

Towards the Information Society!



**ICT & HighTech
for Transportation and Utilities**

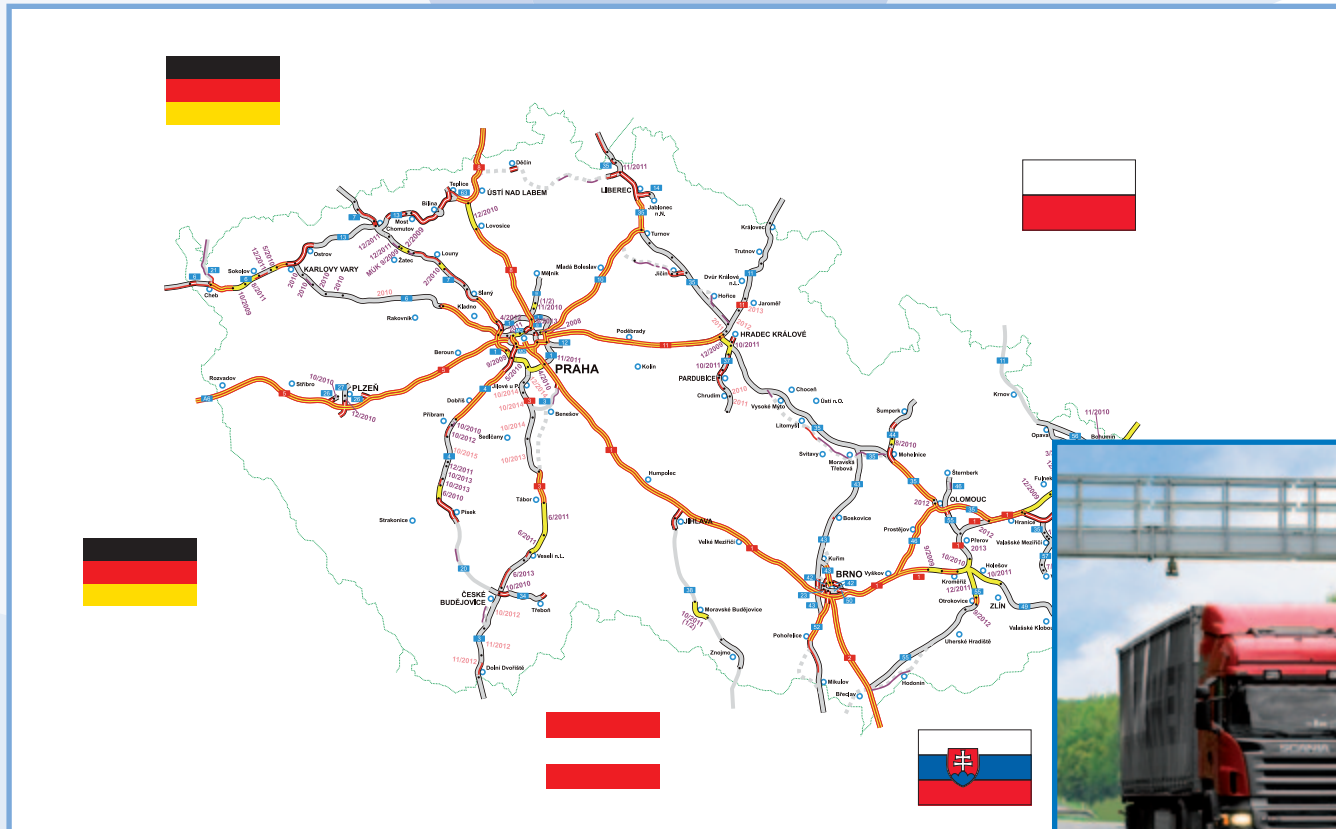
Czech Republic



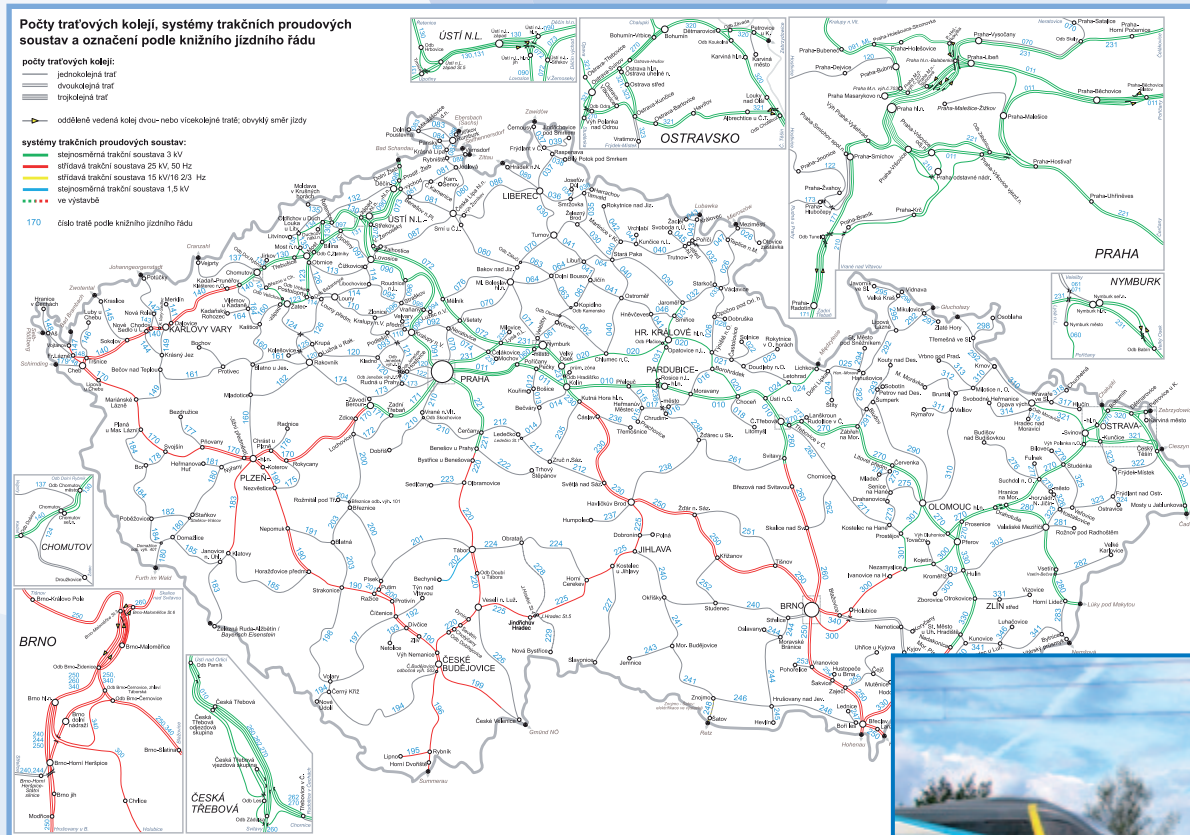
Population:
10 300 000

Surface area:
78 864 km²

Czech Road and Motorway Network



Czech Railway Network



Transport telematics (ITS)

- Transport telematics (ITS) integrates telecommunication and information technologies (ICT) with transport engineering in order to optimize transport and forwarding processes.
- It is an instrument of a sustainable transport in Europe helping to better economy, ecology and safety.
- Telematic principles are applicable in all the transportation modes and in other utilities (construction, energy, telecommunications) as well

ITS macro functions

- 1 electronic tolling
- 2 management of rescue services
- 3 traffic management
- 4 public transport management
- 5 intelligent vehicle
- 6 journey planning & information provision
- 7 fleet and freight management
- 8 enforcement systems



ITS&S – Intelligent Transport systems & services

- ITS&S
(Sdružení pro dopravní telematiku)
is a **successful sector cluster**
in the area of transport telematics
with a multiyear tradition
- Representing Czech & Slovak
Transport Telematic Community



ITS&S

- Founded 2000 as ITS&S Czech Republic
- Today 80 Czech and Slovak companies & institutions on board. Fast growing membership base.
- Complying with the COMMUNICATION FROM THE COMMISSION, COM (2004) 353 final Brussels, 16. 6. 2004: Science and technology, the key to Europe's future – Guidelines for future European, Union policy to support research
- Member of the steering committee of the Network of ITS National Associations

ITS&S – WEB – www.sdt.cz

SDT - Windows Internet Explorer

http://www.sdt.cz/page.php?id=1&lang=en

Soubor Úpravy Zobrazit Oblíbené položky Nástroje nápověda

Oblíbené položky SDT

iTSS
Czech and Slovak Intelligent Transport Systems & Services

SEARCH

NEWS

OUR MISSION

ITS FUNDAMENTALS

CZECH REPUBLIC & ITS

SLOVAK REPUBLIC & ITS

ABOUT ITS&S

WORKGROUPS

FOR LOGISTIC

Our Mission

We are ITS&S - association of companies, institutions and universities from the Czech Republic and Slovakia, that deal with using information, communication technologies and services (ITS) in transportation sector and other utilities. Our mission is:

Representation of Czech & Slovak ITS

- Strategic marketing & product development
- International co-operation
- Assistance to Eastern European ITS initiatives
- Education & training of ITS professionals, users
- Co-ordination of members' projects
- ITS projects support via working groups

Joint Industry Portfolio

- Sensors & actors:** gate crossing signals, cameras, active and passive detectors, radar
- Communications:** GSM-R, GSM, GPRS, EDGE, DSRC, RFID, WIMAX, CALM

EVENTS

CONTACT

ČESKY

ITS&S – members

SDT - Windows Internet Explorer

http://www.sdt.cz/page.php?id=9&lang=en

Soubor Úpravy Zobrazit Oblíbené položky Nástroje nápověda

Oblíbené položky SDT

Czech and Slovak Intelligent Transport Systems & Services

iTSS&S

SEARCH

NEWS

OUR MISSION

ITS FUNDAMENTALS

CZECH REPUBLIC & ITS

SLOVAK REPUBLIC & ITS

ABOUT ITS&S

FACTS & GOALS

MEMBERS

WORKGROUPS

EVENTS

CONTACT

ČESKY

FOR LOGISTIC

Membership

Ordinary members

company name and surname	email www
3M Česko, s.r.o. Ing. Milan Devera	mdevera1@mmm.com www.mmm.com
Accenture Central Europe B.V., organizační složka Ivo Kocian	ivo.kocian@accenture.com www.accenture.com
Alcatel - Lucent Jan Šamal	jan.samal@alcatel-lucent.com www.alcatel-lucent.cz
Ascom (CZ) s.r.o. Jan Polák	jan.polak@ascom.cz www.ascom.cz
Asseco Czech Republic, a.s.	zdenek.janda@asseco.cz

Representing Czech & Slovak Telematic industry over Europe

- **Sensors & actors:** gate crossing signals, cameras, active and passive detectors, radar
- **Communications:** GSM-R, GSM, GPRS, EDGE, DSRC, RFID, WIMAX, CALM
- **Positioning:** GPS, Glonas, Galileo, EGNOS, gantry systems
- **Data processing:** GIS, billing, management, expert systems
- **End user devices:** on-board units, chip-cards, user terminals
- **Services:** technical, financial consulting

ITS&S – Structure

- **Public sector** Road & Highway directorate, regions: Prague, Brno, Plzeň, Zlín, Olomouc, ...
- **Universities, R&D** TU Zilina, CTU Prague, CDV, UDI, Telematix, VUS Banska Bystrica, ...
- **Domestic consulting** KPM Consult, BAPTIE, PBA, TRANIS, TECHNOLOGIES&PROSPERITY , ...
- **System integrators** PVT, XT Card, ČD Telematika , ...
- **Transport operators** Prague, Brno, Bratislava , ...
- **Car manufactures** Škoda Auto
- **Domestic suppliers** ŠAŽD Praha, CEDA, Camea, CROSS, ELTODO, Mikroelektronika, EMTEST, Princip, Spell, CSAD SVT, Značky Praha, ...
- **International corp.** Alcatel, Kapsch, Navteq, Siemens , ...
- **Telco** O2 Telefónica, T-Mobile CZ , ...
- **Construction comp.** Metrostav, VIS, Brněnské komunikace, ...
- **Banking sector** ČSOB

Priorities for 2007 – 2009

- **Promote members' activities** over Europe
- **Educate** and train ITS professionals and users
- **Support new associations** in Eastern Europe, 2007, Slovakia, Bulgaria, Romania, Russia
- **Co-operate** with international organizations (EC, ESA, ERTICO, ITS nationals)
- Projects support via **working groups** (new 2007 – tolling systems efficiency, paycards in public transport, new 2008 – eVignette SSADM, EU space tech.)
- **Strategic marketing, product development** and **co-ordination of member's projects** outside the Czech and Slovak Republic (ITS Sofia Czech Day 2007, Czech Telematic Autumn 2008, 2009)



International conference
and accompanying exhibition
about transport telematics

ITS&S Success Stories

- Education of domestic market
- Czech industry promotion in EU & Slovakia & Bulgaria
- Lobby & media support of space technologies (CZ a new member of ESA)
- Interoperability of electronic ticketing in public Transport
- Efficiency of national tolling systems
- E-Vignette SSADM methodology
- Road safety of lives in Europe



Let's co-operate together!

- Topics
- Financing
- Research & Development
- Mobility
- Economy, Ecology & Safety
- ITS deployment
- Complex ITS Offerings Delivery



Looking forward to our co-operation!

Postal address Czech Republic

ITS&S (Sdružení pro dopravní telematiku)

Mr. Roman Srp

Ohradní 65

140 00 Praha 4

Czech Republic

tel.: +420 261 066 211

fax: +420 261 066 212

e-mail: r.srp@sdt.cz

More details here: www.sdt.cz