CanEasy's FUNCTIONS AT A GLANCE

Simulation
- Import of the communication matrix (DBC, ARXML, LDF)
- Simulation of non-existent control units
- Support of various protocols (ISO-TP, UDS, KWP, XCP)
- Signal modulations and arithmetic functions

Analysis
- Record and replay function
- Trigger and alarm functions
- Busload and cycletimes
- Plots and traces

Diagnosis
- Supports UDS/ KWP2000, XCP/ CCP, SOME/IP and DoIP
- Import of CDD, ODX, PDX, ELF, MAP and A2L files
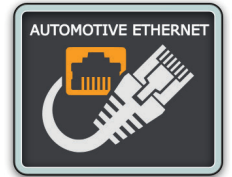- Fault memory window

Automation
- MultiStudio for writing/debugging code in C#/ Phyton
- Integration into any test framework
- Programming of dynamic processes
- Scheduler for creating sequences

User Interface
- Attractive graphical RichPanels with IDE
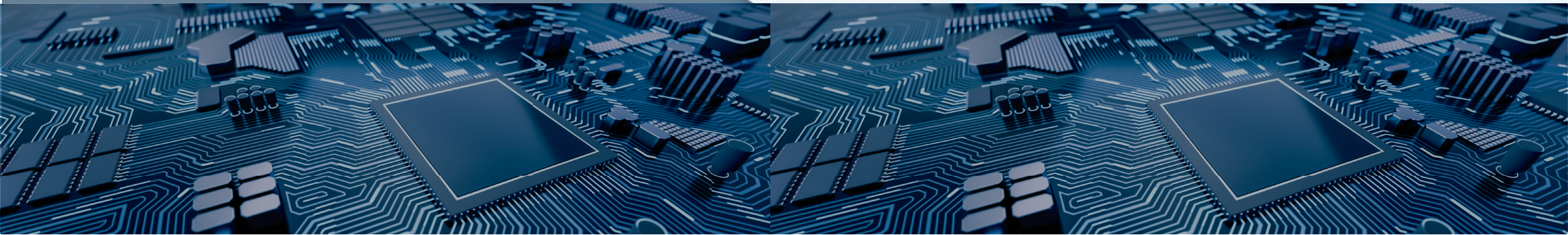- Database editors
- Automatically generated panels

CANoe-compability
- Import of complete CANoe configurations
- Execution of CAPL test modules
- Support of the file formats CFG, BLF, ASC, CAN, XVP, CNP

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CAN   can FD   lin   AUTOMOTIVE ETHERNET

CanEasy

Test, analyze and simulate with one tool

THE ANALYSIS AND TESTING ENVIRONMENT FOR CAN (FD), LIN AND AUTOMOTIVE ETHERNET

CanEasy integrates seamlessly into any existing tool chain. It is easy to use without programming skills, is highly automated and extendable.

With CanEasy, real and simulated electronic control units [ECUs] communicate across different buses following the communications matrix [residual bus simulation].

This tool not only facilitates software development testing, work preparation, repair and production but also provides benefits for teams, due to its efficiency and ease-of-use. It saves effort, time and costs compared to common development tools.

OUR COMPANY

Schleißheimer Soft- und Hardwareentwicklung GmbH is a development service provider for the automotive industry.

Since 25 years we have successfully developed modern control units and intelligent systems for cars and integrated new technologies into vehicles of all kinds to support comfort, safety and efficiency.

As a strategic development partner of Continental AG, we are experienced in the development of instrument clusters, HUDs and Head Units for Daimler, Volkswagen, Porsche and BMW.

„CanEasy – BY DEVELOPERS FOR DEVELOPERS!"

BENEFITS AT A GLANCE

Intuitive usage

Efficient & highly automated

Flexibly configurable

Wide range of functions

Individually extendable

Compatible with Vector

Ensures software quality

Supports a variety of hardware adapters

Maintenance & support

Attractive prices & flexible licence model

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CanEasy MultiStudio

CanEasy's Multilanguage Studio allows writing and debugging code with different programming languages like C# and Python in Visual Studio Code. Users can access it directly via the CanEasy tree and find several integrated templates for realising applications.

Advantages of the MultiStudio:

- Visual Studio Code is integrated with CanEasy – no additional licences required
- Unified, integrated development environment for different programming languages
- Code runs with high performance in the CanEasy process space
- Code can be saved directly in the workspace or externally to use Git, Mercurial or other team development tools
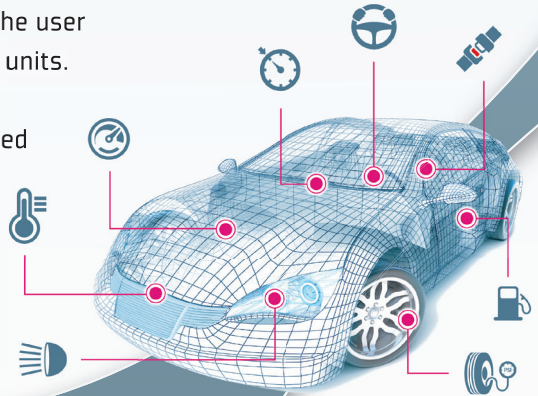
Use your prefered programming language together with CanEasy

CanEasy
Diagnosis

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With the diagnostic function of CanEasy the user can verify the functionality of the control units.

Diagnostic service parameters are recorded and analyzed within plot windows. Missing services or parameters can be created manually.
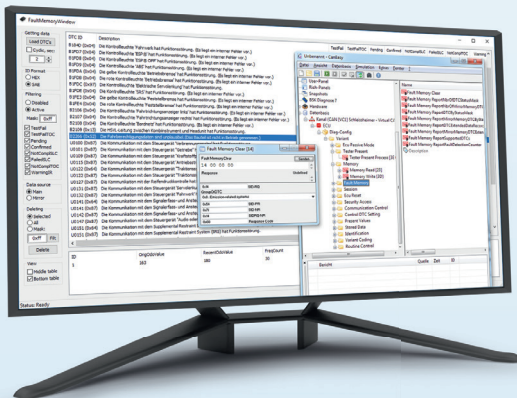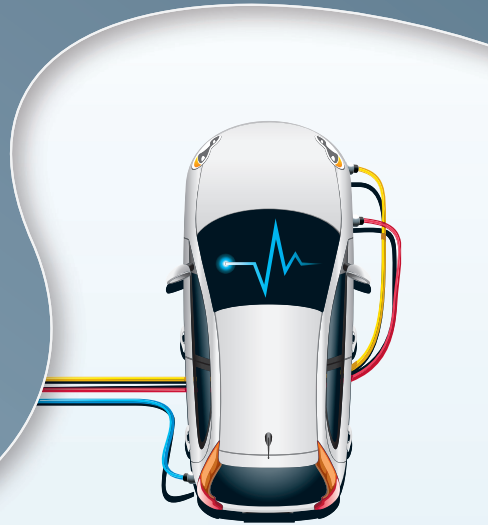
CDD

ODX
PDX

ELF
MAP
A2L

CanEasy supports UDS, KWP2000, XCP, CCP, SOME/IP, DoIP protocols and can import CANdela–Studio (CDD), ODX, PDX, ELF, MAP and A2L files.

UDS, KWP, XCP

CAN–Bus

Per drag & drop diagnostic services or single parameters can be added to the User panel and RichPanel. This allows to create custom views that contain only services the user often needs.

Diagnostic tests can also be automated via API or schedule tables.

The fault memory window is a powerfull user interface which reads out and lists decoded Diagnostic Trouble Codes (DTC).

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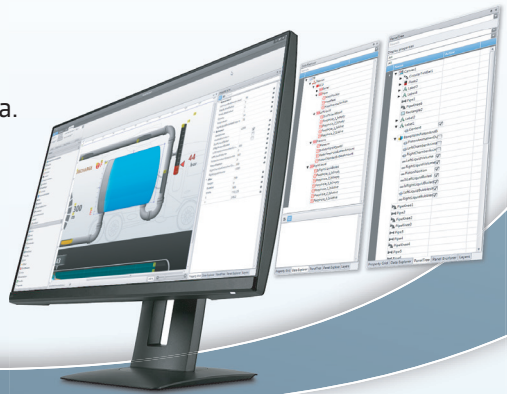
CanEasy RichPanels

RichPanels are attractive graphical panels. They represent and control any kind of data.

The RichPanels display simple as well as complex scenarios. A wide range of provided control elements makes this possible.

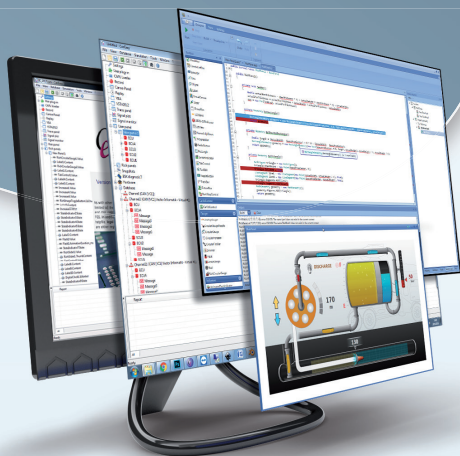Operating and display panels can be created quickly via drag & drop.

So, applications can be controlled via an attractive interface.

The control elements can be used directly or individual ones can be created as plug-ins.
Using the pie menu the user can assign attributes of any database item to properties of the control.

The PanelDesigner of the RichPanels offers a variety of attributes that can be changed as in a professional design tool.

NEW

The integrated development environment (IDE) makes it possible to implement control behaviour.

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