

# SOFTING DTS.VENICE

Powerful authoring system for ODX 2.2 and 2.0.1 for diagnostic experts and developers of vehicle ECUs.

## AREAS OF APPLICATION

- Description and validation of diagnostic functions and ECU communication
- Data interoperability test
- Provision of test data for integration and system test
- Data adaptation in production preparation and for use in repair shop testers

## BENEFITS

- Efficient creation of the diagnostic specification thanks to assistant support in data entry
- Greater data quality thanks to testing of both syntax and semantics
- Data consistency over the entire process chain thanks to standard tool with central database (single source)
- Considerable cost saving thanks to the possibility of importing existing data descriptions and early error detection
- Shorter approval process as suppliers can test conformity with the OEM regulations themselves

Softing DTS.venice enables the convenient creation, testing, management and maintenance of diagnostic specifications over the entire process chain for OEMs, system and ECU suppliers.

## SIMPLE CREATION OF ODX DATABASES

Softing DTS.venice is part of the Diagnostic Tool Set product family and is based on the Diagnostic Base System. Venice stands for Vehicle Communication Database Editor. New databases can be created both on the basis of existing ODX/PDX files and of supplied protocol templates. The delivery scope still includes sample authoring with three ECUs, detailed documentation and a tutorial.

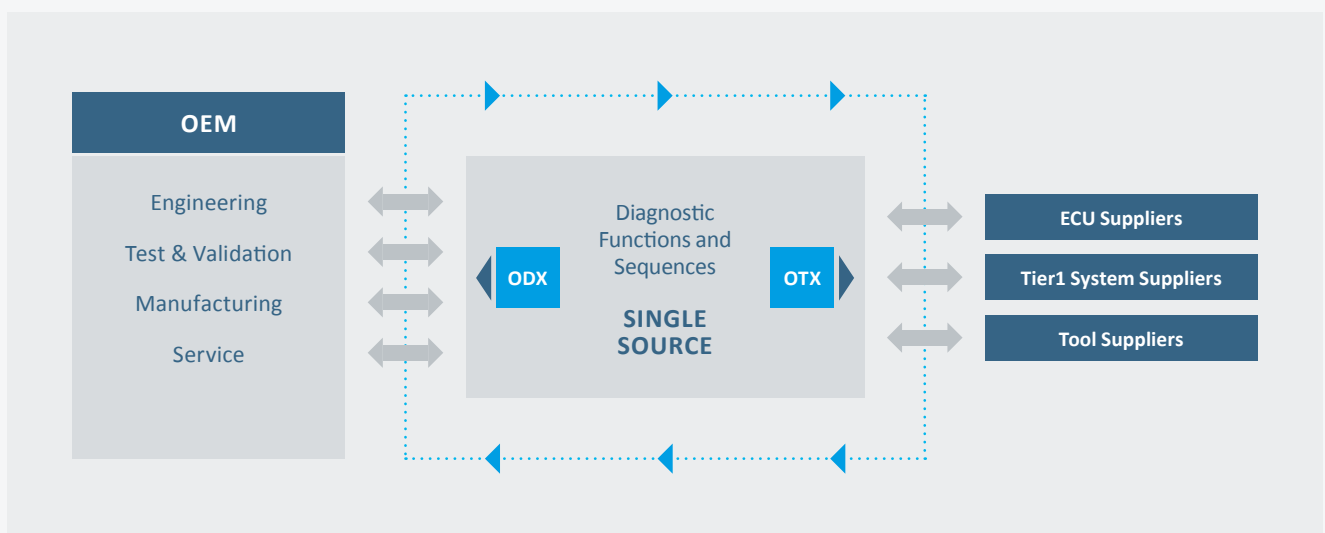
## CONVENIENT PROCESSING OF ODX DATA

A start page enables fast and simple access to the functions required most frequently. The entire ODX data model can be edited in the editor's expert view. The ECU view provides a simplified

view of the most important data of a single ECU as well as its variants. Diagnostic description inheritance is visualized graphically. Assistants are available to help with data input. Both working with ECU shared data and the simultaneous editing of several databases are supported. The diagnostic specifications created can be issued as RTF files for documentation purposes. In Demonstration mode, ODX databases can be viewed without a license.

## TOP DATA QUALITY FROM THE OUTSET

The ODX databases of modern vehicles are highly complex and become more so during their lifetime due to additional variants, maintenance measures and function extensions. Softing DTS.venice ensures the consistency and completeness of the database at all times. Formal checks ensure basic compliance with the ODX standard and optionally with the ASAM ODX Recommended Style. Extensions by user-specific authoring guidelines are possible. Diagnostic Functions and Sequences SINGLE SOURCE Engineering Test & Validation Manufacturing Service OEM ODX OTX



▲ Fig.: Softing DTS.venice Authoring System for Creating, Testing, Managing and Maintenance of Diagnostic Specifications