



INSTRUMENT CLUSTER

... start a new driving experience with THOREB's digital dashboard

THOREB's Digital Dashboard is a full LCD Cluster which works in perfect symbiosis with the vehicle. The layout of the cluster can be designed individually to the needs of the customer including freely selectable gauge location, display of camera pictures and full vehicle diagnostics.

When the cluster is integrated with THOREB's multiplex System and built in 3G/4G Communication, W-LAN, GPS and accelerometer, the system can provide advanced diagnostics and fleet management information. An additional keypad provides an easy access to all functions of the system.

THOREB's engineers will assist customers with planning, designing, installing and commissioning the digital dashboard solution.

THOREB

Functions

- Driver instrument cluster
- Communication and interface with other onboard units, e.g. vehicle computers, smart card reader, video surveillance
- CAN interface for engine & gear box diagnostics
- ELSY CAN multiplexing functionality
- Replacement of warning and control lamps
- Reverse camera
- Visible alert the driver and service staff when malfunctions occur
- Displays driver information such as:
 - control and indication symbols
 - present sign settings
 - ELSY electrical architecture information
- Adjustable backlight

Software Application

Visual GCD

Selectable gauge location

Symbols can set individually

Advantages

- ✓ **Full LCD Cluster**
- ✓ **Easy to adapt and install**
- ✓ **Individual design**
- ✓ **Power over Ethernet (PoE) Connection available**
- ✓ **Activation/Deactivation of functions with an additional keypad**

