Software Park Galati

IT&C
Cluster
Dunărea de Jos
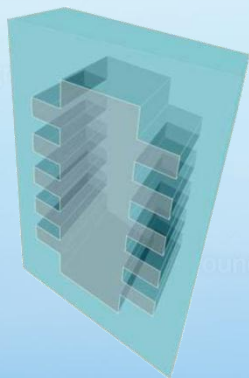
Innovation, research and challenge in the Galati city

The premises of an IT&C Cluster in Galati

- The existence of **Software Park** since 2004 - the only accredited Scientific and Technologic Park in the Southeast region
- Academic environment;
- A relatively large number of companies active in the ITC field;
- The support of local authorities;

Software Park Galati

The Software Park in Galati was born as an initiative of the consortium formed by County Council of Galati, Local Council of Galati, University "Dunarea de Jos" of Galati, S.C. Navrom - Business Centre S.R.L. Galati

 The Softwarepark in Galati comes as an initiative of the L**ocal Authorities** and of the **Romanian Government**.
24.10.2002 - The Ministry of Research and Education granted the first title of scientific and technological park, in Romania to the Software Park, located in Galati, 23, Portului Street.

The facilities offered by the park administration
Spaces for usage:

- 64 offices
- A training room 20 seats
- A conference room 50 seats
- Protocol room
- Consultancy and research dedicated spaces
- Multimedia room
- Servers room

Offered utilities:
Connexions to the public utility networks
Centralized climateric instalation
Electrical damage protection
Anti-fire system
Centralized services :

- Reception - secretarial services
- Security services
- Cleaning services

Who are we?

- **The cluster management unit: Software Park Galati**
- Local administration
- Academic environment: "Dunarea de Jos" University and "Danubius" University
- Partner institutions: Tehnopol Association, Romanian School of Inovation Association and Industrial Park
- 22 local and national IT&C companies – founding members
- 20 local IT&C companies – affiliated members

MISSION (Objectives)

- Increase the capacity of research - development (R & D), stimulating cooperation between institutions of research - development and innovation (RDI) and enterprises and increase access of companies to CDI
- Identify and promote initiatives that generate innovative products and services.
- Generate research, development and innovation projects
- Organize trainig programs, qualification and improvement open for the specialized cluster memebers and also to all those interested
- Represent the IT&C interests in front of any state institution.

Vision

- A coherent framework for cooperation and collaboration between cluster members
- Promotes and protects the professional and commercial interests of its members
- Performs research activities and studies and develops strategies, builts databases, systematize information and provides the wide and non-discriminatory access of the members to these.
- Elaborates promoting strategies and conducts activities to promote projects developed by it and its members.
- Performs communication activities, image building (branding) at national and European level, strenghthening the cooperation with internal and European partners.

Short and medium term action plan

- Innovative products with high added value
- Production activity located in Galati
- Increasing local competitiveness of IT education
- Creating collaborative mechanisms to address large projects
- Attracting resources and investments for ITC development

State of the art

- 13 projects submitted for POC 2014-2020, Op. 221:
  - 11 projects approved in the current phase of assessment;
  - 7 innovative products that start to be developed exclusively in Galati
  - Cumulative budget– aprox. 8 mil. Euro
  - Cumulative human resources – 60 jobs
- Setting up a Cisco Academy in the Tehnopol Association supported by collaboration with the Danubius University
- Partenership with the National Association for Information Security Systems and founding in Galati of a cybersecurity center (laboratory) and a working group in security systems field that will be the starting point in research-development activity, but also a powerful tool in the field of information security.
- Two project charts submitted to ADR S-E for Axis 1 POR, with a cumulative value of 3 mil. euro:
- Developing the Technology Transfer Center within Galati Science and Technology Park;
- Promoting entrepreneurship by facilitating the economic exploitation of new ideas and by developing the Business Incubator within Galati Science and Technology Park

The challenge

- Providing specialized staff needed to run the started projects
- Attracting specialists from neighboring regions
- Stopping the migration to the economically developed regions
- Providing necessary support to identify all types of resources needed for starting the production of products made through projects that require hardware
- Stimulating entrepreneurship spirit especially in academic community and founding start-ups in which students are involved
- Impact on local and regional development strategy

Innovative projects

Name of project: Integrated ITC accessible for climate control, intelligent optimization of production and consumption of water and nutrients in order to increase economic competitiveness of farmers
Main objective: Creation and development of an integrated ITC system, which is versatile and affordable used for the environmental control, intelligent optimization of the production and consumption of water and nutrients in order to increase the economic competitiveness of agricultural producers.

Name of project: Decision Support System for Precision Viticulture
Main objective: creation of a hardware-software system decision support with which precision farming principles of viticulture can be put into practice.

Name of project: Integrated software system for managing and archiving original documents- 100% secure original documents management
Main objective: Scan "fingerprint" special paper
Using the properties of a special paper, each page being unique and having inserted aprox 1000 microwires in composition, microfibres which are randomly distributed, being impossible to reproduce a sheet. The scanning system uses scanning technology in X-ray or magnetic field - making magnetic imprint paper and graphics; The equipment is compact with integrated software provided with the fingerprint reader magnetic printer (extended version) and certified electronic signature solution;

Name of project: ConnecED -Integrated platform of wireless internet connection of educational institutions
Main objective: The platform allows administration panel secured at the school level, virtual library of Open Educational Resources built on the school curriculum, features single sign-on, roaming users, event management and alerts management to the cloud, integrating all the equipment found in a class modern (projector, smart boards, sound bar, camcorder, etc)

Name of project: : Integrated AVL solution for acquisition, processing and transmission of data
Main objective: design, development and implementation os SI-AVL-APT system, formed of smart mobile subsystems placed on cars/trucks and new servers acting as dispatcher/coordinator of the network of mobile systems and as a link with the special emergency services and security.

Innovative projects

Name of project: Smart Cleaning Sistem to clean from distance specific surveilance cameras located outside
Main objective: Integrated software solution IoT type

Name of project: Dispatch integrated software solution and a software solution client-server to monitor the mobile units in real time, with the possibility to track online steps taken under the intervention procedures.
The specific objective: Creating procedures dynamically, on interractive maps in dispatch, sending them to the mobile units and tracking in real time tracking of browsing them by response team.
The mobile solution allows sending pictures and video in real time from a monitored position on the map, and allows integration with a document management solution for filling predefined forms.
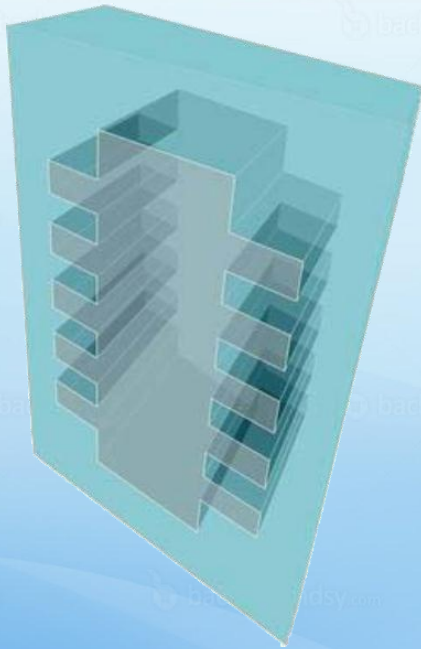
Name of project: Smart Dispach – dispatcher to monitor activity and events in elderly people or children.
Main objective: the system is composed of an application dispatcher where there is a database of watched people which contains information about medical situation, medication, caretakers etc, and a application for the watches with GPS that they are wearing to their hands when they are leaving the location (asylum, hospital etc)
The solution installed on watch monitors vital parameters of the patient and allows sending SOS signals type (panic button and accelerometer for fall) by the dispatcher with the location position on the map.

Project name: Smart Museum Guide – multimedia museum guide
Project objectives: With the evolution of mobile environment, this guide will replace classic audio-guide, and provide visitor information directly from your multimedia by location (automatic detection) or on request by scanning QR codes. It has implemented marketing facilities for museums (Facebook sharing for exhibits, events calendar, customer database, statistics tour, etc) and security features, access control, traffic analysis, etc. The application delivers content scientifically validated at the same quality level constant in several languages and can develop augmented reality elements.

Software Park Galati

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