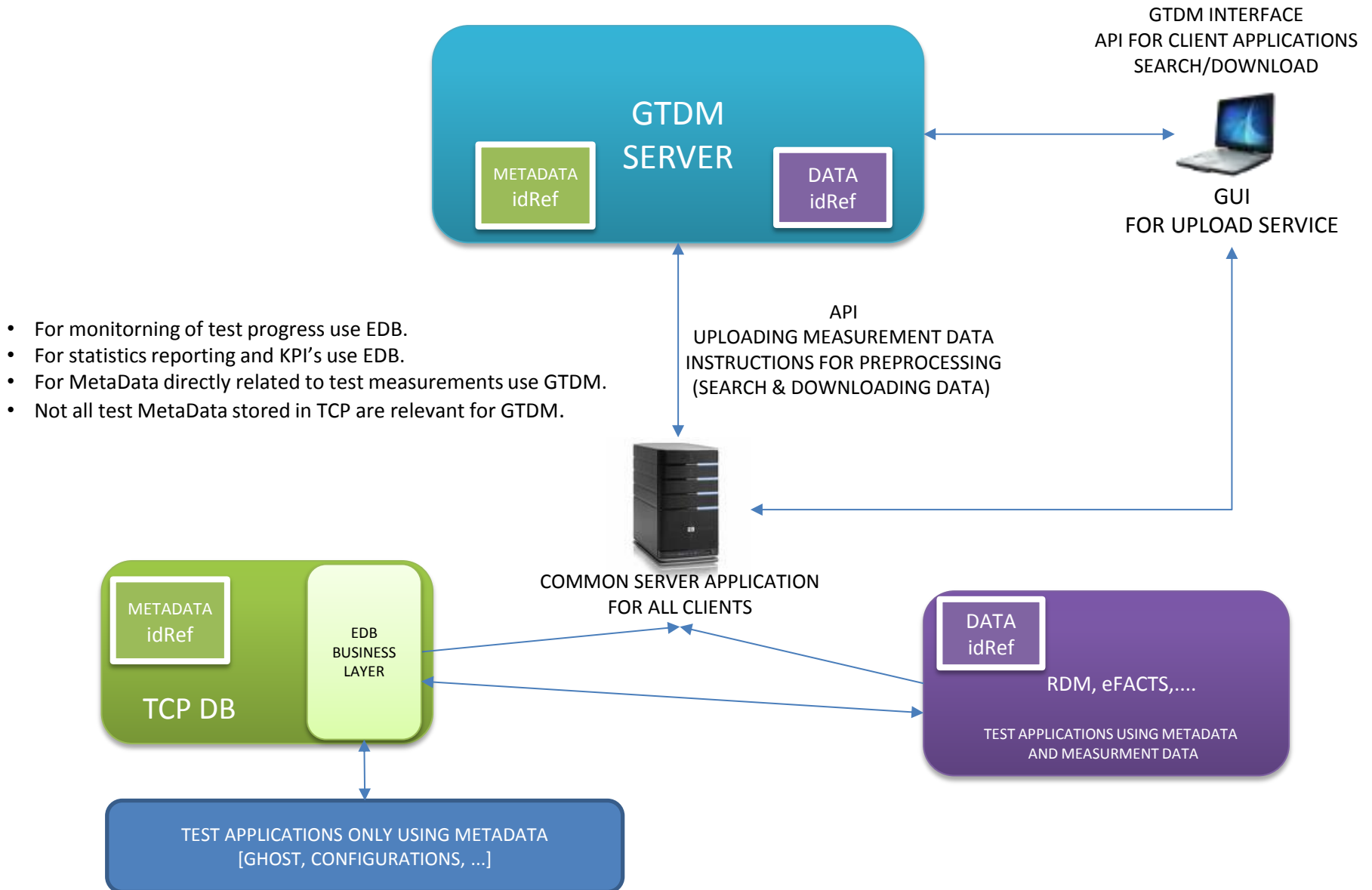
Main functionality RDM

- Manage connectivity with remote test systems (RTS) by using VCS.
- Manage connectivity with RTS via VCN.
- Send configurations to RTS.
- Collect measurement data from RTS.
- Collect metadata from RTS.
 - System metadata
 - Fleet management metadata
- Recognition of measurement data.
- Routing of measurement data to other applications and locations.
- Sending metadata to TCP.
 - Fleet management data (GPS, Connection, ...)
 - Test progress data (No of mea, last incoming, ...)
 - System data (com info, ...)
- Parsing DTC's.
- Create test meta data for BI.
- Use extensive internal logging for system monitoring.
- Sending mail to support when failure detected.
- System maintenance web interface
- Export data/info for GTDM upload (interface)



TestCase TESTING "STEP 2"





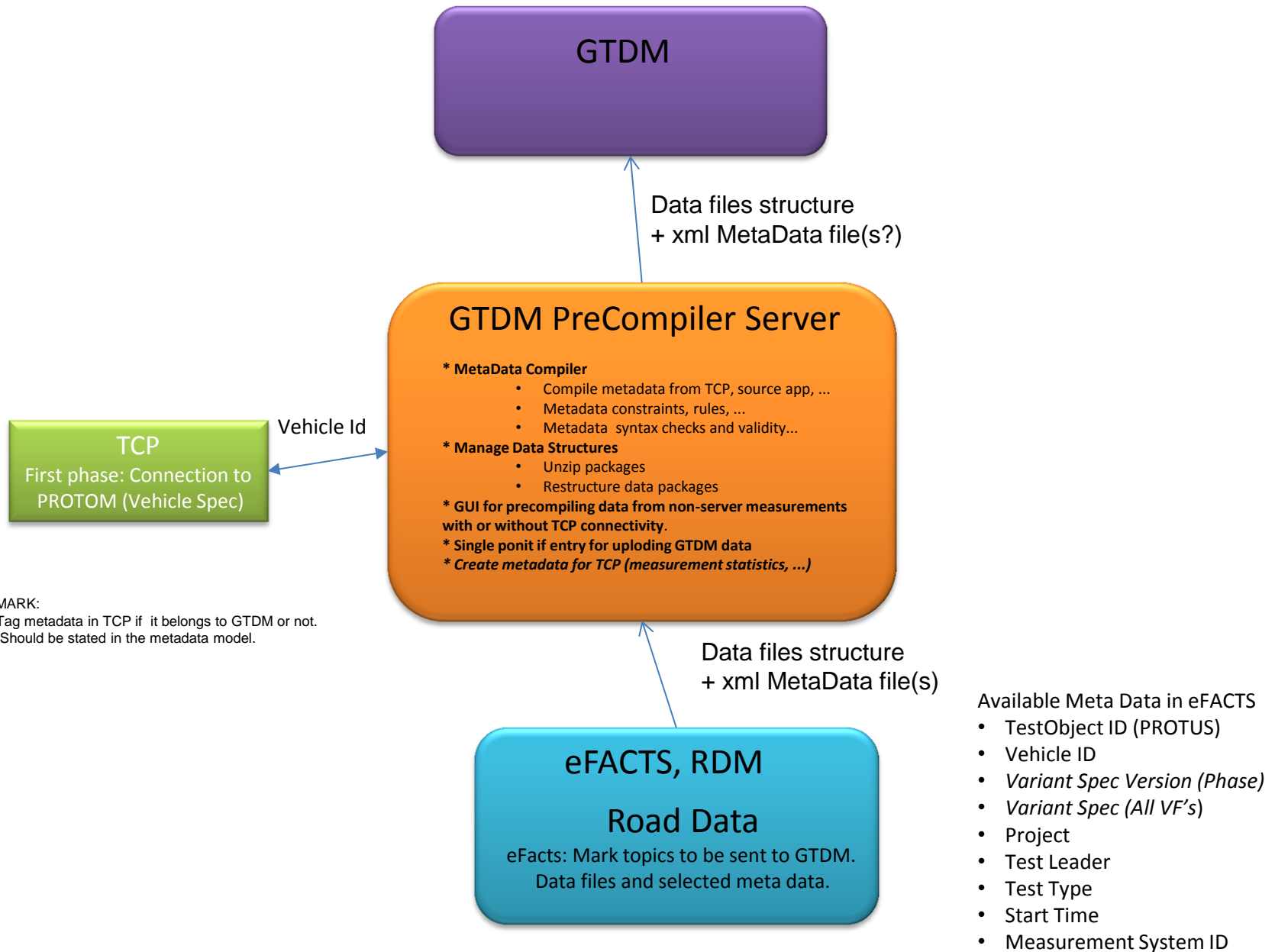
GTDM Scenarios

- Server to Server with TCP
- Laptop to Server with TCP
- Laptop to Server no TCP
- Server to Server no TCP (Rig)
- Laptop to GTDM

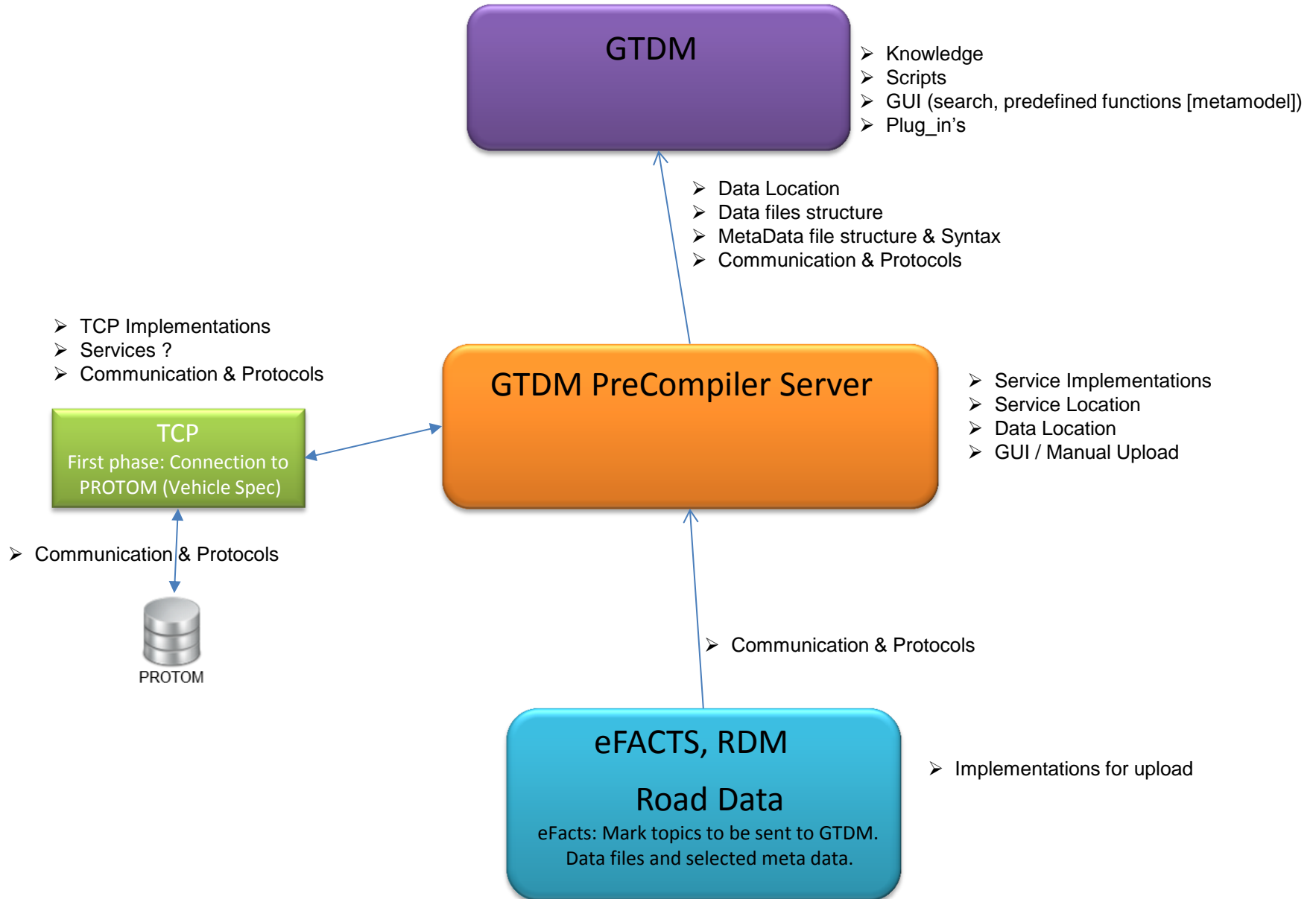
Adding data to existing measurements

- Application to GTDM (E.g. Diadem analysis files, report files)
- Files to GTDM (Photos, videos, documents, ...)

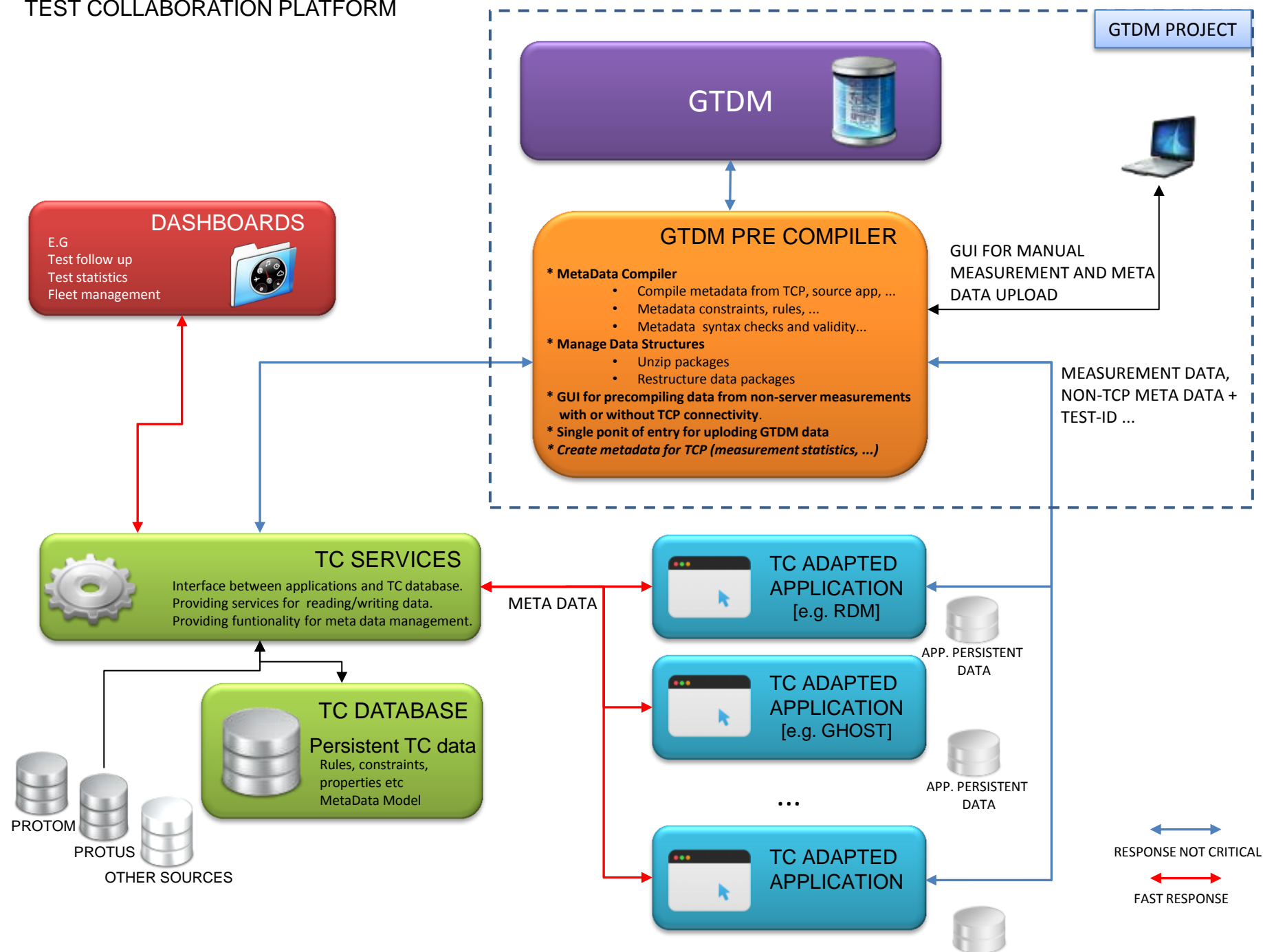
GTDM 1'st PHASE



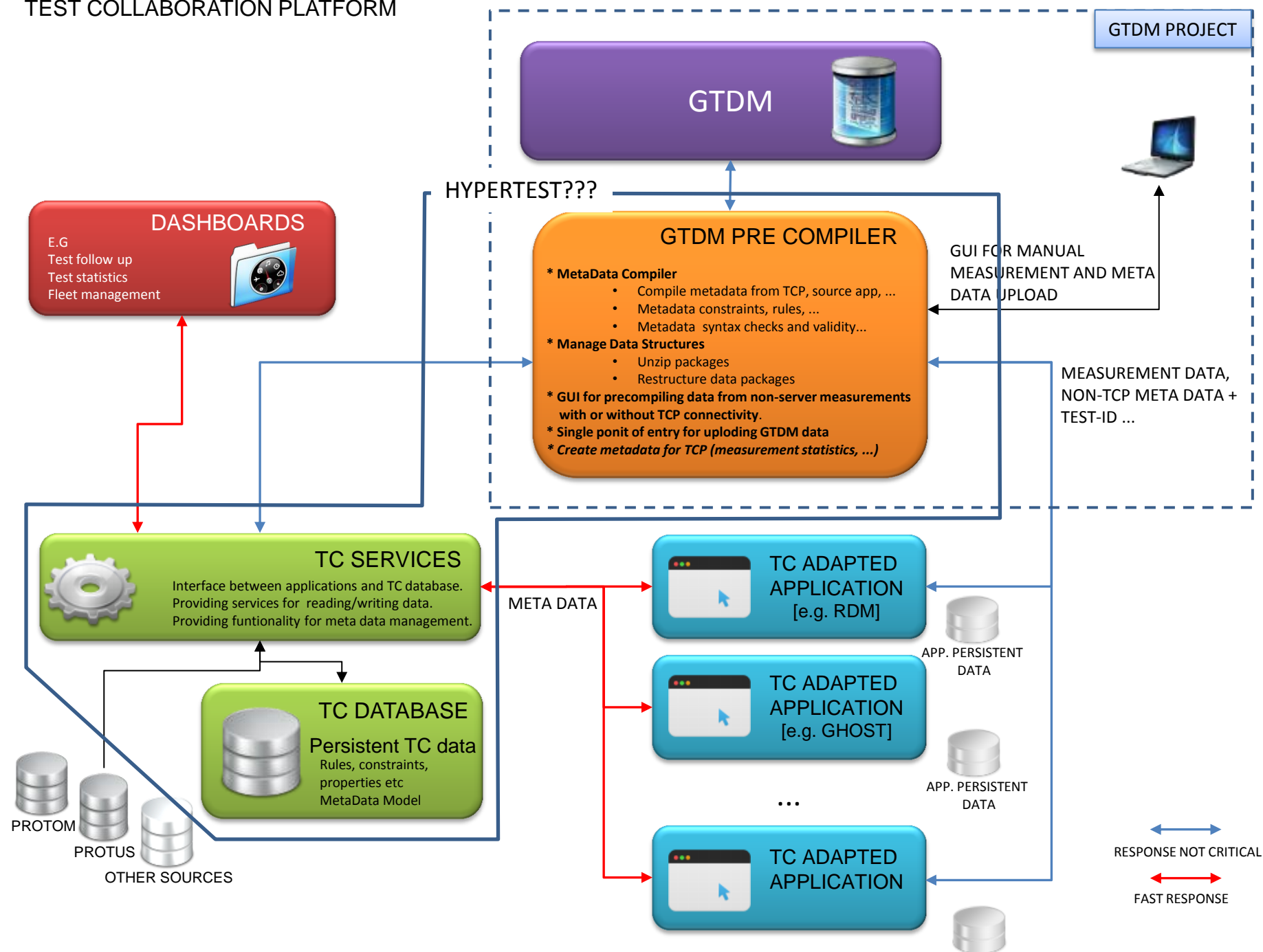
GTDM 1'st PHASE Actions



TEST COLLABORATION PLATFORM

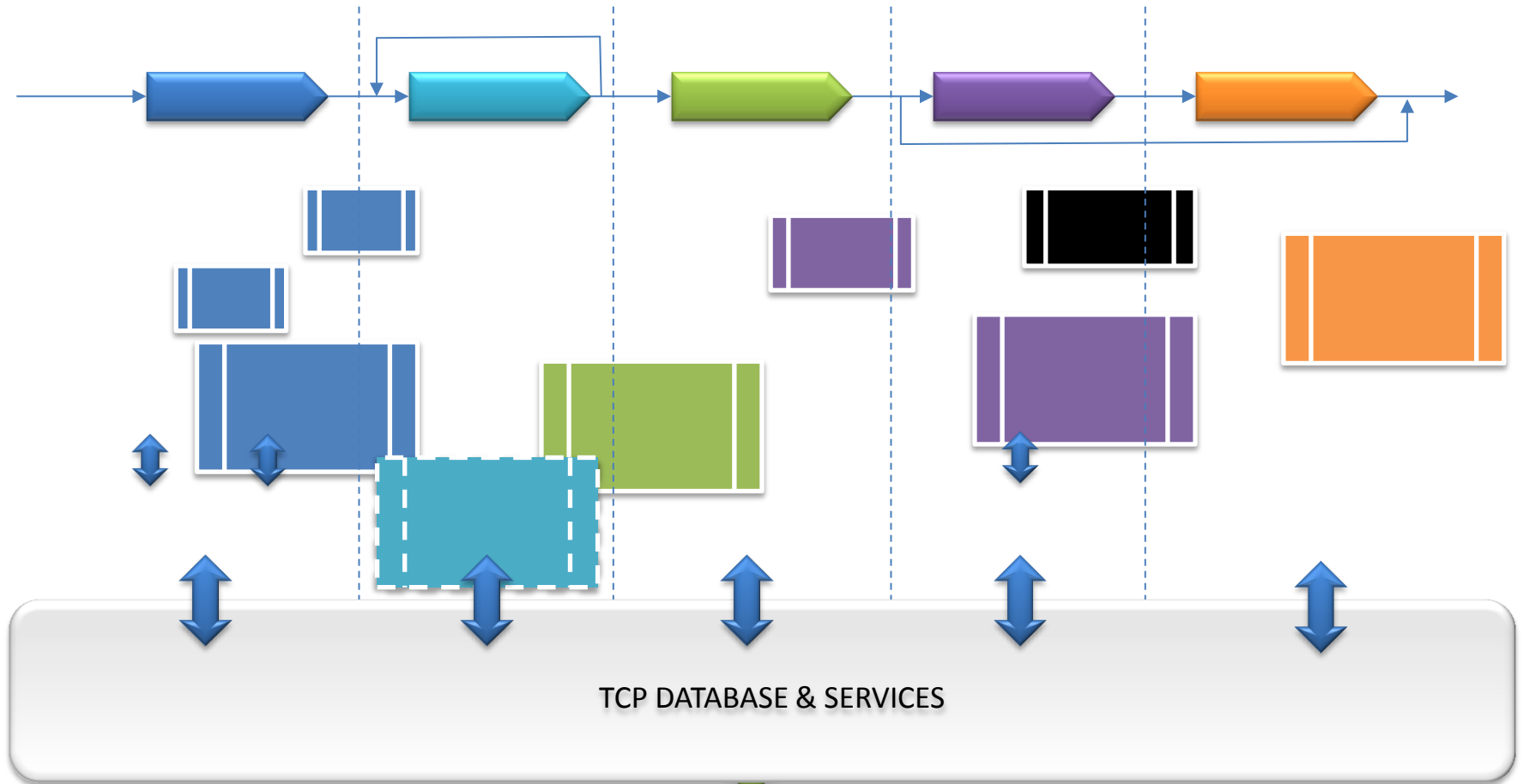


TEST COLLABORATION PLATFORM

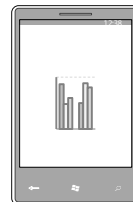
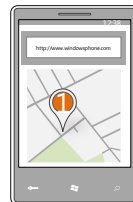


TEST COLLABORATION PLATFORM

- SECURE THAT OUR TOOLS SUPPORTS THE PROCESS (*PLAN & PERFORM TEST*)
- ENSURE THAT WE HAVE TOOLS THAT COVERS THE PROCESS
- CREATE INTERFACES TO ENABLE INFORMATION EXCHANGE BETWEEN TOOLS
- CREATE AN ENVIRONMENT TO CARRY TEST INFORMATION IN A STRUCTURED AND HARMONIZED WAY
- CREATE BI SOLUTIONS FOR MONITORING STATUS AND PROGRESS OF TESTS AND TEST OBJECTS



BI SOLUTIONS



GTDM – Metadata Integration

Long term solution

Sol 1: Merge metadata in GTDM Tools

Number of process to create global metadata file:

- 1 loadramp for Measurement file + Test Metadata File
- 5 Loadramps for Ref Source application (PROTOM, GHOST...)
- 1 merge on GTDM tools

Measurement File

Test Metadata File (XML common format)

Loadramp

Question: Capacity from tool to merge metadata?

GHOST Metadata

PROTOM Metadata

TCP Exchange Process

Loadramp

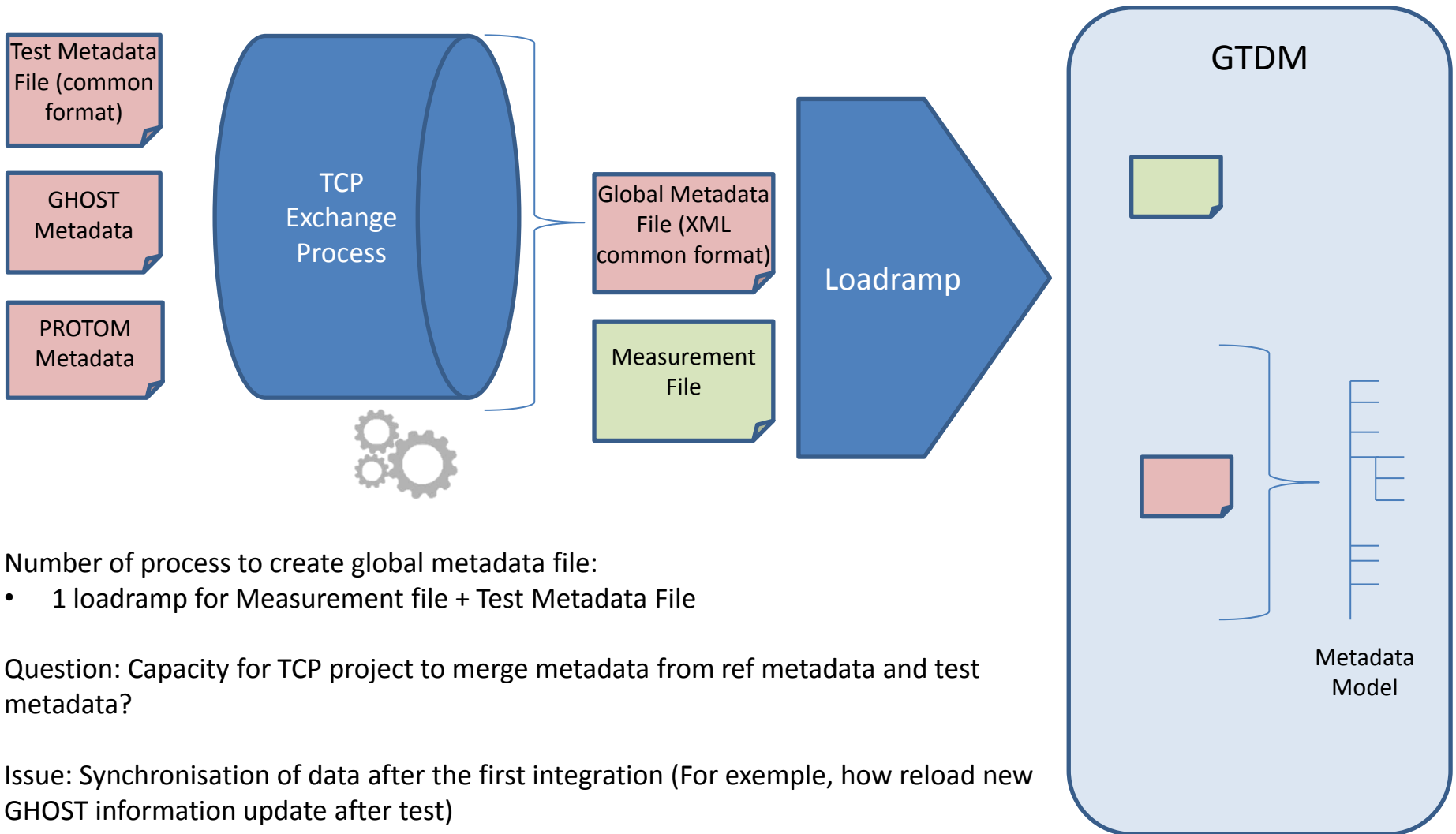
Loadramp

GTDM



Metadata Model

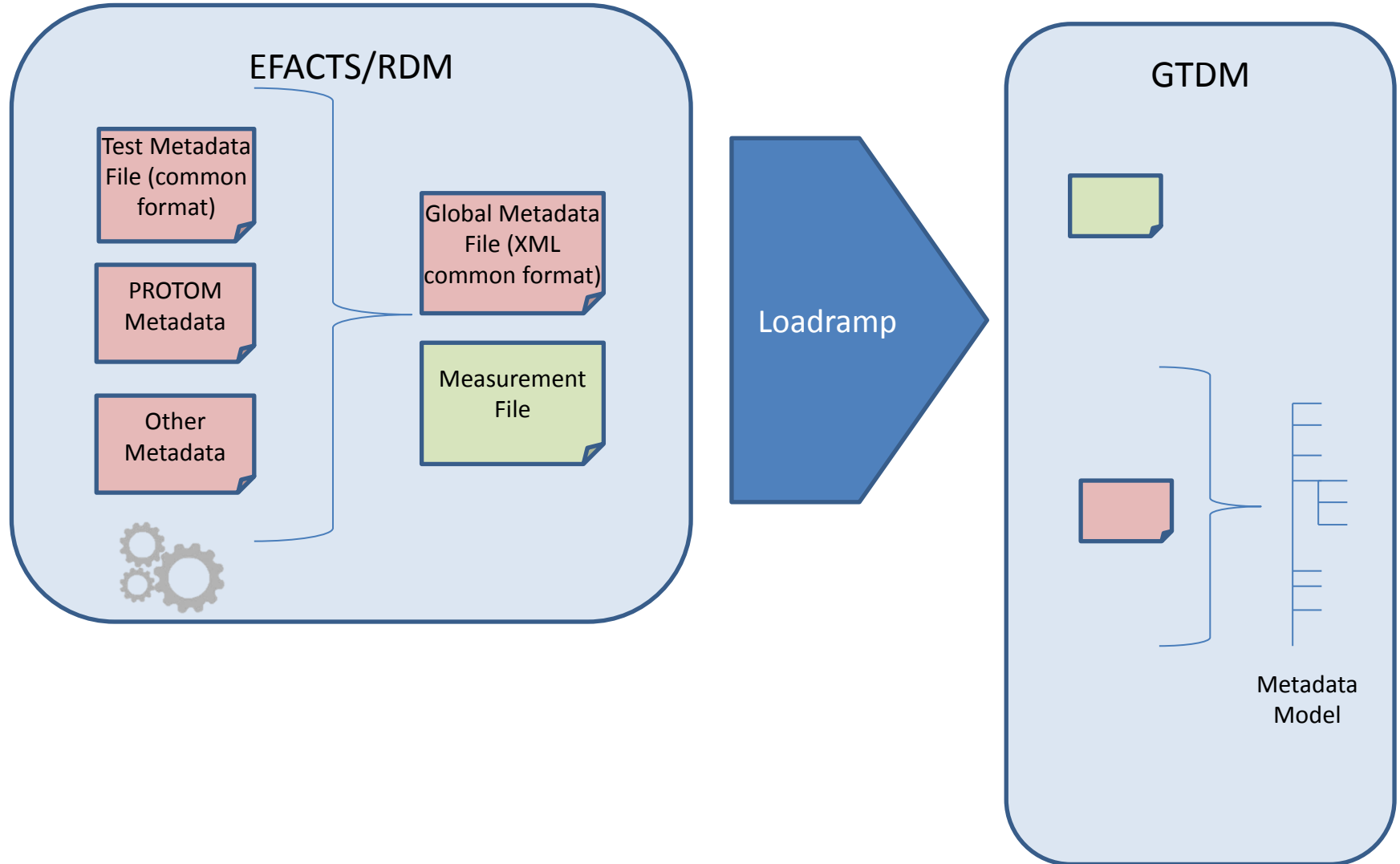
Sol 2 Merge metadata in TCP exchange process



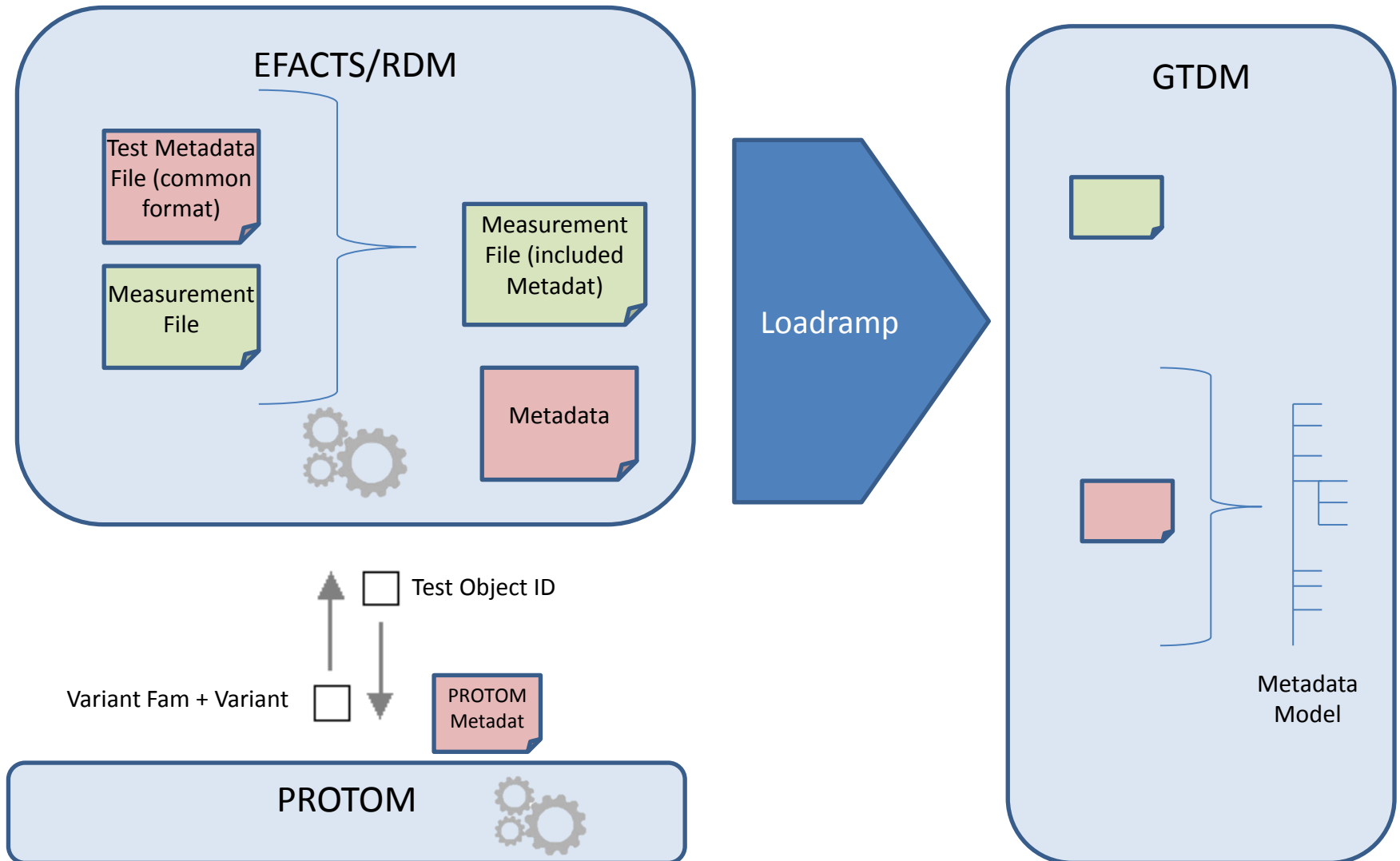
Short term solution

TCP could not supported on short term solution implement on 2016.

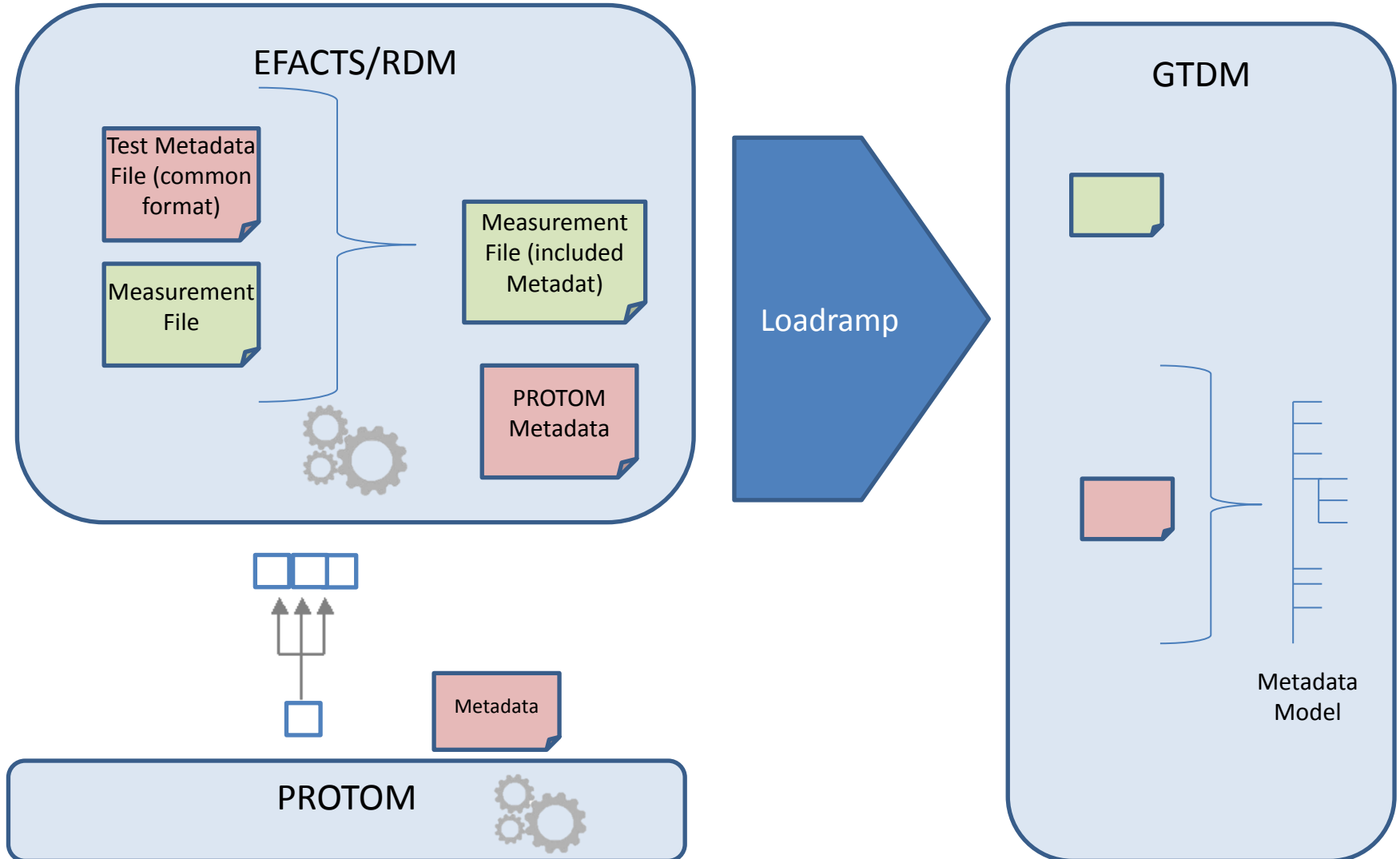
Merge metadata in test applications (EFACTS, RDM...)



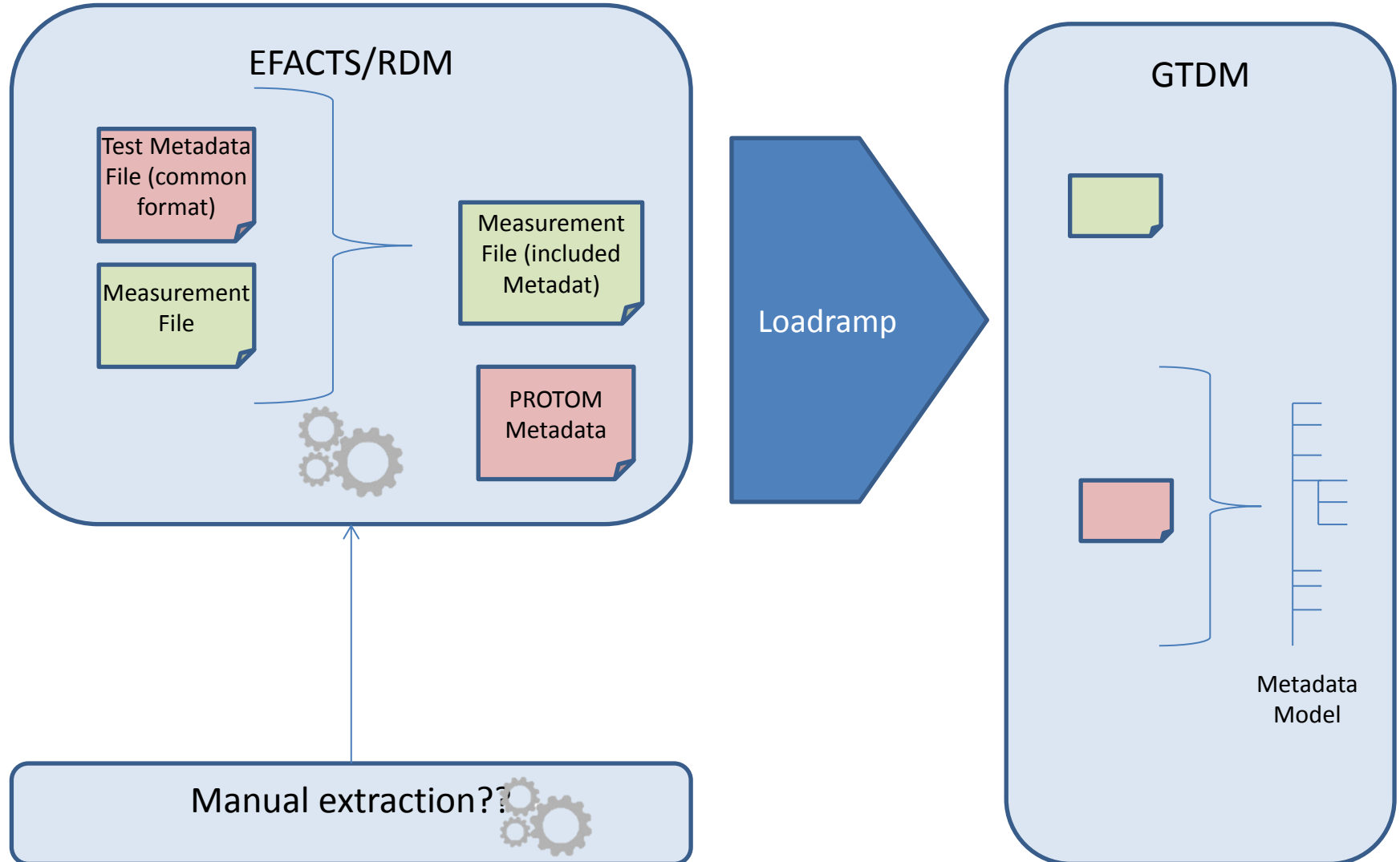
Sol 1: Received specific extraction from PROTOM



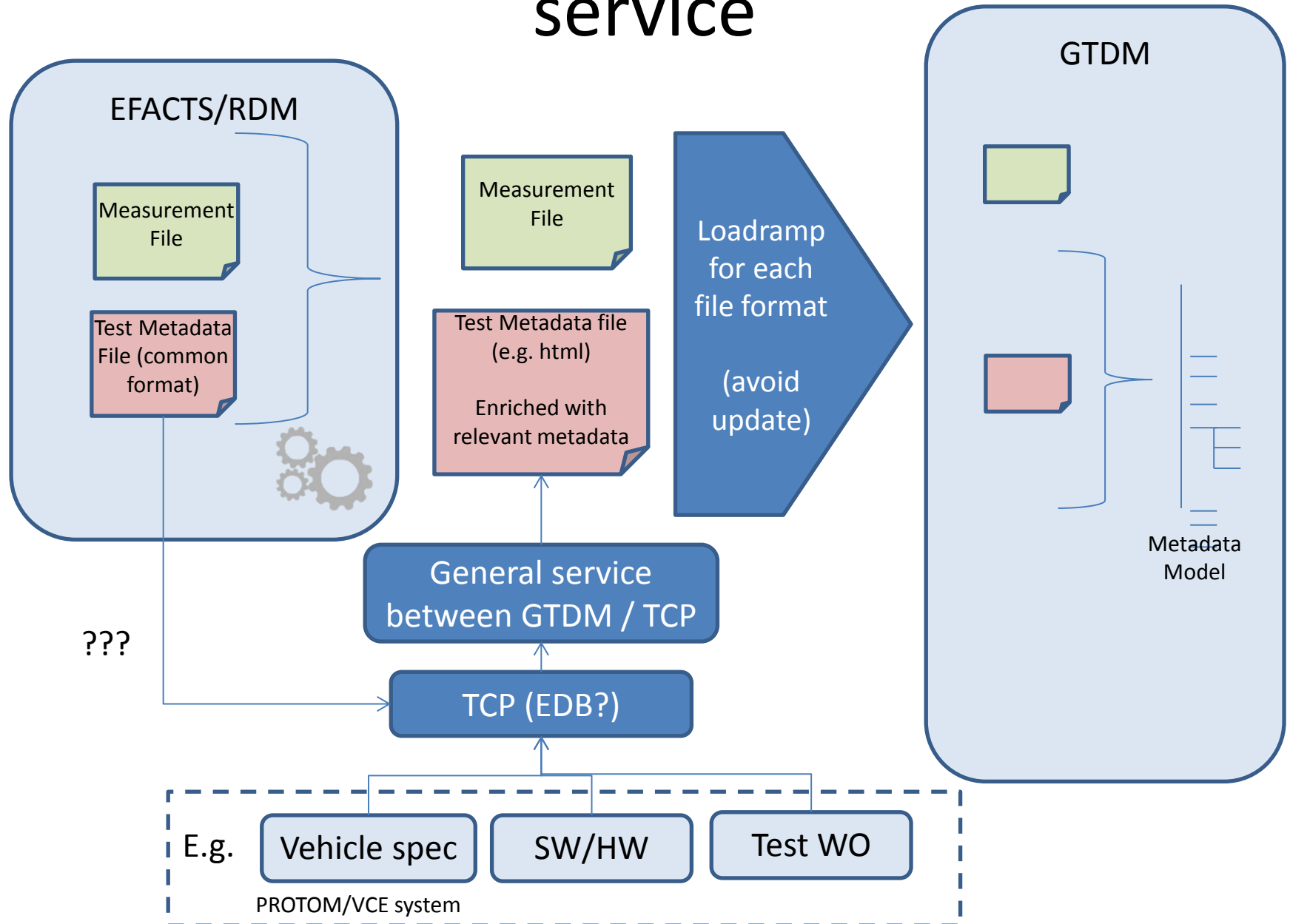
Sol 2: Reuse common service from PROTOM



Sol 3: Implement manual solution



Sol 4: Reuse common meta data service



Sol 5: Reuse common meta data service

