

## Alliance Informatics and Innovation Cluster

The cluster was established on 1 June, 2007 by 18 members. The activities of the cluster cover the entire country. In December 2011 the cluster qualified as an Accredited Innovation Cluster for additional two years.



The cluster is primarily engaged in Machine-to-Machine (M2M) communication based business solutions, development of sports assistance systems, elaboration of healthcare industry support systems and e-learning.

M2M business solutions and applications still mean a new market – their existence is greatly assisted by mobile communication technologies. One of these solutions' main characteristics is that continuous and well-forecast development of mobile communication (bandwidth and coverage expansion, price cuts) will ensure the connection of devices (measurement instruments, probes etc) into networks in an increasing number of business areas. The cluster aims to create innovative products and healthcare applications which can help generate profit for cluster members and other market actors, and simultaneously, to ensure effective solutions for important healthcare issues (nursing, diagnostics, finance, prevention, adherence, etc.). The cluster provides automated recording-editing software to edit and complement visual materials with further information.

Knowledge base necessary for effective co-operation overlaps several areas, and as such it includes large system integrating companies, consultancy companies, module specific enterprises and knowledge centres. The cluster currently has 47 members, so joint projects and the successfulness of the cluster are supported by 43 SMEs, TEVA Hungary, Pannon University, University of Szeged and 1 research institute. Best performing member companies from business point of view were TEVA Hungary, Delta Informatika Zrt., HUMANSOFT Electronics, Albacomp RI Ltd and AQUIS Zrt., their joint revenue in 2011 was HUF 277 billion (roughly EUR 994 million). In 2011, total number of individuals employed by all cluster member companies was 3,758.

### Implemented joint projects:

- Prototype development of an accreditable water quality distant metering system, 2009
- Web-based broadcasting using IP cameras, 2009
- 'Dynplaza' – Framework system for serving GPS-based services - planning and implementation of the adjoining data analysis centre and service functions, 2010
- 'IntelliPort' – Scalable distant metering system for regional energy suppliers
- 'MobilGov' – a mobile e-administration system making possible full electronic administration of local governments, 2009
- New generation complex travel information and ticketing system developed in Hungary, 2011
- 'ICollWare' – Horizontal framework system assistance to the administration model of the work of forensic experts, development of a sample system in the area of medicinal forensics by the application of modern 3D modelling and data recording technologies, 2010

### Joint projects launched in 2012:

- Mobile Multimedia Based Knowledge Transfer (Hungarian acronym: MMATT). The aim of the project is the development of a system providing a mobile multimedia-based educational toolkit
- BEKUTA – Research of technologies enhancing therapeutic patient adherence, development and marketing of the necessary technical toolkit and service package
- Improvement of the Alliance Informatics and Innovation Cluster for further efficient cooperation of cluster members

### Further project plans:

1. Smart-Health healthcare
2. Smart-Sec security
3. Smart-Green environmental protection
4. Smart Sport sports informatics
5. Test system to be used in evaluation algorithms and drug tests, capnography tools
6. mGBL, mobile phone based learning
7. ONTEX, online education
8. VM3, MM knowledge transfer
9. Drug effect and drug application knowledge transfer system for physicians





**Cluster Manager:**

Manager:

Address:

Phone:

Email:

Web:

Alliance Klaszter Menedzsment Kft.

László Hencz, Mr

1035 Budapest Vihar utca 18., HUNGARY

+36 30/339-6082

[laszlo.hencz@alliance.hu](mailto:laszlo.hencz@alliance.hu)

[www.alliance.hu](http://www.alliance.hu)

