EMON-K1 for CAN-bus monitoring
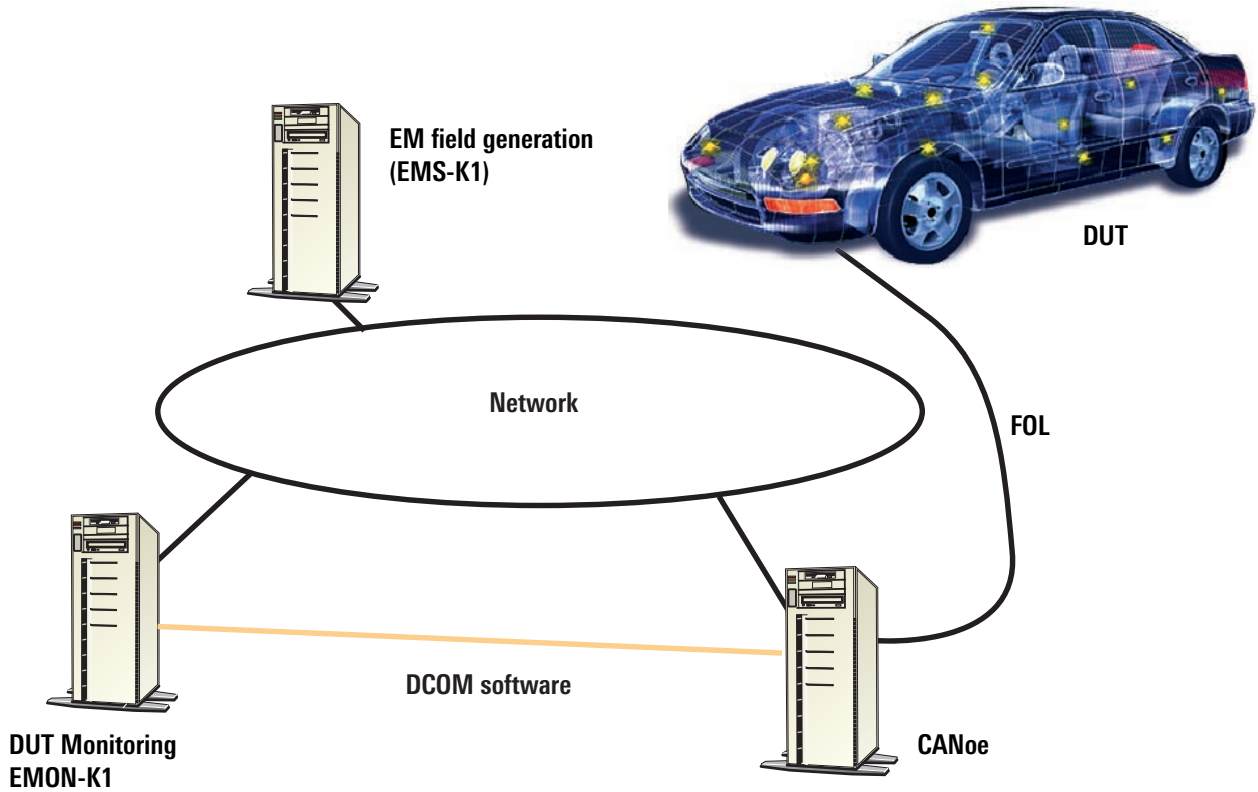
CAN-bus monitoring when performing EMS measurements with EMS-K1

◆ Runs under Windows NT 4.0
◆ Starts and stops measurements in CANoe
◆ Measurands that can be queried:
  – CAN-bus signals
  – Parameters for bus statistics
◆ Weights measurement results according to settable criteria, e.g. DUT malfunction yes/no

◆ Graphical and tabular display of measurands versus frequency of interfering EM field
◆ Sends measured field parameters (frequency, level, antenna polarization) to CANoe and signals DUT failures

◆ Starts user-specific actions on the CAN bus
◆ Powerful reporting tool
◆ Loading of databases in CANoe from EMON-K1 (as soon as supported by CANoe)

ROHDE & SCHWARZ

EM field generation (EMS-K1)

DUT

Network

FOL

DCOM software

**DUT Monitoring
EMON-K1**

CANoe

Software requirements

- ◆ CANoe, Vektor Informatik GmbH, as of version 3.0.40
- ◆ EMON-K1, Rohde&Schwarz, version 2.0.0
- ◆ EMS-K1, Rohde&Schwarz, Vers. 1.20 with option EMS-K70

Miscellaneous

- ◆ Networked PC or controller operation recommended
- ◆ Software packages EMON-K1 and CANoe can be installed on the same PC or controller
- ◆ CAN-bus fiber-optic cable extender

Certified Environmental System
ISO 14001
REG. NO 1954

Certified Quality System
ISO 9001
DQS REG. NO 1954

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