BSOL: Key Standards for Intelligent Transport Systems
What is BSOL?

British Standards Online (BSOL) is an online database of standards. It will help you manage standards more efficiently by giving you instant access to all the standards vital to your business.

How it works?

1. **Subscribe to the full collection**
   The full collection contains over 95,000 internationally recognized standards. It is comprehensive, easy to use and essential for organizations working across multiple technical fields.

2. **Subscribe to subject-based modules**
   The BSOL database is divided into 53 standards-based modules. Each module contains all the standards related to a specific subject and many contain thousands of individual documents. You can access various standards related to Automotive via a variety of modules.

3. **Create your own custom collection**
   BSOL grants you the power to create your own custom collection of standards. Choose from our complete library to build an easily accessible collection of the standards vital to your business.

Your BSOL Services include:

1. **Consultancy and Advice**
   We can review all your standards requirements and suggest the best BSOL package for you.

2. **Personalization**
   We will personalize your BSOL package to fit your users and organization.

3. **Set Up**
   We can set you up to use BSOL in as little as 24 hours.

4. **Training**
   Get free classroom or webinar style training for all BSOL users.

5. **Statistics**
   Receive regular user statistics to see what standards are being used.

6. **Technical Support and Customer Service**
   Receive support for all your BSOL needs.

For further information visit bsigroup.com/bsol or call +44 (0)208 996 7029
BSOL offers standards for all types of communications in and between vehicles and fixed locations, including standards for information and communication technologies and navigation systems.

Route guidance/navigation systems
- BS ISO 22840:2010 - Devices to aid reverse manoeuvres, extended-range backing aid systems
- BS ISO 22840:2010 - Devices to aid reverse manoeuvres, extended-range backing aid systems

Traffic signals
- BS EN 12368:2015 - Traffic control equipment, signal heads

After-theft systems
- BS EN 15213-1:2013 - After-theft systems for the recovery of stolen vehicles

Hydrogen cars
- BS ISO 23828:2013 - Energy consumption measurement, vehicles fuelled with compressed hydrogen

Freight containers

Telematics applications
- BS ISO 15638-12:2014 - Conformance test for the on-board unit application interface
- BS ISO 15638-15:2014 - Vehicle mass monitoring

Collision warning (Test procedures)
- PD ISO/TR 10982:2013 - Evaluating out-of-position vehicle occupant interactions with deploying air bags

eCall with Airbag
- BS EN 16102:2011 - Operating requirements for third party support

Cruise control/Lane keeping assistance systems
- BS ISO 15622:2010

Airbag
- BS ISO 15829:2013 - Evaluation of occupant interactions with side airbags by pole impact simulation

Electronica fee collection
- PD CEN ISO/TS 14907-2:2016 - Conformance test for the on-board unit application interface

Driver distraction
- PD ISO/TR 17427-10:2015

Intelligent Transport Systems

Communication for Smart Cities
- PAS 180
- PAS 181
- PAS 182

Infrastructures to Vehicle Communications

BSOL offers standards for all types of communications in and between vehicles and fixed locations, including standards for information and communication technologies and navigation systems.
BSOL Modules for Intelligent Transport Systems

BSOL includes historic, current and draft documents for the automotive industry which will help you to maintain compliance by referring to the latest versions and historic standards for long term projects.

Key standards for the automotive industry are displayed in the graphic but there are thousands more which you can find out about by calling us on +44 020 8996 7029.

The database comprises a variety of relevant modules for the industry such as Road Vehicle Engineering, Information Technology – Hardware & Office Machines and Testing. Each of the modules include a significant number of documents as detailed in the table opposite.

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