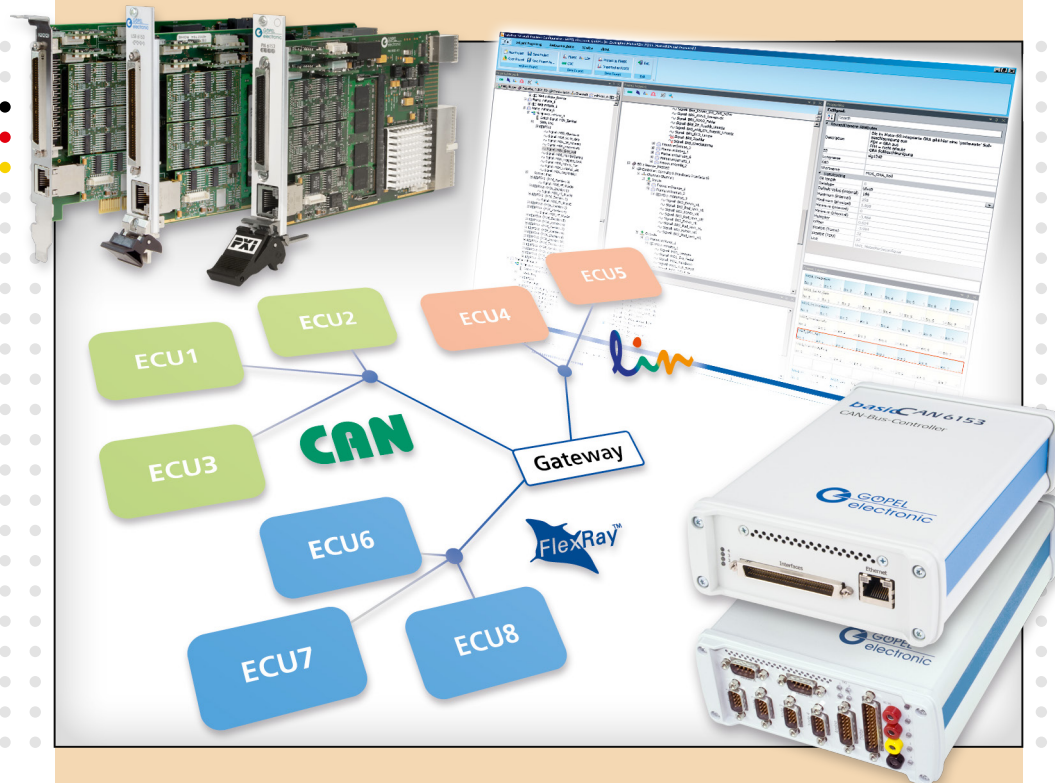




# Net2Run

The easy way to simulate complex in-vehicle networks and gateways



**Net2Run** is a GÖPEL electronic solution for signal based **Residual Bus Simulation (RBS)** in heterogeneous in-vehicle networks.

Net2Run is fully compliant with the AUTOSAR approach of a consistent signal access as well as a PDU concept for **CAN, LIN and FlexRay** buses. In addition to conventional **Residual Bus Simulation**, gateways on signal and PDU level can be implemented.

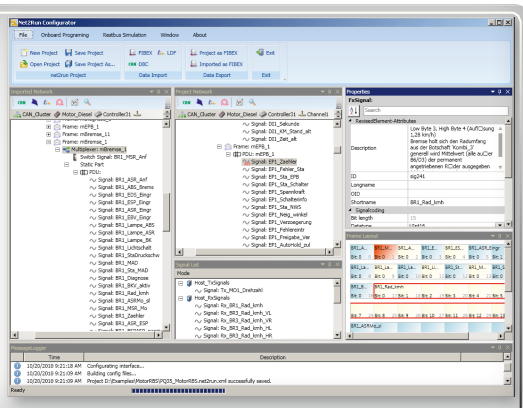
The configuration of **Residual Bus Simulation (RBS)** will be done via the **Net2Run Configurator** based on one or several CANdb, LIN or FIBEX databases (\*.dbc, \*.ldf, \*.xml).

The Electronic Control Units (ECU) to be simulated and their messages are selected and easily added to the simulation using a few mouse clicks only.

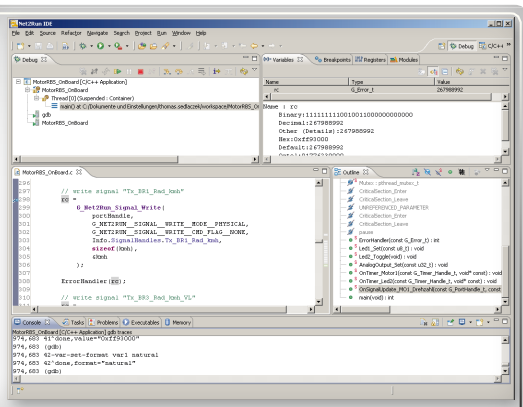
The Net2Run GUI (Graphical User Interface) enables fast signal access. Additionally, the G-API (for "C" and LabVIEW™) provides simple functions for signal manipulation. These functions can be used on the host PC for remote access as well as for programming on-board hardware controller of **Series 61**. Therefore, GÖPEL electronic offers **Net2Run IDE**. A complete tool chain to create real-time capable on-board programs.

# Automotive Test Solutions

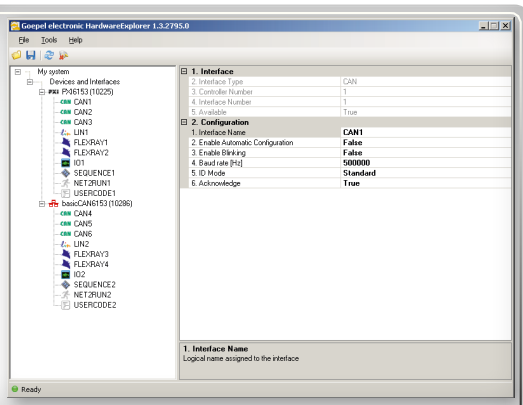
## Net2Run



Net2Run Configurator



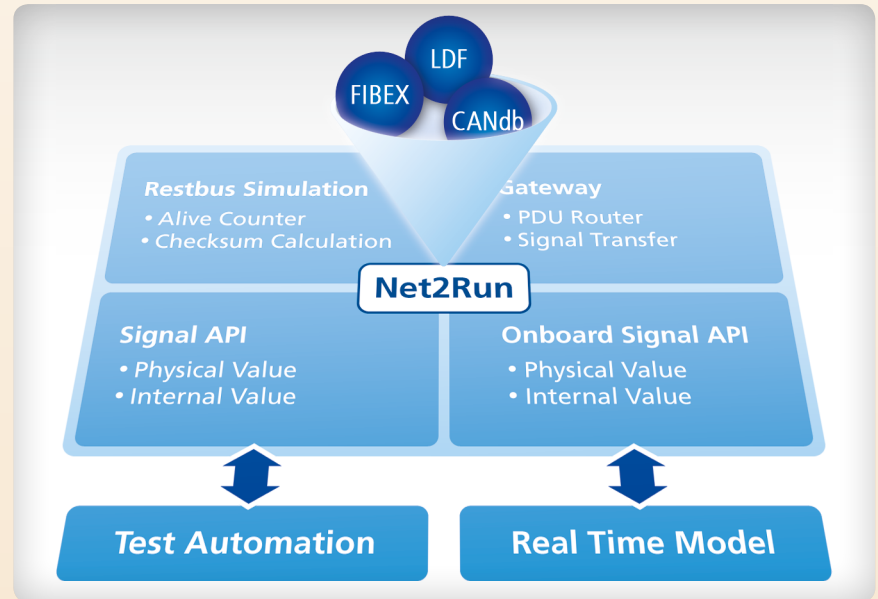
Net2Run IDE



Hardware Explorer



Supported Interfaces



## Features

- Easily import of in-vehicle network information from **CANdb (\*.dbc)**, **LIN (\*.ldf)** or **FIBEX (\*.xml)** databases
- **Automatic generation of Residual Bus Simulation (RBS)** including all cyclic and sporadic messages with automatic default value allocation, message counter as well as checksum calculation (user-defined checksums can be added via "C" library, too)
- **Gateway editor** for configuration of PDU routing tables and signal gateway transfer functions (e.g. scaling, offset, window functions)
- **Signal manipulation** directly from the **GUI**
- Signal API for simple and fast manipulation of signal values by means of test automation and on-board real-time programs – **universal G-API** (for "C" and LabVIEW™) works in Windows via PCI/PXI, USB or gigabit Ethernet interfaces as well as in QNX (on-board Series 61 hardware controller)
- **Net2Run IDE** complete tool chain for generation of on-board user programs by utilising signal based G-API, consisting of IDE, PowerPC compiler, linker and remote debugger



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