The SST-SDA allows the display, recording and replay of measurement data from multi parameter probe systems as well as navigational information from GPS-receivers with the NMEA183 standard.

**Display of Data**
- **Scrolled** text (smooth scroll)
- **Table** text (all information of a sensor in one line)
- **Large Table** text (large letters to be viewed from a distance)
- **XY - Graphic** (with semi-automatic axis-scalation)
- **Moving Graphic** (simulation of a chart recorder)

All windows are scalable and may be open and active at the same time.
Virtually unlimited number of sensors displayed in each window.
Configuration of text- and graphic windows by intuitive context sensitive dialogs.
Configurations can be stored and reloaded at any time in project files.

**Network**
Online probe data can be distributed to one or more clients via TCP/IP-network.
SDA can be used as server or client or both.

**Storage of Data**
- Storage of data to disk in space-saving binary format (well documented)
- 3 modes for logging:
  - Continuous (all data received)
  - Time dependant (several schemes with/without averaging)
  - Value dependant (pressure profiles etc.)
- Header-Comment stores information about environment or events
- Conversion of binary raw data files to ASCII-files (EXCEL® compatible-format) for further evaluation
- Optional Data evaluation software package available for in-depth validation, filtering and calculation.

**Additional features**
- Online printing for protocols
- Offline printing of graphic windows and scrolled windows
- Offline hardcopy to *.BMP graphic files
- Field calibration for some sensor types
- Air pressure compensation
- NMEA Interface for GPS navigation data