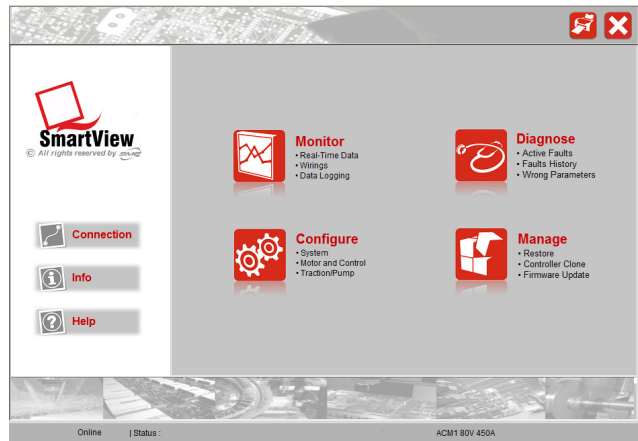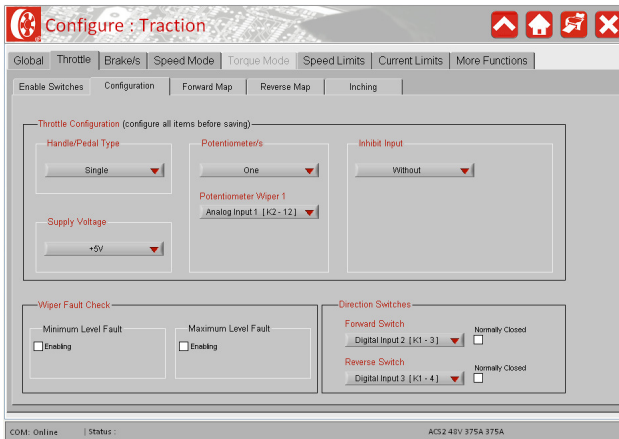The connection between PC and SME Control board is characterized by a 38,4 Kbps.

User can communicate with the controller during working operations and can analyse real-time main system variables.

SME GUI is user friendly and intuitive.

Operator is easily guided through the process of parameter set-up and has an effective data analysis instrument.

SME utility helps user to identify faults and causes of malfunctioning.

Following functions are in particular very useful:

1. **Monitor.** The user can see the real-time state of system, I/O state, battery, motor, controller, active cutbacks and wiring. All these variables can be logged and stored in the specified file.

2. **Configure.** The user can set system, motor & control and traction/pump parameters.

3. **Diagnose.** The user can evaluate the health system state and visualize the active faults list and the fault history.

4. **Manage.** The user can update the firmware, restore default settings and clone the controller parameters.

Please, refer to the specific SME GUI manual for a detailed description of the software and its functions.