

TTS Italia is the Italian ITS Association founded with the aim to promote the development and deployment of Intelligent Transport Systems (ITS) in Italy.

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This month focus on...

Alberto Chiovelli, Head of Department for Transport, Navigation, General Affairs and Staff of the Ministry of Infrastructure and Transport



Perhaps this legislature will go down in history due to the failed reform of the Road Code, which in fact remained blocked in Parliament. In your opinion what are the priorities?

I had a fairly clear idea of why the work on the Road Code was not completed in the recent legislature. The norm, born as a mere delegation to the government to simplify the architecture, became a real reform. We must have the courage to simplify first and then modify otherwise we will do nothing but further complicate a legislative system that is already very complex.

We must aim at a delegation to simplify the architecture and bring it to completion, only later, on the parts that are delegated, we can intervene in a much more effective way. I think it is a priority to make the code understandable. The same was done for the rules on the rail safety: we aimed at writing a unique document, containing the previous and the new rules, increasing the safety. Standard.

The Highway Code will also be updated with a view to a new concept of travel. How do you see in Italy the evolution of the concept of Mobility as a Service (MaaS) which is going the most in Europe and in the world?

In general all the initiatives that go towards optimization and savings must be cultivated and promoted. There have been concrete actions also from a legislative point of view such as cycle paths, smart roads and tourist railways, just to mention the most recent ones. It is clear that there is a need for coordination between the State and local authorities, but I believe that this path has been well underway and we must be good as the rules are enacted to put them into practice in the quickest and most correct way possible. I am convinced that this is an important piece for future mobility.

In which way the Ministry could contribute to this process?

The Ministry must favor the start up and then leave room for the implementing actors. Centralized management would put the effectiveness of these activities at risk. In this regard, however, I recall that in the last Budget Law a provision was introduced which envisages the establishment of a partnership body. This is a very important table to encourage the development of these initiatives and to bring together various stakeholders in various ways. The partnership will be activated fairly quickly: there is already the Ministry's commitment to activate technical, thematic and in-depth tables. Among the topics taken into consideration are platooning, technological innovations in the broad sense, but there is the intention to listen to the operators and channel their suggestions into a structured program of action. From this work, proposals for standards, but also for simplifications can come out.

Which associations will be part of the partnership?

Quali associazioni potranno far parte del partenariato? Is there any accreditation mechanism?

We are defining these aspects with an ad hoc decree that will soon be finalized.

In your opinion what are the actions to implement to strengthen the smart mobility in Italy?

If we talk about Local Public Transport (LPT) in general I have to say that the LPT Observatory is starting an important path for the system, beyond the allocation of funds that still has a fundamental role. The Observatory makes use of absolutely innovative criteria: it is a place where Regions, Municipalities and Local Authorities can compare to try to carry out the initiatives. We are also working to create a database available to all professional users to try to help the system grow. The ultimate goal is the open data of public mobility.

Freight transport. What's the contribution of the national logistics platform and what's the status of Sinamolo?

We have had important initiatives in this area. I am thinking of port reforms, the incentives that have been given in the railways and maritime sector. It is important to continue on this path by implementing innovative initiatives such as we are doing for example with the national logistics platform. This platform is the future of the transport of goods because it will allow us to provide better services to the entire logistics chain, but also to tackle important aspects such as the security that today is seen as a constraint and that tomorrow could, instead, be managed in a smoother and at the same time more effective way for operators. The process for the realization of Sinamolo, the digital platform that should integrate all the existing ones, is long enough because it involves all the operators. The initial step is more cultural than technical and is ongoing: we are working together with the associations.

Who is Alberto Chiovelli. Engineer, from Rome, is Head of the Department of Land Transport of the Ministry of Infrastructure and Transport since April 2017. Previously he served as chief of staff of the same Ministry, while from 2008 to 2014 he was Director of the National Railway Safety Agency.

Member of the month

NMi



NMi is an international and independent lab, specialist for testing, certification and training in the field of metrology. NMi is worldwide leader in certifying precision and reliability of Smart Mobility and ITS instruments (ANPR, speed meters, charging columns for cars, payment systems, toll systems, Red Light Camera, etc.) according to various international, European and national standards, ensuring a quick time to market.

NMi is also founder and promoter for the realization of new European / international standards (i.e. WIM standard <http://www.nmi.nl/nmi-launches-wim-standard-icwim-conference-brasil/>) to promote technological progress and meet the needs of all operators in the Smart Mobility / ITS world. NMi is member of various European and international standardization groups. For these reasons, NMi is well known as one of the most reliable and "smart" lab for the approval / validation of new technologies or products that require regulatory adjustments or new standards for safe entry into the market.

SERVICE IN THE SPOTLIGHT

Within the ITS (*Intelligent Transport System*) issues, since April 2016 Italy has its new edition of UNI 10772: the standard for ANPR, *Automatic Number Plate Recognition* (or ALPR). NMi is accredited to perform these tests (<https://www.nmi.nl/anpr/>). Not only. In fact, since this Italian standard is the only one in Europe for ANPR systems, thanks to the support of NMi, it is starting to spread in the Member States and it will probably be the basis of other national and European standards.

UNI 10772 is applicable for enforcement purposes, access authorization to public or private areas and toll criteria. The need for verified characteristics therefore has a wider scope.

The standard describes operation and features of telematics systems that remotely acquire and/or transmit digital images of vehicles based on the automatic recognition of license plates. It is possible to carry out the tests under different lighting conditions, different geometries, different speeds (from 26 km / h up to 230 km / h).

In respect to the previous edition, it provides higher quality requirements not only for the devices, but also for the tests to which they are subjected in order to obtain the Italian homologation



THREE QUESTIONS TO NMi

Which is the added value in selling ANPR systems tested according to the UNI 10772 standard?

The added value is the possibility to prove to the end clients of manufacturers / system integrators that they have a verified, repeatable and high measurement accuracy both in laboratory conditions and on track (for high speeds).

Is it possible to use the Italian standard UNI 10772 ed. 2016 also for verification of ANPR systems that will be installed in other European countries?

Yes, for sure. Currently there are already European countries that are using this standard as a base to prove the quality and accuracy of the ANPR systems they intend to purchase. Of course, each country will add probably more dedicated tests. Anyhow, the UNI 10772 test report is a great starting point for a successful entering in the European market.

For whom is your service to check the accuracy of ANPR systems?

Usually the requests of this service come from different applicants, that we can mainly divided into the following types. A) Manufacturers / system integrators who request the tests to enter into the Italian market in order to obtain the certificate issued by the Italian Ministry of Infrastructure and Transport. B) European producers / system integrators who request ANPR tests for their own use in order to demonstrate accuracy and quality of their products. C) End users, public administrations, national authorities in the Enforcement field in order to use test reports as a basis for further verification of the product in the context of tenders or various supplies.

Product of the month

Viasat Group: Siunet in the world of Waste Management



Measure entered into force on 6 June 2017, with Environment Ministerial Decree 20.04.2017, establishing the criteria for a timely measurement for municipal and similar waste tariffs (G.U. n.117 22.05.2017). The decree also introduces a series of IT requirements aimed exclusively at eliminating weak measurement systems that can be used for easy data manipulation. Considered that the **SIUNET** platform of **Datamove**, a **Viasat Group** company, is becoming more and more the reference system for the management and services certification to companies operating in the world of waste management.

The **SIUNET** multi-channel platform and the **Viasat Satellite Systems** are dedicated to public and private companies as well as municipalities that wish to manage in a simple, precise, effective and innovative way the many activities of the waste management services world.

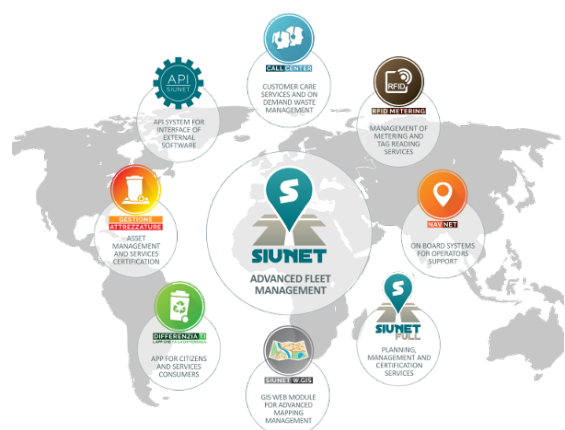
It gives visibility to the companies' work with citizens, customers and public administration in an effective and transparent way; it geolocates and tracks the routes followed by vehicles, plans and certifies the activities of the operators across the territory.

The **SIUNET Platform** shows that using **IoT** (Internet of Things), a network of devices and sensors, which communicate with one another and all together with an **Operations Center**, it is possible to help companies operating in the waste management world increase efficiency and reduce costs, and to be also greener.

SIUNET allows the operators to create a collection measurement platform for real time analysis and control of service levels (SLA) and performance indicators (KPI), through the Cloud systems available from any device (pc, tablet, smartphone).

Datamove is a model for IoT urban hygiene solutions, both in Italy and in Europe, thanks to the expertise of its staff and the solidity from belonging to the Viasat Group.

To date, **Datamove** provides service for the management of a 4,000 vehicle-fleet in the waste sector. Latest achievement is to offer integrated metering management systems for punctual pricing services. In 2018, Datamove



will be among the first players to guarantee a data management chain compliant with digital data storage regulations. The new path, dictated by the introduction of the Environment Ministerial Decree 20.04.17 - mentioned at the beginning – makes it compulsory to comply with this requirement in order to work with public entities.

More information:

www.datmove

www.siunet.it

Projects of the month

CORE project: CWA 16390 revision¹ approved and published by CEN²



Standards ensure interoperability while preventing proliferation of proprietary solutions. Specifically in the field of telematics, standards lay the foundation for market exploitation, by allowing companies to turn prototypes into products and to move from demonstrations to market implementation.

In the frame of the European project CORE (Consistently Optimised Resilient Secure Global Supply-Chains, <http://www.coreproject.eu/>), addressing the security of the freight transport/logistics, a standardisation activity has been undertaken with the objective of reviewing the CEN Workshop Agreement CWA 16390³ previously elaborated and published in 2012 (<ftp://ftp.cen.eu/CEN/Sectors/List/ICT/CWAs/CWA16390.pdf>).

Carried out under the umbrella of CEN and with the contribution of UNI⁴ (the Italian CEN member), the standardisation activity has been deployed through a CEN Workshop (the CEN/WS CORE).

CWA 16390 is the technical specification for the development of products and applications based on the services provided by the European GNSS⁵ EGNOS⁶, namely EGNOS OS⁷ and EDAS⁸, for tracking and tracing the transport of goods. Following its publication, CWA 16390 was adopted by several European industries, and used by Italy's and France's Ministry of Transport in their national/regional systems for the management of dangerous goods transport.

CEN/WS CORE has made the revision of CWA 16390 to consider the obsolescence due to the evolution of the EGNOS services, to include the configuration of the chipsets for enabling them to use EGNOS/EDAS/multi-GNSS (GPS, EGNOS, Galileo, GLONASS, BeiDou) and to take into account the utilisation of the authentication feature of the Galileo Open Service.

Launched in January 2017, CEN/WS CORE took 9 months for its completion and, under UNI secretariat, it went through all the foreseen procedures, including public inquiries and open consultations.

CWA 16390 revision "Interface control document for provision of EGNOS/EDAS/multi-GNSS based services for tracking and tracing the transport of goods" was finally approved in September 2017 by the CEN/WS CORE experts. It has been published by CEN, and it is freely available for its utilisation and adoption on CEN Web Site at the link <https://www.cen.eu/WORK/AREAS/ICT/Pages/default.aspx> (CWA 16390 - CEN/WS CORE January 2018).

The UNECE (United Nations Economic Commission for Europe) Working Group that periodically updates the regulations for the international transport of dangerous goods⁹, is presently defining the introduction of the use of telematics also taking into account CWA 16390:2018.

¹ CWA 16390:2018

² Comité Européen de Normalisation/European Committee for Standardization

³ CWA 16390:2012

⁴ Ente Italiano di Normazione

⁵ Global Navigation Satellite System

⁶ European Geostationary Navigation Overlay Service

⁷ EGNOS Open Service

⁸ EGNOS Data Access Service

¹ ADR (European Agreement concerning the International Carriage of Dangerous Goods by Road)/RID (Regulations concerning the International Carriage of Dangerous Goods by Rail)/ADN (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)

Roma Prati Innovation Lab



Rome is a beautiful historical capital, having a population of 2.8 million inhabitants - and 10 millions of tourists every year - 1.96 million cars and more than 550,000 motorcycles circulating, with a split on private vehicle of 52%.

Roma Servizi per la Mobilità has the mission of planning, supervising, coordinating and controlling the processes related to tackle the mobility management, and SWARCO Mizar is supporting this mission, since many years, as a provider of the OMNIA system controlling already 300 intersections in the city.

The area involved in the present initiative, aimed to modernize the existing traffic system, is concerning Roma Prati. This is the area along the river Tiber, west of town center. Via Flaminia was an ancient and famous Roman road leading from Rome to Rimini, across the Apennine Mountains. It is precisely in this area where the Rome Innovation Lab is growing, through the deployment of novel ITS features.

The Engineers Enrico Tuzi e Giacomo Tuffanelli of Roma Servizi per la Mobilità declare:

“With the upgrading and renovation of the Bacino Prati traffic system Rome Mobility Agency wanted to create an ‘innovation lab’ for this area of the city where new technological solutions and ITS applications have been implemented with the aim of improving the mobility of all the components involved.”

The SWARCO solution for the Lab includes two important innovations: the **Strategy Manager** (SWARCO Mizar), and the installation of new advanced sensors, the **Blue Data System** (SWARCO Traffic Systems) which are able to detect the vehicle transit by Blue Tooth technology.

Gianni Canepari, that guided the design of the Roma Prati integrated solution, explains us the importance of the Strategy Manager:

*“It is a tool expressly designed to operate in the framework of Integrated Road Traffic Environments, where it provides the strategic level coordination among one or more ITS applications deployed to reach mobility management goals. The **Strategy Manager** reacts to the current traffic situation and traffic forecast in a structured and dynamic way, to prevent traffic anomalies or recover from anomalies as fast as possible. It allows to create, update and delete co-operative operational scenarios (strategies) for all the contributing ITS applications and for all controlled equipment.”*

It is natural to ask ourselves: what about the data collection?

In addition to traditional data sources, fifteen **Blue Data Systems** installed at the edge of the road at the intersections communicate directly with the central system which processes travel times. They are able to detect vehicles up to a speed of 200Km /h and to monitor travel times along the main travel routes.

With all this information it is indeed possible to create a **detailed picture** of the current traffic situation in the entire area.



SWARCO MIZAR S.r.l.

Roma Prati Innovation Lab represents a living “playground” bringing the ITS excellence in the Italian capital. An evolution is already foreseen with the collaboration SWARCO-RSM in H2020 project MyCorridor, where the Lab will grow towards **interactive traffic management** through the enhancement with C-ITS capabilities.

News from TTS Italia members

Online the new web portal for Turin infomobility service

Muoversi a Torino is the new infomobility service of the City of Turin, available on www.muoversiatorino.it. The new website, designed and managed by 5T, TTS Italia ordinary member, is entirely oriented to provide useful and updated information to move easily in Turin and in the metropolitan area. All the information are organized in sections, divided by transport modes (bus-tram-metro, train, bicycle and car) with a general introduction and useful links to find more details about public transport services, main railway stations and related services, parking system, bike and car sharing services and etc. Muoversi a Torino also offers real-time services on map, with the aim of facilitating the city users moving around the city: with the traditional functionality of trip planner, there are new functions like "Near you" function allows you to have immediately a look on all the transport services available around the user's location, while the "Follow the bus" function allows to find the exact position of buses or trams in service on the map. The new website is also available in English, with the aim to satisfy the needs of foreign tourists, and is mobile responsive to be easily navigable even from mobile devices such as tablets and smartphones.

Source: 5T

Project Automation wins tender for traffic lights infraction

Project Automation S.p.A., TTS Italia ordinary member, has won the tender issued by the City of Fossombrone

for the rental of 6 automatic detection devices for traffic light infractions and related services.

Source: TTS Italia

PTV SISTeMA: in April the first PTV Innovation Day Italia

PTV SISTeMA, TTS Italia ordinary member, will organize its first PTV Innovation day Italia, in Rome, on the 11th of April to know more about products and to meet experts of the sector.

The event will be an opportunity to meet experts from the world of transport, information technology and the automotive sector, public administrations, mobility agencies, local public transport bodies, academics and technology partners. PTV also wants to understand in depth what are the difficulties and points of view of customers who already use PTV software, and for this reason there will space dedicated to the deepening of the methodologies and technical aspects of our software solutions. Experts will be available and, in the days adjacent to the event, it will be possible to participate in some training dedicated to our PTV Vision products. Participants will also be offered the opportunity to actively contribute to the event by presenting innovative applications of PTV software.

For the programme and further details, http://confirm.ptvgroup.com/UGM_ITALY_2018

Source: PTV SISTeMA

Security 4.0: T.R.A.C.E: a monitoring system to record vehicles entering cities

How to ensure that heavy goods vehicles and trucks circulate safely through cities? Thanks to TRACE (Truck Ramming Attacks Countermeasures Enhancement), an advanced and low-cost monitoring system, which record vehicles at the entrance of cities and tracks the route in specific areas of the cities. The system will be tested in the South of Italy for the security of related events with Palermo, Italian Capital of Culture 2018, and Matera, European Capital of Culture 2019.

The minister for territorial Cohesion and for the southern of Italy, Claudio De Vincenti; Anna Finocchiaro, minister for relationships with Parliament and the senator Simona Vicari, have discussed about the security of urban cities with the president and the CEO of UIRNet, Rodolfo De Dominicis during a working table organized by Spazio Hdrà - Palazzo Fiano.

UIRNet S.p.A. is the Unique Actuator Subject of the Minister of Infrastructure and Transport for the realization and management of the National Logistic network Platform (l'art. 61 bis della Legge 24 marzo 2012 n. 27). UIRNet and the Minister of Infrastructure and Transport, cooperate in order to improve the efficiency and the security of Italian logistic system, encouraging the interconnection between transport modal interchanges (Ports, goods centre and logistical patterns). To reach that target, UIRNet is carrying out, under project financing with its Digital Logistic Dealer (DXC Technology company, Vitrociset S.p.A and F.A.I Service Cooperative Company), implementation and diffusion of services program of National Logistic Platform (PLN) and of its application models.

PLN has been declared strategic infrastructure of national significance, according to Law 24 December 2012 n. 228 (art.1, comma 211).

UIRNet is also the inventor of T.R.A.C.E System (Truck Ramming Attacks Countermeasures Enhancement) for the security of urban cities. The Law 123/2017, in fact, he gives to UIRNet a design of a security system for the events in Matera and Palermo, respectively European Capital of Culture 2019 and Italian Capital of Culture 2018.

Massimiliano Sartori, responsible of Policy Impact area For The European House- Ambrosetti opened the labor of "TRACE, for the security of Urban cities".

The South of Italy is in the centre of the national logistic with a testing that will involve the security of both symbolic cities such as Matera and Palermo -said Claudio De Vincenti, minister of territorial Cohesion and the southern of Italy- we have proved to be successful in manage magnificent public events such as Expo, Jubilee and G7 in total safety. Now TRACE technology allows us to increase prevention capacities of security forces and consequently security of citizen and tourists".

The minister Anna Finocchiaro sees "the possibility of recovering efficiency from a pre-existing structure, the National Logistic Platform, rather than investing in new sectors as once of the benefits from implementing TRACE. Furthermore, the instrument provides a sufficient level of flexibility with respect to the unpredictability of terroristic action and can coordinate with existing instruments. It also optimizes the relation between different institutions, which already guaranteed the possibility to prevent possible attacks."

How TRACE works -it is a new low-cost monitoring system that registers vehicles at the entrance of cities, and is able to track their movements across many urban areas. How? By using the On Board Unit (OBU), a device that can be installed for free on all vehicles, after registering. The on board unit allows the vehicle to enter freely the ZTL of cities once some basic information has been provided: identity of the driver, vehicle data, type of transport, timetables of movement and routes. OBU follows the movements of the vehicle by connecting and sharing the information with the Police Headquarters and by exploiting existing camera circuits.

Moreover, this device is equipped with an alarm that activates in two different situations: if the vehicle does not respect the shared path or if try to compromise the device.

TRACE, so, generate a continuous safety and helps defuse the risk in urban centers, because, thanks to OBU devise, tracks the vehicle during an indefinite period of time on which is installed, never losing sight to them.

"We wanted the amendment for the initiation of the experiment to Palermo and Matera- explained the

senator Simona Vicari- because TRACE system of UIRNet permit to control the entries systematizing more subjects and guaranteeing more efficiency, creating economic savings, including a better organization.” “This event opens up the possibility of applying the PNL to citizen systems, something that before didn’t take place for strategic choices – explained Rodolfo De Dominicis, President and CEO of UIRNet S.p.A – the motor of that is the law 123/2017, which the Government and the Parliament wanted and detect two symbolic cities (Matera and Palermo) for the implementation of the new PLN’s module, called TRACE”. “With TRACE, after a long adequate experimentation, we will provide cities with an innovative instrument for security, with a low environment impact and easy to implement- continued saying De Dominicis – We will need, of course, the collaboration of Albo dell’Autotrasporto, the Police force and above all, the Municipality that are going to be the main characters of the system.”

TRACE IN URBAN CITIES – according to the law 123/2017, the system will be tested for holding incoming flows of goods in historical city centres of Palermo, Italian Capital of Culture 2018, and Matera, Italian Capital of Culture 2019, in order to decrease the compression of tourist flows due to the need of guarantee the security. “We are going to be active guinea pigs– said Raffaello De Ruggieri, mayor of Matera- Matera is considered one of the safest cities in Italy, but this should not inducing to peace and in front of initiatives with million of people, risks should be monitored. We are pleased of testing this system that we consider an enrichment, Matera always was characterize for being a lab city.” While for Gaspare Nicotri, councilor of staff organization in Palermo “ after the facts in Turin it was necessary find flexible solutions for oversee the events with a huge influx of people, this system permit to combine tourism, security and reception and decrease inefficiencies.”

Source: UIRNet

The Rome subway turns violet!

Precisely while the Pantone system has appointed Ultraviolet as the color of the Year 2018, some of the main subway stations in Rome has turned violet. The bizarre coincidence is due to the campaign realized by myCicero, in collaboration with MasterCard, to promote the use of the app for the purchase of tickets and the opening of gates in order to access the subway platforms.

Adopted in Rome in 2015, the app myCicero has achieved a resounding success among both drivers for the on-street parking payment and passengers of subway, buses, trams and trains for the fundamental convenience of storing the ticket or the subscription on the smartphone.

The advertising campaign guides the passengers in the stations of Termini, Piramide, Bologna, Lepanto and Policlinico from the entrance through the gates on which passengers can use the smartphone through QRcode reading or NFC technology (only for Android operating systems). On this occasion, myCicero has incurred in the costs to set up in all the subway stations a second gate enabled to read the tickets on the smartphone. At the same time such retrofitting has included the arrangement of specific signs in order to further assist the passengers to recognize the appropriate gates.

The advertising installations has colored the involved stations until 25th February, whereas the gates installed in a second stage will stay operational also after this date as their property was de facto transferred to ATAC.

Source: Pluservice

TomTom launches new navigation for motorbike riders: the TomTom rider 550

TomTom, TTS Italia ordinary member, announced a new navigation device created for motorbike riders. The TomTom RIDER 550 has several new features to make it faster, smarter and better connected. The new features start with Wi-Fi® updating – no more wires or computer are needed to update the device with the included Lifetime Services (World Maps, Traffic and Speed Cameras). When it comes to planning the ultimate adventure, the new TomTom RIDER 550 offers access to TomTom Road Trips – with 150+ exclusive riding routes available to download. On the road, bikers will notice the new, faster quad-core processor

that delivers increased performance and a smoother navigation experience, and will appreciate that they can interact with their phone via Siri and Google Now™ voice assistants. Even smartphone messages can be read aloud via a headset. [TomTom Road Trips](#) has been created for bikers to discover the world's best rides. Riders can browse and select incredible routes, personalise them, and easily sync them to the TomTom RIDER 550. Additionally, with TripAdvisor reviews on MyDrive, it's incredibly simple for bikers to plan their perfect ride. As with previous models in the popular TomTom RIDER range, bikers can plan and ride the most exciting winding roads and hilly climbs, as well as roundtrip routes, via the glove friendly 4.3" touchscreen. Bikers can even save the rides that they've taken. The new TomTom RIDER 550, which comes with thousands of biker-specific Points of Interest, will be available in Europe from the first week of April for €399. Pre-sales will be available from mid-March.

Source: TomTom

TomTom launches tomtom audio traffic: personalised traffic bulletins

TomTom, TTS Italia ordinary member, announced the launch of TomTom Audio Traffic – personalized and relevant traffic reports delivered over voice to drivers in a non-intrusive way. Audio Traffic is available as an Application Programming Interface (API) for developers. Although personalized traffic information is one of the most requested features by daily commuters driving known routes, they don't necessarily want to use turn-by-turn navigation which typically includes traffic information about the route ahead. TomTom Audio Traffic solves this problem by delivering an accurate traffic news bulletin that is relevant to the specific route that is being driven. And because it's delivered via voice, drivers can keep their hands on the wheel and eyes on the road, helping with safer driving.

TomTom Audio Traffic, which was developed with provider of smart multimedia applications, [Duel](#), is based on TomTom Live Traffic. Using the API, developers can easily integrate it into popular applications including music streaming services, internet radio, voice assistants and more. Ralf-Peter Schäfer, VP Traffic and Travel at TomTom, said: "TomTom Audio Traffic is the next generation of radio traffic bulletins – offering an incredible opportunity for companies that want to capture the ears of the driver." Learn more about TomTom Audio Traffic [here](#). The service is commercially available in English, German, French, Italian and Dutch, and developers can apply for an evaluation key on the [TomTom Developer Portal](#).

Source: TomTom

TomTom on-street parking service now available in 100 European cities

TomTom's On-Street Parking service, a game-changer for drivers on the hunt for that hard-to-find parking spot, has expanded availability to 100 cities in Europe, marking a major milestone for the offering. The service provides drivers with the probability of finding a parking space on the street, as well as the average search-time. [TomTom On-Street Parking](#) supports parking probabilities across cities – including locations where parking costs are free. This provides a distinct advantage to services based on parking payment transactions, which provide a narrow, imprecise view that limits their results to specific geographies and roadways. This leaves better-placed, free parking locations unaccounted for. TomTom On-Street Parking complements the existing Off-Street Parking (parking garage and lot) information service. It's offered to OEM and Enterprise customers, as well as via an Application Programming Interface (API) on the [TomTom Developer Portal](#). Since launch, TomTom's On-Street Parking service has been recognized with the Automotive Innovation Award at the AIA in February 2017, as well as the TechXLR8 award for Innovation in Mobility Services at London Tech Week in June 2017.

Source: TomTom

TomTom Telematics launches next generation fleet management

TomTom Telematics, TTS Italia ordinary member, has launched a new product line-up to enable faster, more efficient, fleet management. The Software-as-a-Service (SaaS) solution, [WEBFLEET](#), has been completely rebuilt and includes brand new features and a fresh, more intuitive user experience that

includes advanced customization capabilities. The revamped software is enhanced when coupled with the new range of TomTom PRO Driver Terminals. Together they help provide more effective job dispatch, while delivering market-leading routing, navigation and traffic information.

"We have drawn upon more than 18 years' fleet management expertise to develop our next generation products, incorporating feedback from our 49,000-strong global customer base," said Thomas Schmidt, Managing Director TomTom Telematics.

"The simple and clean WEBFLEET interface offers a superior user experience and new architecture enables quicker development of core features. It also facilitates faster development and deployment of connected partner applications, enabling the technology to adapt and evolve according to customers' needs."

One of the newly enhanced features enables managers to pre-plan specific routes in New WEBFLEET using an increased range of criteria to help ensure drivers follow specified routes, or avoid certain locations. These routes can then be sent directly to drivers via the new TomTom PRO 5350/7350 Driver Terminals. This is particularly valuable for industries where drivers are required to follow pre-defined routes, such as waste management, or for avoiding accident hotspots.

WEBFLEET maps and reports can be more extensively customized to suit individual preferences, delivering fleet insights faster. The interface has also been optimized for tablets, meaning WEBFLEET offers greater support for flexible working, accessible now on any screen, anywhere.

New WEBFLEET is available to all TomTom Telematics customers across 60 countries, in 13 languages. The new TomTom PRO Driver Terminals are now available throughout Europe, Australia,

Source: TomTom

Viasat Group acquires the French company Locster

The Viasat Group - born in Italy and consolidated in Europe as an excellence in the field of automotive satellite systems integrated with modern telematics technologies and IoT – and TTS Italia ordinary member, announced today the acquisition of 51% of the French company Locster, a Telematics Service Provider specialized in software solutions for Fleet Management market serving 4000 customers and 25,000 connected vehicles that are added, in terms of technological and commercial assets, to the already considerable Group's customer base. Thus, the presence of the Italian Group extends to one of the geographical areas which are more receptive towards technological systems aimed at managing vehicles of all kinds, including cars, light or heavy goods vehicles, agricultural and construction vehicles. The aim is to optimize transport, reduce consumption and carbon dioxide emissions, protect people and goods, reduce road accidents, popularize intelligent mobility systems, and much more. As stated by the President, Domenico Petrone, "With this new corporate action, the eighteenth since the implementation of our own specific growth strategy based on acquisitions as well as commercial growth, the Group has consolidated its position as the leading independent telematics operator in Europe, thanks to its direct presence in Italy, Spain, Portugal, Romania, Bulgaria, Poland, Belgium, the United Kingdom and France (as well as Chile and Argentina), and to its network of distributors covering the remaining European countries. And let us not forget the numerous areas across Africa, Middle East and Latin America, which are connected by the Group thanks to a network of approximately 700.000 telematic connections." "Research in the sector - adds Marco Petrone, Vice President of the Group and head of Corporate Development - consistently places Viasat Group among the top ten companies in the world in terms of number of telematics connections, revenues, number of employees, etc. Our entrepreneurial and managerial choice is to secure our spot among these top players by putting our over 600 employees at the service of our customers, offering a service which is local and takes into account the different languages, cultures and characteristics, peculiarities - but also global, in other words available all across the globe. In these recent hectic years, we have been partnering up with the professionals at Nash Advisory in order to thoroughly study the European market, the available technologies and the possible industrial synergies with the local excellences. In our view, the extraordinary results we achieved are just the first stages of a journey that we will keep pursuing with enthusiasm and conviction". "At Locster - says the CEO, Stéphane Puis - we have been focusing our energies on helping customers digitize their mobile resources for more than 10 years now. Our goal is to make personnel, vehicles and field equipment manageable in a simple and accessible way. By joining the

Viasat family now, we marked a very significant milestone in our history. Considering the highly dynamic and fragmented global telematics market, we trust that this collaboration will increase our competitiveness, opening up numerous business opportunities France and across Europe.”

Source: Viasat Group

TTS in action

In Verona a stakeholders workshop on ITS business models

Within the NEWBITS (New Business Models for Intelligent Transport Systems) project, TTS Italia, partner of it, organized a stakeholders workshop in Verona on the 22nd of February.

NEWBITS is a project funded by the European Commission under the Horizon 2020 European research and innovation program, started in October 2016 and with a duration of 30 months. The aim of the project is to provide a better understanding of the change of conditions and dynamics influencing C-ITS innovations. The project involves the definition of new business models to identify incentives and accelerate the dissemination of the use of C-ITS, through the formation of a community of interest, developed through a web platform, where all the stakeholders in the sector interact collaboratively, to support the objectives of NEWBITS and to contribute to the full diffusion of innovation in the ITS sector. Specifically, NEWBITS, through a collaborative approach and the consultation with relevant stakeholders, will develop the business models of four specific ITS applications; in fact, the project includes four case studies: Barcelona (intelligent carpooling service), Coventry (improvement of railway safety through analysis of the KEEP SAFE project lessons), Delft (innovative ICT methods for port logistics management) and Verona (service of C-ITS for traffic lights management). In particular, the case study of Verona was developed starting from the cooperative guide service implemented and tested during the activities of the Compass4D project in Verona, which provides the experience and know-how necessary for the development of a business model hoc.

The Italian workshop was the first public occasion in Italy to have an in-depth comparison with the stakeholders of the Verona case study; other workshops are under way in Spain, Holland and England on the other case studies of the project. During the Verona workshop, a general picture of the activities carried out so far was provided, the results of a survey conducted on the Italian case study were validated and value propositions were launched and the related business models with the participants, in order to make a valuable contribution to the NEWBITS project for the continuation of activities. The following stakeholders took part in the workshop: Ministry of Infrastructures and Transport, Municipality of Verona, ATV, ACI and Swarco Mizar.

For further information on NEWBITS, <http://newbits-project.eu/>

Source: TTS Italia

MaaS: an online survey to identify the user needs

The MyCorridor project (“Mobility as a Service in a multimodal European cross-border corridor”) is an EU funded project (<http://mycorridor.eu/>) aiming to facilitate sustainable travel in urban and interurban areas and across borders by replacing vehicle ownership with private vehicle use. The project's objective is to use Mobility as a Service (“MaaS”), to put users at the core of transport services and offer them tailor-made mobility solutions based on each individual's needs. The project intends to use MaaS to integrate various forms of transport into a unified mobility platform; accessible via a single app. To explore the awareness and acceptability of Mobility as a Service (MaaS) and identify the key concerns, user needs, preferences and value propositions regarding mobility, MaaS and MaaS enabling applications, the project launched an online survey.

The anonymous survey is available until 9 March here: <https://www.soscisurvey.de/OnlineMaaSsurvey/>
For more information on MyCorridor, please visit mycorridor.eu
Source: MyCorridor Project

MyCorridor: a video for MaaS and the first newsletter

MyCorridor launched its first newsletter and a short video animation to explain MaaS and its practical daylife implications.

MyCorridor is a project funded by the European Commission within the Research and Innovative Programme H2020. The project kicked off in June 2017 and will last 36 months. The aim of MyCorridor is to facilitate sustainable travel in urban and interurban areas and across borders, by creating an integrated/multimodal MaaS chain. TTS Italia is responsible for the Pilots implemented and is involved in the dissemination activities.

For the video, <https://www.youtube.com/watch?v=gEwbNks3RYs&t=5s>

For the newsletter, <https://mailchi.mp/bb87c2cd47d7/mycorridornewsletter>

For further information on MyCorridor, mycorridor.eu

Source: MyCorridor Project

ITS relevant tenders in Italy

For all the tenders, you need to access the private area of www.ttsitalia.it

Italia – Chieti: Signaling systems

Italia – Lesina: Systems for detection of infringements

Italia-Castro: Services for parking areas management

Italia-Chiavari: Devices for data transmission

Italia-Pesaro: Devices for parking areas management

Save the date

Italy

Green Logistics Expo

7-8-9 March 2018, Padoa

For further information, <http://greenlogisticsexpo.it/?lang=en>

2° National Conference on Sharing Mobility

27 March 2018, Rome

For further information, <https://www.fondazionevilupposostenibile.org>

Worldwide

IT-TRANS

6-8 March 2018, Karlsruhe, Germany

For further information, <https://www.it-trans.org/>

Road Safety & Innovation Forum

27 March, 2018 - Sofia, Bulgaria

For further information, <https://www.irf.global/event/>