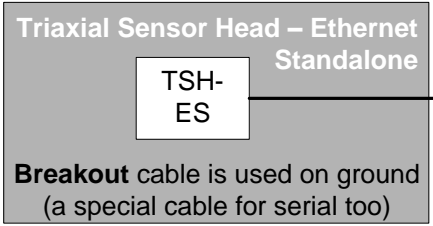
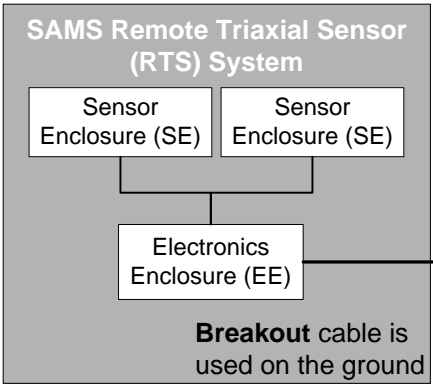
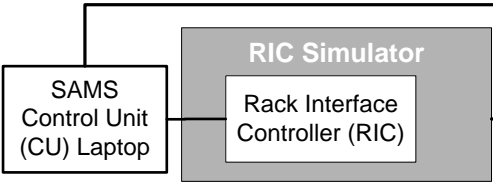


Remote Sensor Subsystems:

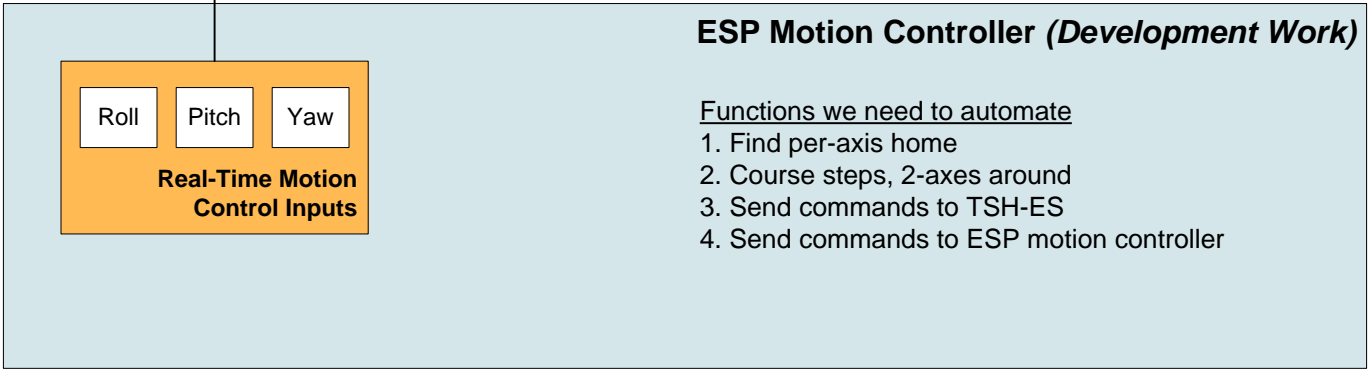
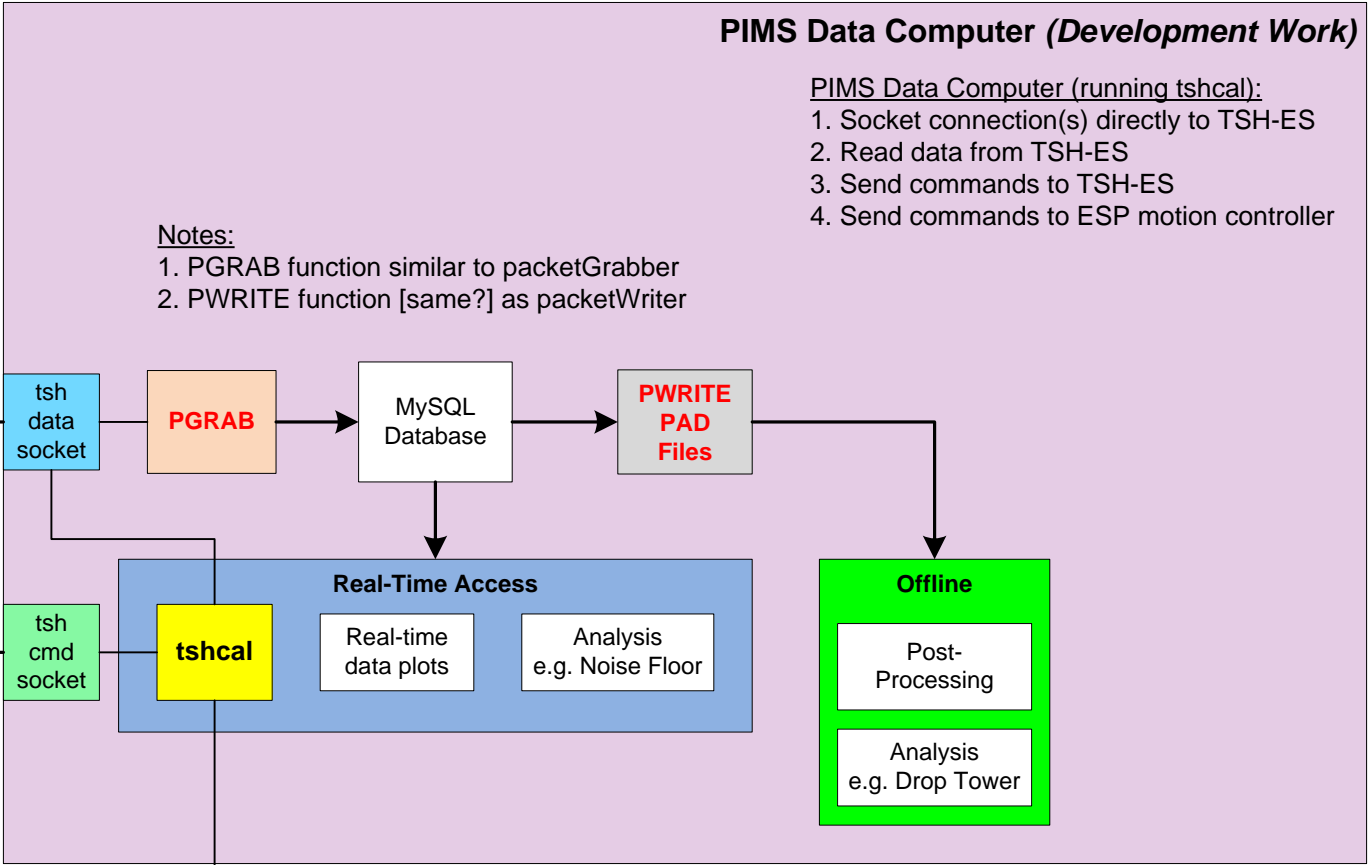
1. Perform signal conditioning
2. Digitize acceleration data
3. Apply compensation?
4. Transmit data

SAMS Control Unit (CU)

1. Controls all sensors (cumain)
2. Serves time via NTP daemon
3. Receives all data from EE/SE and TSH-ES via listener clients (socket connections)
4. Log on directly or via ssh
5. Diagnostics
6. Uses RIC for command path
7. etStore rolling buffer data



Ethernet (LAN)
Primary interface for
SAMS data flow
(UDP packets)



PIMS Data Computer (Development Work)

- PIMS Data Computer (running tshcal):
1. Socket connection(s) directly to TSH-ES
 2. Read data from TSH-ES
 3. Send commands to TSH-ES
 4. Send commands to ESP motion controller

ESP Motion Controller (Development Work)

- Functions we need to automate
1. Find per-axis home
 2. Course steps, 2-axes around
 3. Send commands to TSH-ES
 4. Send commands to ESP motion controller