

This year we celebrate 30 years of activity in integration and innovation of ICT / IoT solutions. We are proud of what we achieved in all this time and we are grateful to have such a great team to work with.

During this time we were active in various areas, such as: IoT, Cyber Security, Smart City, Smart Agriculture, Telecommunications. We are involved in numerous R&D projects regarding different development areas. Here are some of our projects:

R&D PROJECTS

Security

SAFE CARE

Integrated cyberdefense security for health services

SAFEguard of Critical heAlth infrastruCRE

PARFAIT

Personal dAta pRotection FrAmework for IoT interoperability

SealedGRID

Scalable, trustEd, and interoperAble pLatform for sECureD smart GRID

ALADIN

Airports Landside and Air-land Side Attacks' Detection and Prevention

ODSI: On Demand Secure Isolation

SenSyStar: Smart system for monitoring combustible gas leak

ToR - SIM

Integrated Software Platform for Mobile Malware Analysis

DEFAUDify

Detect Fraudulent Activities in dark web and clear web to protect your business

IoT

A Cloud-aware distributed parallel compiler

ACCELERATE

A Platform for the Acceleration of go-to market in the ICT industry

OPTIMUM

OPTimised Industrial IoT and Distributed Control Platform for Manufacturing and Material Handling

POWER-SME

Cloud Platform for Smart Energy Use in SMEs

SOCial LOcal MObile iNdoor shopping experience

SaaS service to stakeholders in the forestry domain

European investment for Digitalisation and Automation Leadership

Smart Water Management system for better environmental sustainability

Proximity Services Framework

Smart City

Smart City 3D Simulation and Monitoring Platform

SARWS – Real-time location-aware road weather services composed of multi-modal data

Mobile System for Tele-Monitoring Air Quality

4

TOILET4ME

A totally new way of offering a type of supportive toilet in places outside the own home

Virtualized Video Services

Hybrid VLC/IR-RF

Communication for Smart Space Based on Multi-Functional Thermal Image Sensor Module

Artificial Intelligence

Profiling and Analysis Platform Using Deep Learning

SOMEDI

Social media and digital interaction intelligence

Speech2Process: Smart, natural language semantic analyzer platform to process-oriented back-ends

Smart Health

Wearable IoT Network Solution for Work Safety in Hazardous Industrial Environments

Environmental Sensing To Act for a Better quality of Life: Smart Health

TORCH

TORCH: *T* – toxoplasmosis
O – Other infections, *C*oxsackie virus, *s*iphilis, *v*aricella, *H*IV, *p*arvovirus *B*19, and *h*epatitis *B*
R – rubeola
C – cytomegalovirus
H – herpes simplex

Smart Agriculture

SmartAgro: Telemetry System for Intelligent Agriculture

FarmSustainaBI

The main objective of the project is to apply a holistic approach for decreasing the GHG emissions derived from intensive livestock farming by optimizing the livestock production.

In 30 years we have managed to connect with countless partners and get involved in various projects. We have established successful relationships that have benefited both us and our clients.

Meet some of our partners:

National - Orange, "Politehnica" University of Bucharest (www.upb.ro), Research Institute for Artificial Intelligence (Romanian Academy) (www.racai.ro), Romanian Space Agency (www.rosa.ro), National Institute for Research-Development in Electrical Engineering (www.icpe-ca.ro)

International - Siemens, Atos Unify, VOXTRON, Huawei Technologies, CISCO, OTT Hydromet, Gigaset, Dassault Systemes, Taiger, Abalia, HI Iberia Ingeniería y Proyectos, Prodevelop, VTT Technical Research Centre of Finland Ltd., Turkgen, FLUIDION

Telecommunication equipment

We offer a vast quantity of products from our long term partners and, like them, we try to stay up to date with the innovations in telecommunication. Some of these products consist of pabx equipment, headphones, and various types of phones for call centers, hotels, secretariat and more.

We know the hardware is somewhat hard to maintain so in the last years we also partnered with world leaders in cloud call centers solutions. But if you love to own and always keep an eye on your equipment, our team has over 10 years of experience in installing and maintaining your telecommunication solution.



During these years we have managed to develop and implement many solutions meant to help the work of our clients and business partners.

Our solutions:

POLDER - Telemetry platform for smart city mobility and environmental monitoring - <http://www.beiaro.eu/polder/>

Citisim - 1) Smart Energy Business Intelligence Tool

2) Environmental motion assistant

3) Energy production and consumption monitoring tool - <http://www.beiaro.eu/citisim/>

<http://www.citisim.org/>

Somedi - advanced text analytics application for sentiment analysis - <http://www.beiaro.eu/somedi/>

ESTABLISH - Smart Health Application - <http://www.beiaro.eu/establish/>

Power2SME - Energy production and consumption monitoring platform (data visualization, notifications/alerts) - <http://www.beiaro.eu/power2sme/>

SmartAgro - telemetry platform with self-diagnosis and self-configuration functions for intelligent agriculture - <http://www.beiaro.eu/smartagro/>

SOLOMON - Smart Parking Platform - <http://www.beiaro.eu/solomon/>

AISTOR - Innovative lithium-ion energy storage system, with AI control - <http://www.beiaro.eu/aistor/>

HUBCAP - Collaborative platform for cyber-physical systems - <https://www.hubcap.eu/>



Research has a very important role in everything we do. Therefore, we annually write over 100 scientific articles based on studies conducted in the development of our projects.

We have written and are writing articles that are published in various journals and are presented in numerous scientific conferences.



Some of our scientific papers:

- Suciu, G., Vulpe, A., Halunga, S., Fratu, O., Todoran, G., & Suciu, V. (2013, May). Smart cities built on resilient cloud computing and secure internet of things. In 2013 19th international conference on control systems and computer science (pp. 513-518). IEEE.
- Suciu, G., Suciu, V., Martian, A., Craciunescu, R., Vulpe, A., Marcu, I., ... & Fratu, O. (2015). Big data, internet of things and cloud convergence— an architecture for secure e-health applications. Journal of medical systems, 39(11), 1-8.
- Marcu, I., Suciu, G., Bălăceanu, C., Vulpe, A., & Drăgulescu, A. M. (2020). Arrowhead technology for digitalization and automation solution: smart cities and smart agriculture. Sensors, 20(5), 1464.
- Suciu, G., Istrate, C. I., & Dițu, M. C. (2019, June). Secure smart agriculture monitoring technique through isolation. In 2019 Global IoT Summit (GloTS) (pp. 1-5). IEEE.
- Suciu, G., Vulpe, A. L. E. X. A. N. D. R. U., Todoran, G., Cropotova, J. A. N. N. A., & Sucui, V. (2013). Cloud computing and internet of things for smart city deployments. Challenges of the Knowledge Society.

Projects that were completed successfully:

- CLOUD-CONSULTING;
Cloud-based Automation of
ERP and CRM software for
Small Businesses
- NMSDMON: Network
Management System
Development and
Monitoring
- TELEGREEN:
Telemonitoring System
equipment, installations
and facilities for the
production of clean energy
- MITEAPL
- LOCOMAX
- SEDCC
- ROIP-Wireless-Telemetry
- PRO-EURO-TIC
- TERRA_RO
- SAWHAU



- FAIR: Friendly Application
for Interactive Receiver
- REDICT: Regional
Economic Development by
ICT
- COMMCENTER:
Developing a "cloud
communication center" by
integrating a call / contact
center platform with
unified communication
technology, CRM system,
"Text-to-speech" and
"automatic speech
recognition" solutions in
different languages (including
Romanian)
- ARTEMIS
- HIBRIVOLT
- CITISIM

BEIA Consult Intl. disseminated over 50 R&D projects



Before COVID-19 we were physically active in a vast range of events and networking opportunities and in present we mostly participate in online events. Participating in various events help us develop, discover new solutions and establish new partnerships.

Events where we love to participate every year:

GoTech World

Formerly known as IMWorld, the largest B2B conference & expo in Central and Eastern Europe is hosting over 2.500 digital business solutions every year and brings on the event stages experts from Tesla, Oracle, Fujitsu, Airbus and Microsoft.

Smart City Expo World Congress

Held in Barcelona since 2011, Smart City Expo World Congress (SCEWC) is the international leading event for smart cities. Their mission is to empower cities and collectivize urban innovation across the globe. Through promoting social innovation, establishing partnerships and identifying business opportunities, the event is dedicated to creating a better future for cities and their citizens.

Cyber Security and Cloud Expo

The Expo covers top-level content and leadership discussions looking at the Cyber Security & Cloud ecosystem.

Global IoT Summit

The Global IoT Summit (GloTS) is an international conference aiming to attract and present the latest research results in IoT. It is endorsed by Springer and intends to select the best papers through a systematic peer review process.

BIG DATA WEEK BUCHAREST

Big Data Week goes to the heart of big data to examine how it is used in practical business scenarios. One week filled with events: Online Workshops, Classes, Conferences, Digital Exhibitions, Demos, Technical Talks, Business Presentations.

The best IoT and telemonitoring applications

Our specialists have designed and realized spectacular applications characterized by precision, sustainability and outstanding value of the data provided. Irrigation management, precision agriculture, hydrometrics and hydro-energy are just a few of them.

Check more here: <http://eng.beia-telemetrie.ro/applications/>

OUR WORK IN NUMBERS



400+ project partners

130+ projects

15+ wp leader dissemination &
communication & exploitation

150+ marketing materials

40+ websites designed & implemented

Social Media presence

Social media has a great importance in our daily activity. We keep track of followers, partners and future clients and keep them updated with the latest news from our projects. You can find us on Twitter, Instagram, Facebook and last but not least LinkedIn.

Twitter: <https://twitter.com/beiaconsult>

Instagram: <https://www.instagram.com/beiaconsult/>

Facebook: <https://www.facebook.com/BeiaConsult>

Linkedin: <https://www.linkedin.com/company/2014474/>

CLOSER TO YOU AND TO YOUR NEEDS!



Office information



BEIA Consult
International

16, Peroni Street

Bucharest, Romania

Phone: +4021 332 3005

Email: marketing@beia.ro

Websites: www.beia.eu

www.beia-telemetrie.ro