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.
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

Highlights of Version 18

Parameter Classifications:
- Parameter can be assigned to classifications (i.e. Emission, Safety)
- Classified parameters are highlighted in the editor; change tracking is active.

vCDMstudio for Calibration Engineers: Direct access to vCDM calibration projects with option vCDM
- The intuitive calibration editor connects the local dataset management to calibration projects on the vCDM Server.
- Calibration projects are now available on the local PC. This allows the user to simply compare them with local calibration data, e.g. from files of other calibration tools, such as ETAS INCA.
- Local changes can be submitted, and conflicting changes resolved.

Optimized User-Interface:
- Using the “Ribbons style”, control elements are now well arranged and more clearly structured. Large buttons and modern icons make operation easier.

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
- Clever filter mechanisms for defining individual views of parameter sets give users a better comprehensive view
- Export and import configurations
- Direct editing of parameter values