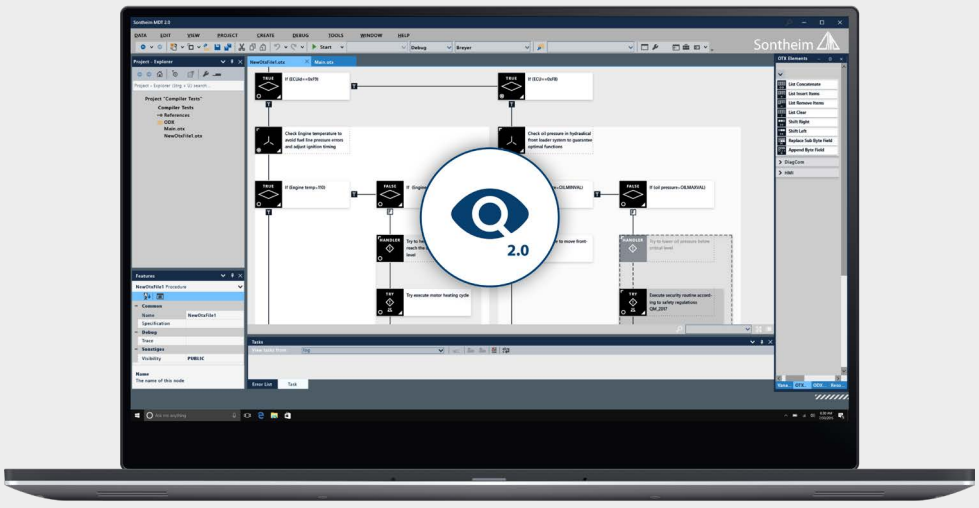
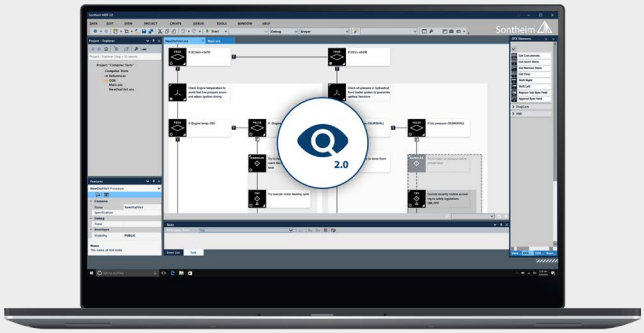
Sontheim

Modular Diagnostic Tool 2.0

The Future of Diagnostics



We live electronics!



MDT® 2.0

The Modular Diagnostics Tool 2.0 offers you next to ODX and OTX standard also a MCD-3D server, simple and modern operation in Visual Studio® and multi-platform compatibility with only one workflow creation

Key Features

- **ODX acc. to ISO 22901-1**
- **OTX acc. to ISO 13209**
- **Multi platform support**
- **High-performance runtime system**
- **MCD-3D Server**
- **ODX and OTX Editor**
- **Supported standards: CANopen, SAE J2534, SAE J1939, ISO 15765 (KWP2000 on CAN), UDS, DoIP, …**
- **Sontheim Vehicle Communication Interfaces**
- **RMI native**
- **Direct Microsoft Project integration**

Future proven diagnostic tool chain – based on standards

The new MDT® 2.0 offers a standardized way to access diagnostic data. The MDT® 2.0 tools offer various possibilities to create, structure and run diagnostic workflows using the industry standard OTX (Open Test sequence Exchange format) defined in ISO 13209. Re-use of your diagnostic service descriptions in ODX (Open Diagnostic Data Exchange) for service execution allows you to instantly achieve your desired results. On top of that MDT® 2.0 supports native RMI as well as an innovative OTX wizard (Sontheim OTX diagnostic wizard) to simplify OTX editing without breaking the ISO standard.

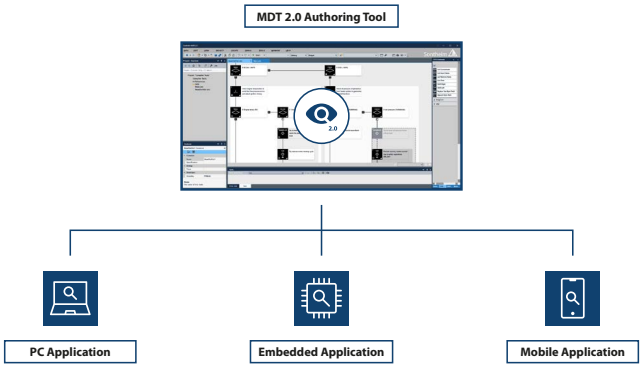
Multi-platform support – one workflow for all applications

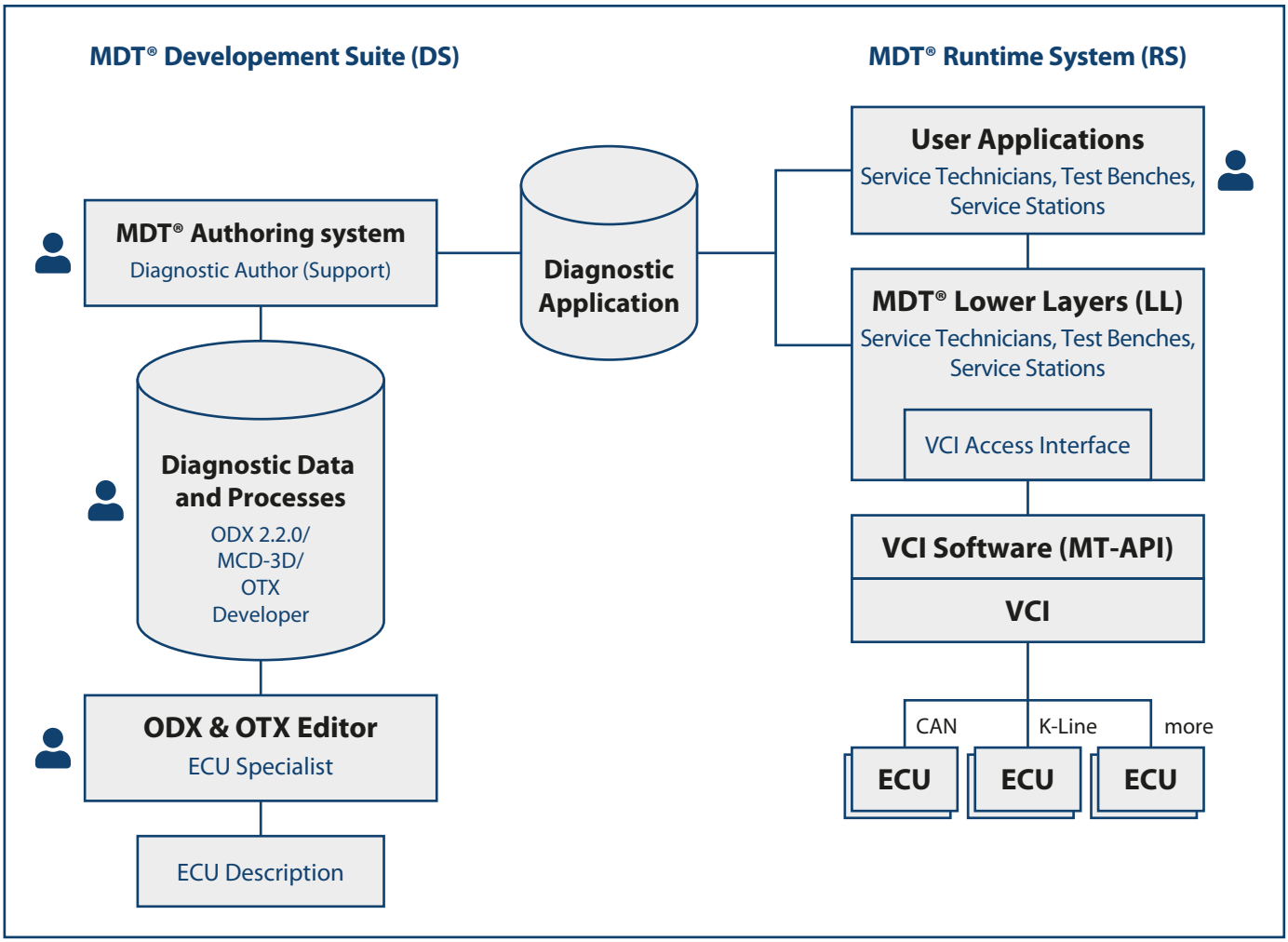
The Runtime was developed especially for multi-platform capabilities and offers GUI support as well as a platform-independent description of the runtime workflow language generated from your OTX and ODX files. This reduces implementation and testing effort for your diagnostic applications across multiple PC and embedded platforms. MDT® 2.0 allows you to develop your application once and have it running on Windows, Linux x86, Linux ARM, QNX and others.

The optimized runtime and the MCD-3D light server have been developed and optimized especially for embedded diagnostic applications. Thanks to the extremely slim runtime system, the diagnostic application can run directly embedded in the vehicle (for example on the terminal or a telemetry unit), which offers the user of the diagnostic application completely new diagnostic options.

Modern design and graphical modules

The MDT® 2.0 Authoring Tool is based on Visual Studio in order to fullfill the needs of modern developers. A new, clear and modern design allows usage of Visual Studio Plug-Ins for SVN, Git and other development extensions commonly used. In addition, new graphic elements like 2D and 3D animations can be used to make your diagnostic application more visually appealing and lower the learning curve for your service staff and diagnostic application users.





Order information

V940800300	MDT® 2.0 Authoring system
C940800300	MDT® 2.0 Authoring system maintenance

Mobile Automation

Industrial Automation

Diagnostics

Connectivity

We are looking forward to your enquiry!

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