

**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**.

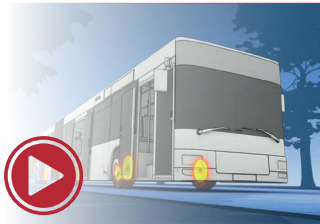
These are designed to provide clear, concise **background information** regarding the technology and testing procedures for the intelligent safety systems used in passenger cars, commercial vehicles and buses.

## 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

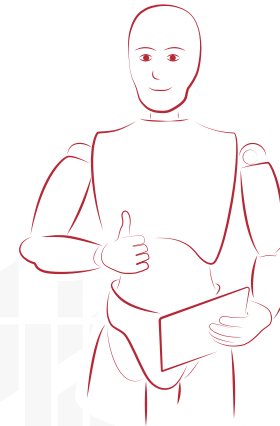


Reference braking force test

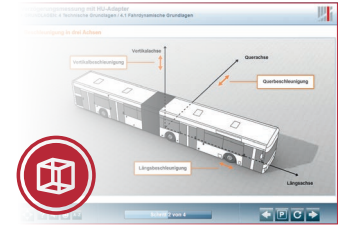
## INFORMATION AND E-LEARNING MODULES

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.

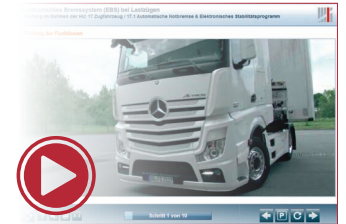
The FSD – Central Agency also offers all of its informative modules in the form of **e-learning courses** for the training and professional development of automotive experts. E-learning has been considered a professional development tool under the German Act on the Qualification of Motor Vehicle Experts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



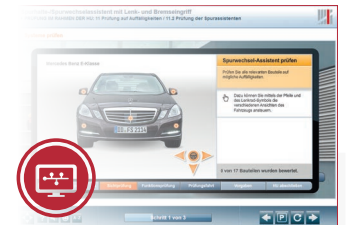
The FSD – Central Agency's full range of PTI background information modules can be found on the web portal: [www.hu-wissen21.de](http://www.hu-wissen21.de)



Animations



Videos



Simulations



Interactive exercises



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



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