



COMPARISON

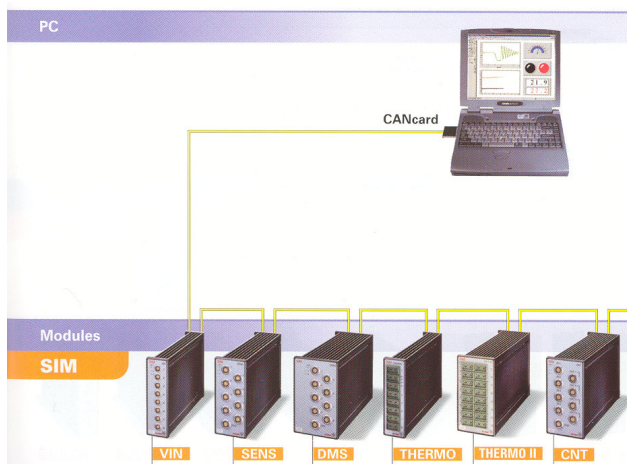
IPETRONIK System Mode/ Free Running Mode

IPETRONIK SIM modules can be used in 2 different modes:

1. Free Running Mode with no Master device required
2. System Mode with SIM-MASTER or Data Logger required

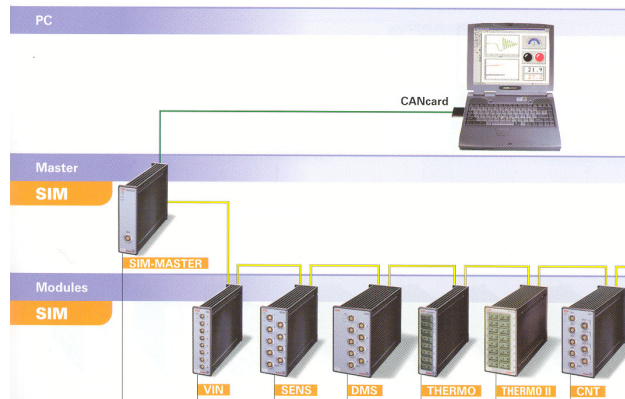
Notebook Free Running Mode

System Overview

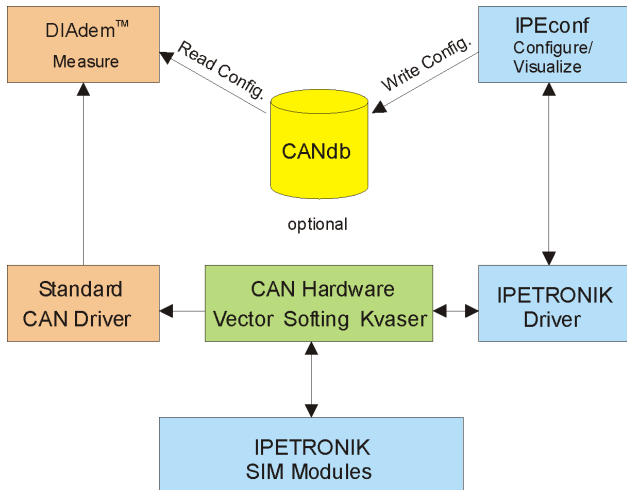


Notebook System Mode

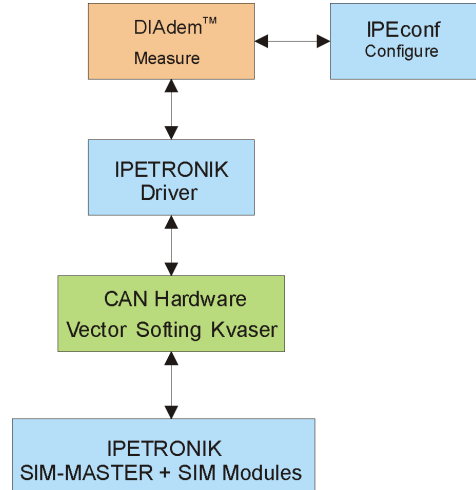
System Overview



Communication (Configuration/ Measurement)



Communication (Configuration/ Measurement)



Characteristics

1. Up to 40 SIM modules within a system
2. Data acquisition software + IPEconf needed each software needs access to CAN hardware
3. Sample and Hold via internal clock
4. Free data output to CAN
5. Transferrate up to 1 Mbit/ s (depending on the bus load)
6. Handling of data ID's and data format by user
7. Measurement via standard CAN driver of the acquisition software

Characteristics

1. SIM-Master + up to 31 SIM modules within a system
2. Only one software + IPETRONIK driver needed one software needs access to CAN hardware
3. Sample and Hold via common master clock
4. Synchronized data output to CAN
5. Transfer rate 666 kBit/ s
6. Handling of data ID's and data format by driver
7. Measurement via CAN driver from IPETRONIK