With the growing ECU complexity and shortening product development cycle, the need for seamless diagnostic data exchange and inter-operability is fast becoming a mega trend. As diagnostic experts, we support our 60+ customers in the process of integration of standard-based diagnostic systems in their existing processes and their respective infrastructures. We offer you an end-to-end tool-chain based on international industry standards like ODX and OTX (for creating, verifying, testing and executing of diagnostic descriptions) along with exceptional consulting and training services. We use the latest technologies and development methods and thereby offering an ideal platform for state-of-the-art solutions to our customers. By actively participating in the relevant standardization committees like ISO and ASAM, we demonstrate our commitment and compliance to the latest standards.

**Our customers are benefitted from our:**

*Scalable* cutting edge software solutions  
*Modular* solutions adaptable to customers’ needs  
**Compliance:** ODX, OTX, UDS, KWP2000, DoIP, MCD-3D, D-PDU API, J2534  
Support of diagnostics according to OBD-II, EOBD and WWH-OBD  
**Global presence** through multiple engineering centers with headquarter in Germany
ODX authoring tool leveraged by the automotive leaders.

Features:

- Creates and administers ODX data in conformance with the international industry standard ISO 22901-1 (ODX 2.2.0)
- Provides an option of creating a completely new data or selectively adapting the existing data in the desired format
- Compatible to work with all dialects of the ODX standards
- Comes with in-built checker and formatter functionality
- Provides an option to create the right data for UDS control unit with in-built UDS on CAN description of KPIT
- Provides a facility of report generation in PDF format

Benefits:

- Native ODX authoring eliminating the need of import/ export – No loss of data
- Manages multiple vehicle databases – Provides scalability without compromising on quality
- Provides user skill oriented views and languages – Improves efficiency and minimizes training costs
- Integrated checker and formatter – Adds convenience and saves efforts

Training:

To request a training on DatabaseDesigner NG 2013, write in at diagnostics@kpit.com.
Features:

- Works with ODX data in both 2.0.1 and ISO 22901-1 (ODX 2.2.0) formats
- Powered with KPIT’s optimized binary format that enhances performance and shortest loading times, even for complete vehicle projects beyond the Gigabyte limit
- Easy-to-handle tool to carry out simple diagnostic services and also conduct complex control device tests through graphical means with HTML reporting
- Works on D-PDU API-compatible hardware, J2534-compatible (PassThru) hardware and proprietary API such as CanCardX/XL eliminating the need for new hardware

Benefits:

- Generic tool that can be used across various ECU projects – Offers flexibility
- Capable of processing high volumes of ODX data – Improves performance by communicating with several ECUs in parallel
- Existing VCIs can be reused – Saves costs
- Executes OTX sequences – Automated test case execution

Training:

To request a training on DiagnosticCommunicator 2013, write in at diagnostics@kpit.com.

Along with the DiagnosticCommunicator 2013, we also offer an efficient / high-performance ISO 22900-2 (D-PDU API) compatible VCI.
Authors, executes and debugs OTX sequences in a graphical way.

Features:

- Offers a highly efficient development environment for ISO 13209 (OTX) standards
- Enhances accessibility of diagnostic data in ODX 2.0.1 and ISO 22901-1 formats through a diagnostic wizard
- Graphically executes and debugs test sequences on an in-built runtime environment
- Provides access to a complete repertoire of standard elements, useful functions for efficient logging and additional options for accessing information from the diagnostic data, connections to SQL databases and more

Benefits:

- Native OTX authoring that eliminates the need of import/ export – No loss of data
- Provides powerful but easy access to ODX database
- Enables MCD-3D OTX execution - Shortens overall time of testing
- Improves execution and debugging
- Adaptable & extendable OTX based diagnostic protocol test case framework

Training:

To request a training on OTXSuite 2013, write in at diagnostics@kpit.com.
Services

High quality service and support.

Diagnostic Process Consultancy & Implementation
Consultancy and support for diagnostic data design and conception, authoring guidelines and specifications, data migration, data validation and prototyping

Diagnostic Service & Protocol Validation
Validation for various diagnostic services and across almost all protocols

Custom-specific Diagnostic solutions (based on KPIT IP)
With our expertise and reliable framework, we provide turnkey solutions that suit your requirements or set up a completely new tailor-made system

Training on Diagnostic Standards
Custom-made training comprising of workshops, seminars and webinars. The training is offered by our technical experts who are also a part of the ASAM and ISO workgroups.
To participate in our training on diagnostic standards, write in at diagnostics@kpit.com

Training on Products
Although our products are easy to use, we help you get trained on their usage and effectiveness, should you feel the need for such training. The training is offered by the experts from the product team.
To request for training on our products, write in at diagnostics@kpit.com
Our products ensure

**Optimized repair & maintenance workflow**
Lowers warranty costs

**Feedback mechanism**
Minimizes OEMs' service time & cost

**Seamless data exchange**
Eliminates the need for conversion saves time & reduces errors

**Interoperability**
Lends high flexibility in choice of vendors/customers

**Integrated end-to-end frameworks**
Solutions for R&D, production and after-sales

Our experience

Significant participation in **ASAM** and **ISO** work-groups
Guided the first & several **early adopters** of standards
Consulting services in **every step**
Support for **Euro 5/6, EPA, WWH-OBD**
**Complete diagnostic** offerings from one source
**Recommended** by one of the top 3 OEMs in the world

Active member of ASAM / ISO standardization work-groups