



PTI Knowledge21 

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Intelligent safety systems such as **ESP, cruise control, automatic emergency braking** and **lane keeping assist** systems help drivers to avoid accidents, or at least minimise their consequences.

The FSD – Central Agency is mandated by the German government to develop and distribute **specifications and testing methods** to help PTI inspectors carrying out PTIs to detect faults in, wear and additions to, and manipulations of safety-relevant and environmentally relevant components and systems.

In addition to these specifications and testing methods, the FSD – Central Agency also offers PTI inspectors and other interested parties a range of **presentation films, interactive information** and **e-learning modules**.

These are designed to provide clear, concise **background information** regarding the technology and testing procedures for the intelligent safety systems used in passenger cars, commercial vehicles and buses.

PRESENTATION FILMS

Our themed films provide an insight into the various facets of the modern periodic technical inspection (PTI) and discuss **current and future testing technologies**.



ESP in commercial vehicles



Maximum safety for buses



PTI-Adapter



Reference braking force test

INFORMATION AND E-LEARNING MODULES

The interactive modules provide **expert information regarding the technology behind, and testing procedures for, safety systems** covered by the periodic technical inspection, as well as topics associated with **safe, secure, sustainable mobility**. To make the learning process more exciting and enjoyable, they include 2D and 3D animations, videos, simulations and exercises.

The FSD – Central Agency also offers all of its informative modules in the form of **e-learning courses** for the training and professional development of automotive experts. E-learning has been considered a professional development tool under the German Act on the Qualification of Motor Vehicle Experts (KfzSachvG) and other road traffic regulations since 2007.



The FSD – Central Agency's full range of PTI background information modules can be found on the web portal: www.hu-wissen21.de



Animations



Videos



Simulations



Interactive exercises



For further information, please see the following flyers, or visit us online at: fsd.zentrale-stelle.org



Modern vehicle tests
to preserve the safety benefits
of intelligent vehicles



The information system for the
periodic technical inspection



A universal scan tool made by
PTI inspectors, for PTI inspectors



Central Agency in accordance with the
German Road Traffic Act (StVG)
Fahrzeugsystemdaten GmbH

Wintergartenstrasse 4
01307 Dresden

Telephone +49 (0)351 65 28 88-0
Fax +49 (0)351 65 28 88-22

Web fsd.zentrale-stelle.org
Email sekretariat@fsd-web.de

Managing Directors Dipl.-Ing. Jürgen Bönninger
Dr.-Ing. Philipp Schuricht

VAT ID No. DE247122710