



TELEFUNKEN
RACOMS

Train Communication

TELEFUNKEN RACOMS TReeBee® Software Package

TRSP

Data Sheet

TRSP SOFTWARE PACKAGE:

- DRIVERS
- CONFIGURATION TOOLS
- PROXY
- GUI
- LIBRARIES
- LABVIEW™ MODULES
- DIAGNOSIS



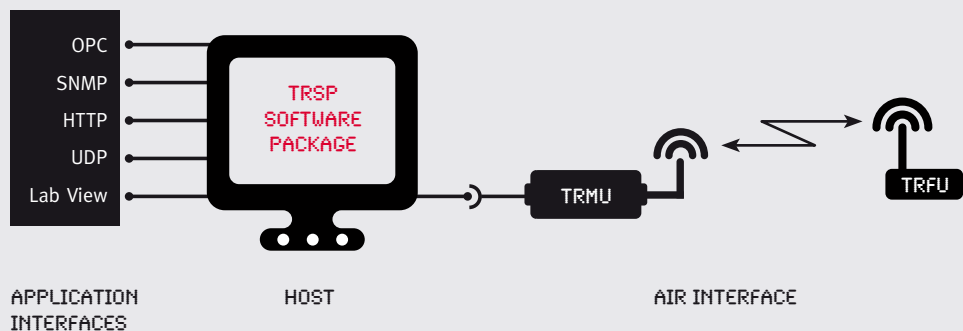
WE KEEP IN TOUCH

Wireless Network Solutions for Supervision, Monitoring, Measurement and Control

Technical Data and Characteristics:

The TReeBee® Software Package (TRSP) is a software suite for TReeBee® wireless sensor networks to be used in combination with a TReeBee® Master Unit (TRMU). This combination forms a gateway for TReeBee® sensor data exchanged between the TReeBee sensor network and typical user applications.

For an easy and flexible access to the TReeBee® sensor network, the TReeBee® SW Package provides a set of standard IP based interfaces, like HTTP/XML, SNMP, UDP, OPC and LabVIEW™. It can be installed on various PC or host controller hardware and provides simultaneously access to the sensor data by multiple user applications.



The software package comprises:

- drivers for the TReeBee Master Unit (TRMU)
- a proxy as a background service
- a GUI for sensor/actor access and device configuration
- various LabVIEW™ modules
- a UDP library for customer applications

Hardware Requirements

CPU	Intel x86 / > 500 MHz
RAM	> 128 MB
HD	> 50 MB
Interface for TRMU	USB 2.0

Operating System

MS Windows (XP, 7), Mac OS X 10.5, Linux (Debian ETCH 4.x, Lenny 5.x, Ubuntu 9.10)

SW-Interfaces

HTTP / XML (with web server e.g. Apache or Lighttpd), SNMP (with net-snmp daemon), UDP, LabVIEW™ Device Driver and OPC

Other Requirements

Programming Library version > QT 4.2