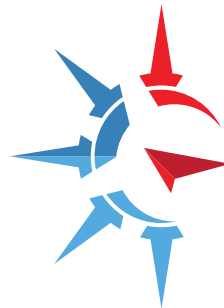


ITS Romania Congress 2023



ITS Romania

CONGRESS 2023

IASI, 25-26 SEPTEMBER 2023

ORGANIZED BY



UNDER AEGIS



MINISTERUL DEZVOLTĂRII,
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Mayor of Iasi

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Welcome from the host – Mihai CHIRICA, Mayor of Iasi

We often say that a city must become as livable as possible, we constantly make lists of livable cities in Romania and in the world, but few know that the former mayor of London, Ken Livingstone, was the first to state that "The role of the mayor is to make the locality as livable as possible".

So, is Iasi a livable city? Has Iasi become more livable in recent years? We have better transport, a more modern infrastructure, more efficient services, increased safety of citizens - has the standard of living in Iasi increased for as many people as possible?

I would answer, without any hesitation, that yes, since, after a wait of more than two decades, the Capital of Moldova has reappeared in the lists of the most attractive cities in Romania. Today, Iasi is among the cities with an expanding economy, among the cities nominated as a possible and desirable new residence for tens of thousands of Romanians from all the provinces of the country, but also among the

In this context, the development and, above all, the modernization of public transport has become not only a necessity, but a priority of the local administration. Connectivity, sustainability and mobility are now the basic concepts on which the new urban vision of Iași is built. We think smart because we live in the digital age and we focus on "green" transport because we care about the environment.

Iasi stands very well in all aspects of the transport of the future and we don't want to stop there. We will continue to invest so that the people of Iași benefit from transport worthy of one of the most important cities on the eastern border of the European Union.

Mihai Chirica, Mayor of the Municipality of Iași



Congress partners



RADCOM SA is a Romanian company, founded in 1993, that offers IT and communications solutions for the public sector, GSM operators, the medical sector, the financial sector and SMEs.

RADCOM SA is structured in three divisions:

RADCOM IT&C DIVISION

Specialized in the development of software and hardware products, integration and related services

Over 100 employees, 5 departments:

Telco solutions, web solutions, Embedded solutions, telematics and DevOps systems and maintenance

RADCOM RTND DIVISION

Specializing in installation, commissioning, acceptance testing or preventive or corrective maintenance for GSM sites and civil works

200+ permanent employees, up to 600+ collaborators according to the project

SERVICE DIVISION

Providing specialized IT and electronic after-sales services

RADCOM SA is ISO 9001:2008, ISO 14001, ISO 27001, ISO 20000 and OHSAS 18001 certified.

ITS products - hardware and software

- iFleet - Fleet Management System, including Automatic passenger counting and Video. Planning and resource management tools
- Real time interactive traffic dispatch
- OptiFare - E-Ticketing System
- eXact - Passenger Information System
- On-Board Computer
- E-Check and EMV E-Check Contactless Validators
- LED Information Displays

Congress partners



In a nutshell:

- Elmark Automation SA is a distributor of components for industrial network communication infrastructure
- Headquarters in Warsaw. Established in 1983.
- One of the biggest distributors in Europe of: Advantech, Getac, MOXA, Unitronics.

Polish leading distributor of solutions for industrial automation.

- Over 80 employees
- 2022 Turnover: 30.000.000 EURO.
- More than 27.000 delivered orders in 2022
- Our stock values over 7.000.000 EURO
- E-commerce website with better conditions for registered partners: www.elmark.com.ro

Our 4 main specializations:

- Data transmission
- Industrial computers and laptops
- Power supplies
- PLC, HMIs and Invertors

The industries that we focus on:

- Intelligent Traffic Management, Railway
- Power, Oil&Gas, Water

Portfolio

1	ADVANTECH	industrial computers, industrial routers, industrial switches, <u>serial-ethernet</u> converters, etc.
2	MOXA®	industrial switches, <u>cyber</u> security, <u>ethernet</u> /fiber serial converters etc. (We are the new and only official distributor in Romania)
3	elmatic	Our own brand of industrial computers configurable from A to Z (any processor, RAM, storage, ports etc) where we configure <u>Advantech</u>, MSI PC or <u>Neosys</u> industrial computers. More details: https://elmatic.net/en/products.html 
4	Getac	Rugged laptops, rugged and semi-rugged tablets
5	DURABOOK	Rugged laptops, rugged and semi-rugged tablets
5	MW MEAN WELL	DIN rail power supplies + more
6	realwear	Hands-free smart glasses.
7	UNITRONICS	PLCs, HMIs, inverters, servos

Congress partners



About us

ELECTRONIC SOLUTIONS is an engineering and consultancy company focused mainly on Intelligent Transport Systems (ITS) and Communications fields. The company was founded in 1991.

We provide engineering and consultancy services mainly for ITS, Telecommunications and Waterborne Transport fields.

We also design and implement small scale Integrated Systems, Test Systems, Pilot Projects and Demonstrators in these fields.

ELECTRONIC SOLUTIONS is the distribution partner of PTV GROUP in Romania since 2018. PTV Group is a leading company in intelligent software solutions for transport logistics, traffic planning and traffic management.

ELECTRONIC SOLUTIONS has implemented a Project and Quality Management system in order to assure best performances and client satisfaction.

Since 2007 we have certified our Quality Management System and now have an ISO 9001:2008 certification for Consultancy services and for Design, Research and Engineering activity.

Congress partners



Is a fast-growing company that specializes in providing traffic sensing solutions and services based on video cameras, radar technology and Bluetooth sensors.

We work with transportation professionals such as traffic planners and engineers who need comprehensive data sets and easy reports for their projects.

Our commitment is meeting the challenges of future urban mobility head-on through innovation and entrepreneurship.

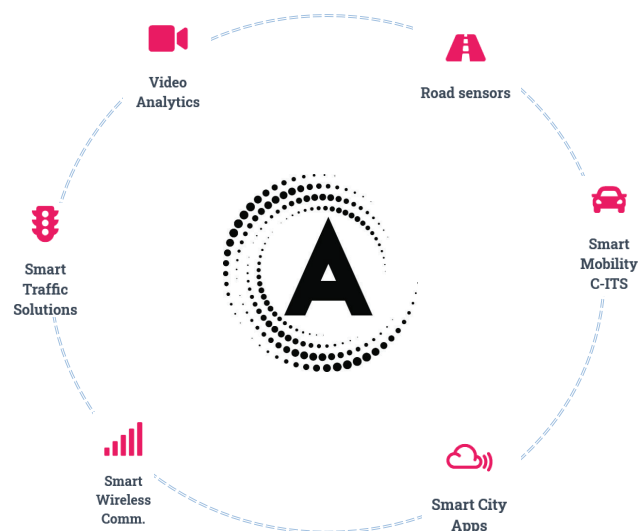
Our Vision

Be a recognized leader in introducing, to European ITS markets, the most reliable, innovative and efficient solutions to address urban and interurban needs for a safer, more environmentally friendly and more sustainable mobility

Our Values

- Reliable solutions, innovative ideas
- Flexibility in approach and hard work
- Honesty and trust among partners and customers
- Efficient and faster processes for a better customer experience
- Compliance with national and EU/global standards and procedures

Smart Mobility Digital Transformation



Congress partners



WHO WE ARE

You encounter us every day on the roads of our planet. Our products, systems, services and turnkey solutions offer orientation, safety and convenient travelling for all people on the move. Following the spirit of SWARCO founder Manfred Swarovski we live agility, innovation and trustful cooperation and do not hesitate to go the extra mile for you.

The traffic technology group SWARCO headquartered in Wattens near Innsbruck / Austria has an international network of production facilities, offices and partners on all continents and offers one of the most complete solution portfolios for road marking, signage, urban traffic management, parking, highway and tunnel management, and public transport.

We connect vehicles with the road infrastructure, help in setting up charging infrastructure to boost electro-mobility and offer modular and holistic solutions with added values that support tomorrow's mobility and make life in our cities more liveable.

SWARCO's over 5,300 traffic experts are looking forward to elaborate and implement jointly with you the solutions that really meet your individual requirements.



The Congress

Congress Themes:

- Digital transport infrastructure
- Smart cities and green mobility
- Mobility as a Service, Systems as a Service
- Electro-Mobility, parking solutions
- Multimodal ITS systems for integrated urban-interurban mobility
- Open mobility data, National Access Point, IoT
- Connected, cooperative, and automated mobility

Summary:

On September 25, 2023, the Congress began with a press conference held at the Iași City Hall, in the events hall. This was followed by a plenary session moderated by Mr. Mihai NICULESCU – General Director of ITS Romania. The session started with a written message from European Commissioner Adina VĂLEAN, conveyed to the participants by Mrs. Adela MIHUȚ – Head of Service at the Ministry of Transport – Directorate of European Affairs and International Relations.

In the afternoon, the Congress continued at the Braunstein Palace with Session 1 – Digitalization and multimodal ITS services. During this session, solutions and products from ELMARK Automation and Continental were presented, as well as activities from the Smart Cities of Romania Cluster and information on projects and activities in the field of rural mobility.

On September 26, the Congress began with

Session 2 – Smart and green urban mobility, Public transport. During this session, solutions and products from RADCOM and Analytium were presented, as well as information about the CIVINET Romania national network.

The last session of the Congress

was Session 3 – Policy, financing, training, and education. During this session, the Ministry of Transport was represented by Mrs. MIHUȚ who spoke about the participation of the Ministry's experts in drafting European regulations and strategies in the field of ITS.

An exhibition space was also organized during the Congress where companies Radcom, ELMARK Automation, Analytium, and Electronic Solutions presented their products and technologies.

Participants had the opportunity to see various equipment and devices such as parking meters, e-ticketing validators, passenger information panels, or traffic monitoring cameras.



The Congress

Keynote speakers

Mihai CHIRICA - Mayor of Iasi

Adrian FOGHIS - State Secretary, Ministry of Transport and Infrastructure

Marin TOLE - State Secretary, Ministry of Development, Public Works and Administration (online)

Stefan ROSEANU - President, Railway Reform Authority

Cristian PISTOL - General Director, Romanian Road Infrastructure Administration

Cristian STOICA - General Director of Public Transport Company Iasi

Joost VANTOMME - CEO, ERTICO-ITS Europe (online)

Guenther WEBER - Chairman, Network of National ITS Associations (online)



The Congress

Programme

DAY 1 – 25.09.2023 – City Hall & Braunstein Palace

11.30 – 12:00	Press conference
12.00 – 12:30	Opening Ceremony <i>Moderator Cristian ANDREI – President, ITS Romania</i> - Mihai CHIRICA – Mayor of Iasi - Adrian FOGHIS – State Secretary, Ministry of Transport and Infrastructure - Marin TOLE – State Secretary, Ministry of Development, Public Works and Administration (online) - Cristian STOICA – General Director of Public Transport Company Iasi
12.30 – 13.45	Plenary Session <i>Moderator Mihai NICULESCU – General Director, ITS Romania</i> - Joost VANTOMME – CEO, ERTICO-ITS Europe (online) - Adrian FOGHIS – State Secretary, Ministry of Transport and Infrastructure - Guenther WEBER – Chairman, Network of National ITS Associations (online) - Stefan ROSEANU – President, Railway Reform Authority - Cristian PISTOL – General Director, Romanian Road Infrastructure Administration
13.45 – 15.00	Transfer to Braunstein Palace & Lunch
15.00 – 16.30	Session 1 – Digitalisation & multimodal ITS services <i>Panel discussion</i> - Mihai DIGA – ELMARK Automation - Ciprian COMSA – Continental Automotive Romania Iasi - Stelian ARION – President, Smart Cities of Romania Cluster - Adrian MIHU – CNAIR - Sorin DUMITRESCU – Electronic Solutions - Stelian TARULESCU – Transilvania University Brasov – E-mobility solutions for rural areas
20.00	Networking dinner

DAY 2 – 26.09.2023 – Braunstein Palace

09.00 – 09.30	Welcome Coffee
09.30 – 11.00	Session 2 – Smart, Green Urban Mobility & Public Transport <i>Pannel discussion</i> <i>Moderator Mihai NICULESCU – General Director, ITS Romania</i> - Increasing the accessibility of public transport through digitalization, Public Transport Company Iasi - Gheorghe GIGEA – Radcom - Valentin MAGLIANO – Digitalization in ITS: Solutions for Road Safety and Sustainability in Traffic Monitoring, Analytium - Violeta MIHALACHE – National Network CIVINET Romania (online)
11.00 – 11.15	Coffee/tea break
11.15 – 12.40	Session 3 – Policy, Financing, Training and Education <i>Panel discussion. Moderator Lucian ILINA, Head of Traffic Department – CNAIR</i> - Felix ARDELEAN – General Director, General Division European Funds, Ministry of Transport - Catalin BOGHU – Executive Director, Digital Transformation and Smart-City Implementation Directorate, Iasi Municipality - Prof. dr. Dan CASCAVAL – Rector of Technical University Gheorghe Asachi - Stelian TARULESCU – Transilvania University Brasov – Methods of teaching ITS concepts to students
12.40 – 13.00	Closing Ceremony - Launching Competition of the ITS Romania Congress 2025
13.00 – 14:00	Lunch / Farewell reception

The Congress

The location

Roznovanu Palace - Iasi City Hall was built in 1830-1832 after the plans of architect Gustav Freywald, who also designed the Iași Metropolitan Cathedral.

Initially, the architectural style of the building was the Neoclassic one. A chapel was also built in order to serve the palace, today not existing anymore.

Until the end of the 19th century it was the residence of the rich family Rosetti-Roznovanu. The entire Russian diplomacy, from the Organic Regulation period (1829-1831) used to work here. On the 3rd of April 1866, in the palace yard, a violent separatist manifestation took place.

The palace hosted important figures of the epoch, members of the royal houses, but also famous artists, such as Hariclea Darclee and George Enescu. In 1891, mayor Vasile Pogor got the building from the Roznovanu family. There is also a legend saying that the palace had been lost at a card game by the owner.

The construction was modified in order to be used as headquarters of City Hall. The news of Prince Alexandru Ioan Cuza's abdication and bringing to the throne of a foreign prince reactivated the Anti-Unionist Movement, formed of Moldavian boyars unsatisfied by the situation of the Principality of Moldavia after the Union. The objective was the separation from Wallachia and bringing to the throne the boyar Neculai Rosetti-Roznovanu.

The army intervened at the order of Lascăr Catargiu and after some violent street confrontations, the anti-unionist barricade, from in front of Roznovanu Palace was taken down, with victims on both sides, and the leader were arrested.

On the rebellion, Ion Creangă also participated for the anti-unionists, saving Moldavia's metropolitan who was wounded in the confrontations.

Cultural Heritage: Braunstein Palace, Iasi

Situated in the city of Iași (Romania), in the central - historical area near Unirii Square, Braunstein Palace is a cultural heritage monument built in the art nouveau architectural style at the beginning of the 20th century. Currently, the building houses the "Cupola Galleries", the exhibition hall of the Union of Fine Artists. Impressive by its sumptuousness, the palace was built on the site of older buildings owned by Adolf Braunstein, a Jewish entrepreneur who at that time owned several nearby shops. The cupola of the palace was inaugurated in 1915.

Over the last century, the building has been used for various functions, including as a hotel, bank and party headquarters. Braunstein Palace is one of the cultural heritage objectives located in the area subject of the Case Study in Iași, covered in the Local Action Plan for the Promotion and Protection of Cultural Heritage in Iasi Municipality, developed between June 2017 and June 2018 SHARE partner North-East Regional Development Agency.



Technical visits

Public Transport Management Center

Here, participants were shown the systems and applications used for activities such as passenger information or fleet management in Iasi, as well as the technologies installed on the new electric buses and modern trams.



Continental Iasi

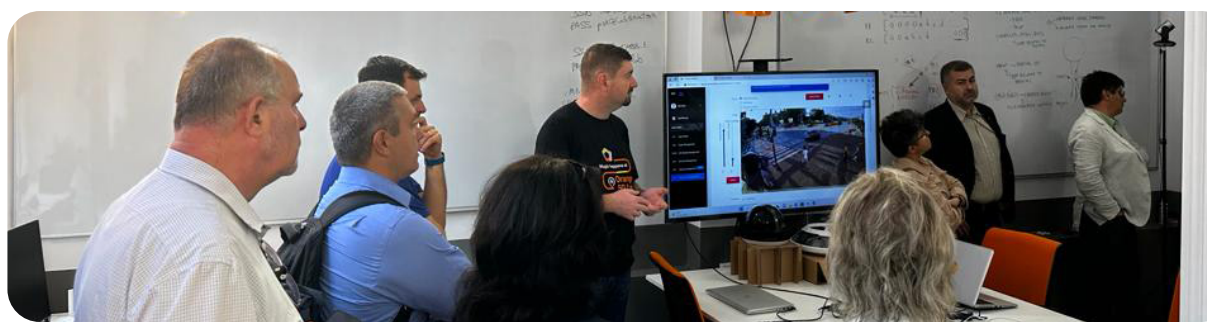
The main aspects presented to the participants were:

- Continental ensures and tests the products supplied for beneficiaries under optimal conditions
- They are developing parallel projects for autonomous cars
- The factory can test products made by other manufacturers, not just by Continental.
- The product testing process is highly advanced, allowing for reduced costs and a lower risk of testing products in practice.



Orange 5G Lab

Orange 5G Lab is an initiative by Orange in collaboration with the Gh. Asachi Technical University of Iasi (TUIASI) and Continental Automotive Romania. Orange 5G Lab brings the latest communication network, advanced equipment, platforms, and an expert team from Orange and TUIASI. Participants had the opportunity to see various communication equipment and were presented with the main applications of 5G in the field of transport, including the pilot system from the Roș Pod intersection.



General info about Iasi

Known as the Cultural Capital of Romania, Iași is a symbol of Romanian history. Historian Nicolae Iorga stated that "there should be no Romanian who does not know of it". Still referred to as "The Moldavian Capital", Iași is the main economic and business centre of Romania's Moldavian region.

In Iasi there are also many prestigious universities. The Technical University "Gheorghe Asachi", with over 15,000 students, is the continuation of the first higher school of engineering in Romania. The city has the first higher school of music in Romania, "George Enescu" University of Arts. On the Copoului hill is the oldest university in Romania, the University of Iași, today also called "Alexandru Ioan Cuza" University. Founded in 1860 by decree by Prince Alexandru Ioan Cuza, a continuation of the old Mihăilene Academy, the university today has 15 faculties, with over 40,000 students. The main building, an architectural monument, was erected in 1896.

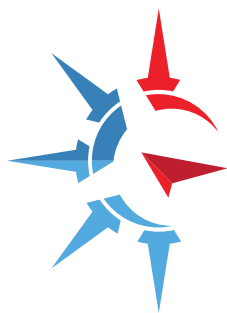
In the Eminescu Square, during the interwar period, the building of the Royal Cultural Foundation was built, which today houses the oldest university library in the country, the "Mihai Eminescu" Central University Library, with a collection of books approaching 3 million copies, some very rare.

Other well known universities are: "Grigore T. Popa" University of Medicine and Pharmacy, "Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine", and „Petre Andrei” University.

"Grigore T. Popa" University of Medicine and Pharmacy, established on September 30, 1879, within the "Alexandru Ioan Cuza" currently has 4 faculties: the Faculty of Medicine, the Faculty of Dental Medicine, the Faculty of Pharmacy and the Faculty of Medical Bioengineering, with undergraduate fields in health and applied engineering sciences respectively.

It is considered one of the most prestigious profile universities in Romania with multilingual status. It organizes and coordinates university and postgraduate training, as well as scientific research and national and international cooperation in the medico-pharmaceutical field.





ITS Romania

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www.congress2023.its-romania.ro