

# Intelligent Transport Systems

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



**Traffic signals**  
(controllers and detectors)  
**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



**Telematics applications**  
(Automatic Vehicle/Electronic Register Identification)

**BS ISO 15638-12:2014**

**BS ISO 15638-15:2014**

Vehicle mass monitoring

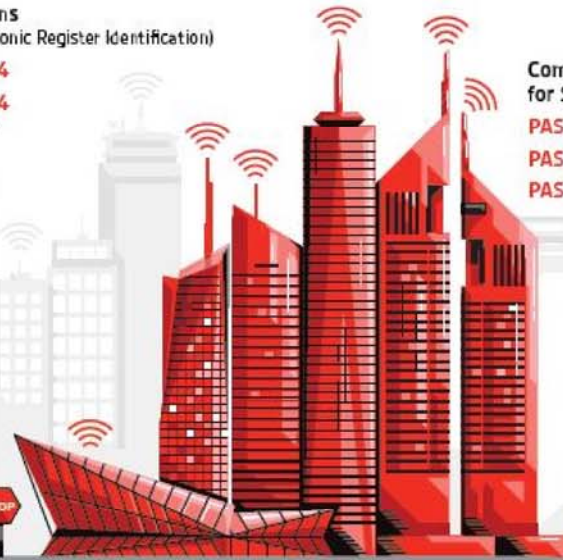


**Communication  
for Smart Cities**

**PAS 180**

**PAS 181**

**PAS 182**



**Curve speed  
warning systems**

**BS ISO 11067:2015**



**Hydrogen cars**

**BS ISO 23828:2013**

Energy consumption  
measurement.  
Vehicles fuelled  
with compressed  
hydrogen



**Infrastructure to Vehicle Communications**

**BS ISO 15829:2013**

Part 1: 'Electric Vehicle Charging Spot Notification  
Specification'; and Part 3: 'Communications system  
for the planning and  
reservation of EV energy  
supply using wireless'



**Freight containers**

**ISO/TS 10891:2009 Ed 1**

Radio frequency identification.  
Licence plate tag



**eCall with Airbag**

**BS EN 16102:2011**

Operating requirements  
for third party support



**Cruise control/  
Lane keeping  
assistance systems**

**BS ISO 15622:2010**



**Electronic fee  
collection**

**PD CEN ISO/  
TS 14907-2:2016**

Conformance test for the  
on-board unit application  
interface



**Collision warning**

(Test procedures)

**PD ISO/TR 10982:2013**

Evaluating out-of-position  
vehicle occupant interactions  
with deploying air bags

**Airbag**

**BS ISO 15829:2013**

Evaluation of occupant  
interactions with side  
air bags by pole impact  
simulation

**Driver distraction**

**PD ISO/TR 17427-10:2015**

