vCDMstudio
Managing Parameter Sets Easily and Traceably

What is vCDMstudio?
vCDMstudio is an efficient tool for editing parameter set files. It is easily used to display, compare and edit parameters created in ECU calibration.

When solving complex tasks, filters are used to reduce the number of parameters shown on the screen. In addition to calibrating parameter values you can take values from different files and merge them to create new version levels. Along with parameter values, you can also easily edit calibration data evaluations. vCDMstudio saves them with the history of the maturity level in CDF20 or PaCo files.

Overview of Advantages
> Easily copy and merge parameter set files, both interactively and by batch operations
> Highly flexible and protects your investment, because all commonly use data formats are supported, including CDF 2.0, DCM, Intel hex, Motorola-S, PAR and PaCo

> Simultaneous comparison of multiple parameter set files gives user an overview of the different parameterization variants
> Saving of parameter set files as M script or code files (in C or hex format) enables easy export of parameter values to other important tools in the development process
> Quickly generate various reports, including MS Excel format
> Execute batch operations, such as making changes to values, calibration status information
> Scalable solution: vCDMstudio is a single workstation solution, but it is also available in other tools – in both CANape and vCDM, which is a database-supported platform for calibration teams

You can use vCDMstudio to manage the extensive parameter sets of your ECUs easily and with full traceability.
Highlights of Version 16.0

- Support for the new features in version 1.7.0 of the ASAM MCD-2 MC (ASAP2/A2L) specification:
  - Copy and compare parameters of the new BLOB object type
  - Transformer concept converts complex internal data structures into physical values
  - Support for the new version of ASAM AE CDF (Calibration Data Format)
  - Support for parameter types CUBOID, CUBE_4 and CUBE_5 according to the ASAM MCD-2 MC (ASAP2/A2L) specification
  - Optimized parameter filter
  - Improved support for ASCII parameters
  - Flexible column width for a clearly arranged list view
  - Extended HTML report
  - Improved display of calibration data via 3 new vCDMstudio apps

Functions

- Load, visualize and edit parameter sets from symbolic, address-independent parameter set files or from binary files
- Configure and execute various editing steps easily via an automation interface
- Simultaneous loading of multiple parameter set files from your calibration process
- User-friendly interface for displaying and editing parameter set files
- Graphic representation of characteristic curves and maps to efficiently compare differences

Application Areas

The primary application area of vCDMstudio is to efficiently manage ECU parameterizations on the file level. Primary users are calibration engineers and project leaders. In using vCDMstudio, you retain an overview of your work packages, reliably track parameter changes and manage data levels responsibly. Since all relevant file formats of the automotive industry are supported, it does not matter which measurement and calibration tool is used to generate the parameter files.

More information: www.vector.com/vCDMstudio

Edit parameters in vCDMstudio