

Instrumentation systems

SMC offer a wide range of PC Instrumentation Systems for the marine industry. The graphical interface and connected instruments vary with the application.

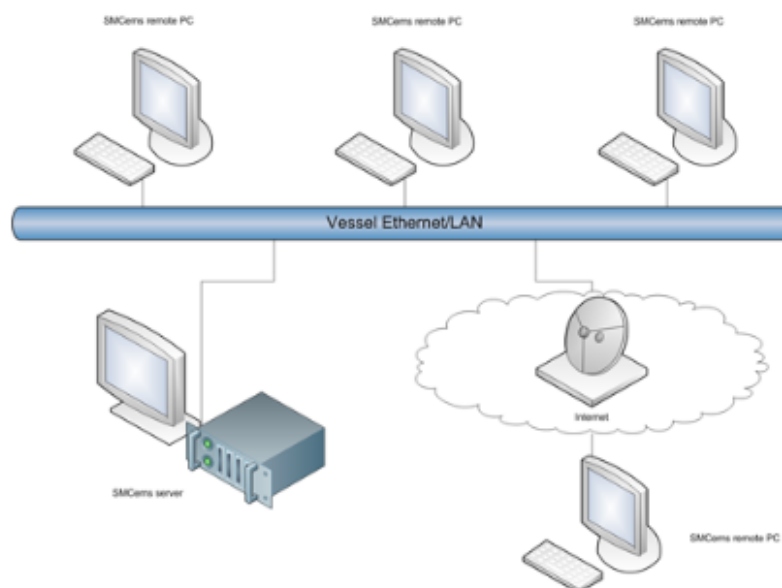
The SMC systems are commonly adjusted to fit the customer application and existing instrument infrastructure.

The received data from the instruments is processed in the integrated software and is displayed in an easy-to-read graphical interface in real time. The captured data is stored in a log file enabling it to be replayed, analyzed in the system log view tool or exported to a comma separated text file (csv) for external analysis.

The data captured and processed by the SMC PC Instrumentation Systems can be distributed over the LAN/Internet. The data can be viewed in a graphical interface in Microsoft Internet Explorer at any PC connected to the network.

Product links

SMCems, Environmental Monitoring System
 SMChms, Helideck Monitoring System
 SMCmms, Motion Monitoring System
 SMCcrane, Crane Boom Camera Monitoring System



Motion Sensor	Vessel Motions
Anemometer	Wind speed and direction
Thermometer	Temperature
Barometer	Air Pressure, QNH, QFE
Humidity sensor	Humidity
Acoustic Doppler profiler	Water currents
Wave heights	Wave Radar/Lasers
Sea water Thermometer	Sea water Temperature
Echo Sounder	Water Depth
Visibility sensor	Visibility
GPS	Position
Gyro Compass	Heading
CCTV camera	Video images