

vCDM

Professional Calibration Data Management

What is vCDM?

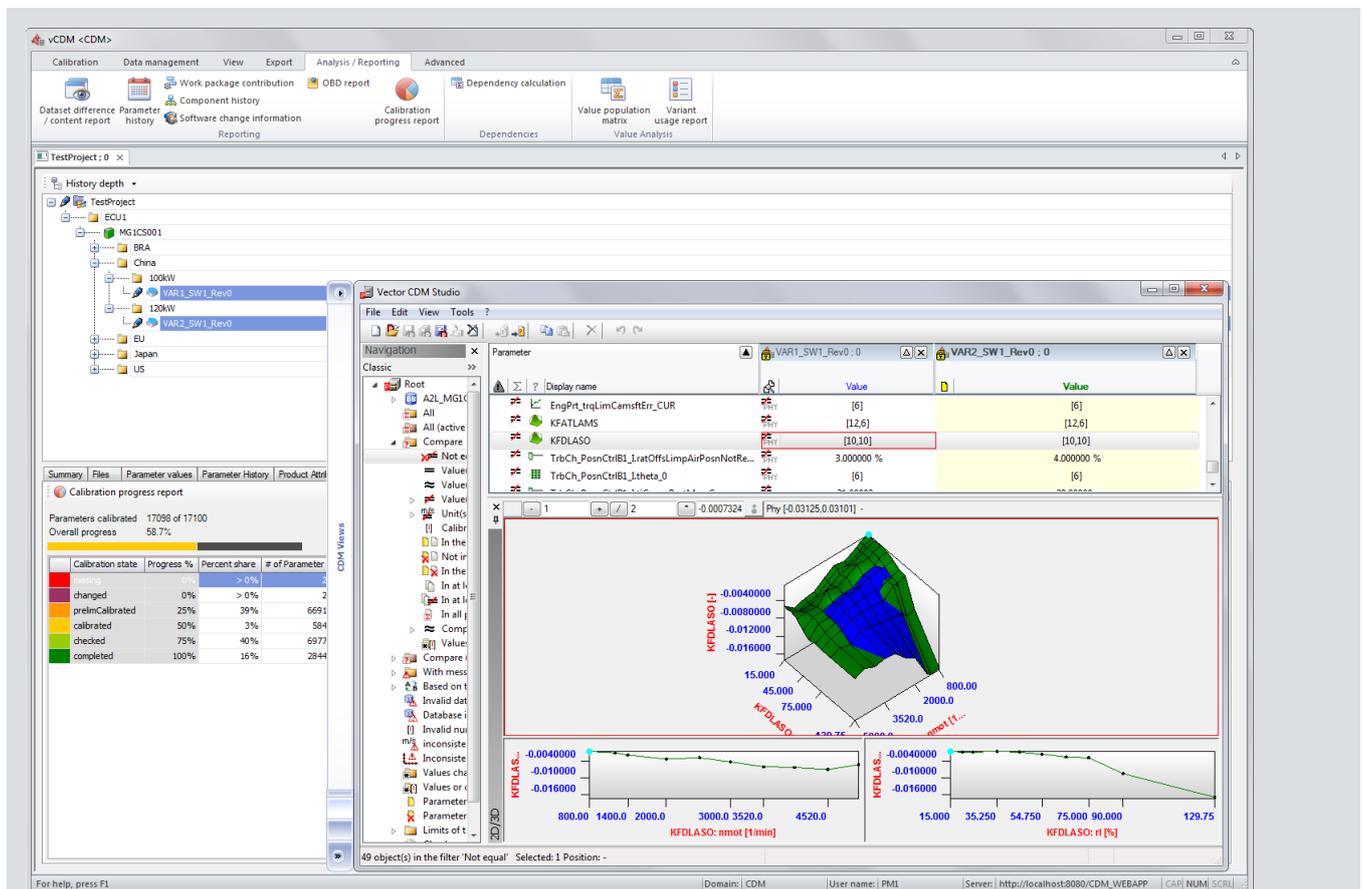
vCDM (Vector Calibration Data Management) is the database-supported platform for calibration teams. Work results are efficiently merged. Potential data conflicts are avoided, detected and resolved. All changes to data can be tracked. Data versions are consistent and have a high level of data quality. A large number of variants can be handled reliably.

Data mining and report functions ensure effective monitoring of project progress and quality, and they increase the efficiency of the calibration process. The calibration data can be graphically displayed and manually edited using the CDM Studio Editor.

As a scalable solution, vCDM supports teams and departments in application data management and can also be used as a cloud solution.

Overview of Advantages

- > Team efficiency: Avoids, detects and resolves data conflicts
- > High data quality by consistency of data versions
- > Seamless revision history
- > CDM Studio is an integrated component of vCDM for graphically displaying and manually editing of calibration data
- > ECU-independent saving of calibration data for data mining and reports
- > Open programming interfaces
- > Data protection through roles and rights on dataset level
- > Efficient variant management for derivatives and components



vCDM user interface: Display of project and variants structure and graphically display of a characteristic map

Highlights of Version 6.2

- > Create projects and data versions in the same way as in the calibration tool
- > Support for parameter management without A2L file
- > Efficient completion of the CARB Summary Sheet
- > Discover relationships between parameter values and data version attributes more easily
- > Simplified operation of vCDM with globally distributed repositories
- > Support for ASAP2-V1.7 features
- > More modern GUI

Supported data formats

- > Object data formats:
 - Intel-HEX, Motorola S-Records
- > Parameter formats:
 - DAMOS DCM, CSV/CVX, MSR PaCo, ASAM CDF 2.0, CANape PAR, MATLAB m-files
- > ECU description file formats:
 - ASAM A2L, CANape DB
- > Report formats:
 - Excel, PowerPoint, Word, PDF, HTML

More information: www.vector.com/vCDM

Functions

- > Change of user mode: A user who started with the intuitive and guided user mode is able to easily switch to the expert mode later.
- > Integration with calibration tools: Direct start of vCDM functions from calibration tools CANape and INCA without having to leave vCDM.
- > Web browser access: Easy access for external organizations and sporadic users.
- > Integration in company applications: Integration of vCDM into company applications with the help of the COM and SOAP programming interfaces.
- > Domain-specific extension: Function Inhibit Matrix

