

GNSS Consulting Company Presentation



Photo by Anton Shkaplerov, courtesy of ROSCOSMOS

What we offer



We specialize in identifying and implementing accurate satellite positioning solutions for electronic tolling and for road telematics.



Since being founded in 2017, GNSS Consulting has advised the European GNSS Agency in the evaluation of project proposals within the framework of the [Horizon 2020 program](#) and has supported leading tolling technology companies in the preparation of bids for public tenders for the deployment of GNSS technology in electronic tolling.

Our References



European
Global Navigation
Satellite Systems
Agency

www.gsa.europa.eu



www.alphacons.eu



www.egis-group.com/content/egis-projects



<https://scanfleet.hu/>

Evaluation of Horizon 2020 Galileo proposals; Review and assessment of the G-MOTIT and JUPITER projects

Presentation of European GNSS Technologies used in Road Tolling to the Romanian Space Agency (ROSA)

Analysis of the deployment of GNSS-based technologies in the national electronic tolling system in Poland

Support in the development of a platform for European Electronic Toll Services with international partners

Our References



www.skytoll.com

Support of the proposal preparation in the bid for “Toll Collect”, the German GNSS-based national tolling system



toll-charge.hu

Evaluation of On Board Units having integrated GNSS, 5.8 GHz DSRC microwave, and GSM/GPRS modules



MINISTRY OF REGIONAL DEVELOPMENT AND PUBLIC WORKS
ROAD INFRASTRUCTURE AGENCY

www.api.bg/index.php/en

Presentation of European experiences in the use of GNSS technologies for nationwide tolling schemes to RIA, the Bulgarian Road Infrastructure Agency

CEO Norbert Schindler



As Global Sales Manager of the Tolling Headquarters at Siemens AG for more than 12 years, Norbert participated in the evaluation and preparation of offers for the deployment of GNSS-based technologies for electronic tolling systems in the following countries:

- Belarus
- Bulgaria
- Czech Republic
- France
- Finland
- Hungary
- Kazakhstan
- Lithuania
- Netherlands
- Poland
- Russia
- Slovakia
- Slovenia
- Sweden
- Turkey
- Ukraine
- United States
- United Kingdom

Prior Projects as Sales Manager

SIEMENS

- Sales activities in Hungary for a new GNSS-based platform for the HU-GO tolling system
- Sales activities in Russia for the nationwide electronic tolling system, successfully lobbying for the use of GLONASS as a core technology
- Founder and leader of a consortium for the technical and commercial response to the tender in Poland for nationwide electronic truck tolling
- Bid Manager for the electronic truck tolling tender in the Czech Republic
- Bid Manager for the “Lorry Road User Charging” tender in the U.K.
- Publication and presentation of innovative GNSS-based tolling solutions at international congresses in Europe, Asia and North America



Norbert Schindler's Education



TECHNISCHE
UNIVERSITÄT
WIEN

Master of Science (Dipl.-Ing.), with
thesis in Computer Science and
Artificial Intelligence (1997)



**Carnegie
Mellon
University**

Bachelor of Science in Mathematics /
Computer Science and German, Minor
in Music (1986)



**universität
wien**

Undergraduate Studies in the
Liberal Arts (1984)

Recent Publications



2020 “[EETS & Fleet Management: A Fleeting Moment](#)”
Thinking Highways (H3B Media), Vol. 15, pp. 4-7.



2020 “[Mobility as a Service: MaaS Observation](#)”
Thinking Highways (H3B Media), Vol. 15, pp. 16-19.



2019 “[Tolling: Über EETS](#)”
Thinking Highways (H3B Media), Vol. 14, article 13.



2019 “[Tolling: Eastern Europe Roundup](#)”
Thinking Highways (H3B Media), Vol. 14, article 18.

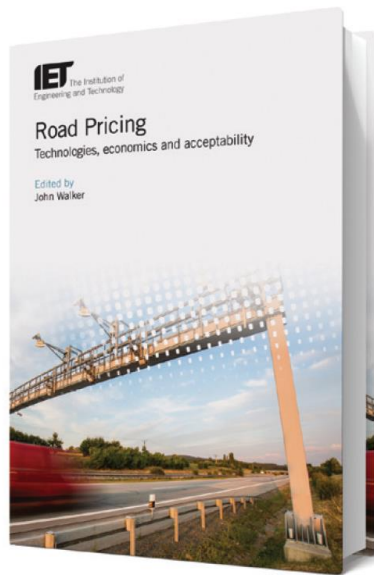


2018 “[Satellite Parking: Birth of an Idea](#)”
Thinking Highways (H3B Media) Vol 13, pp. 40-41.

Recent Publications



2018 “[GNSS-based tolling: standards and implementations](#)” with Erich Erker, in *Road Pricing: Technologies, economics and acceptability* (Institution of Engineering and Technology), London, pp. 403-443.



“Road pricing is increasingly being used in both developed and developing countries: in the former to combat congestion and pollution, to compensate for falling revenues from fuel duty, to improve the efficiency of the existing transport infrastructure, and to curb carbon emissions; in the latter, also to fund new transport projects. This book looks at examples around the world, the technologies implemented, how the pricing regimes have worked out and how successful the systems have been.”

Editor: Dr. John Walker ISBN: 978-1-78561-205-3

<https://www.theiet.org/resources/books/transport/rdpri.cfm>



**Position yourself on the road
with our expertise**

Dipl.-Ing. Norbert Schindler

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