

IGEA

IGEA was established in 1990 in Varaždin, as a company specializing in the development and implementation of spatial information systems. Since 2007 the company has been a member of IN2 Group, one of the leading software groups in the SEE region with more than 500 employees. IGEA currently employs around 50 IT experts and engineers who have extensive experience in the development and implementation of IT solutions. Along with the application of GIS (Geographic Information Systems), which represents our major area of work, a special value of the company lies in the understanding of public administration and local government procedures, as well as specific problem domains (such as land registry and cadastre, justice system, property, spatial planning, etc.).

With continuous investment in growth and technological development, IGEA provides the following services and solutions:

- Development of complex information systems for state and local government
- Development of complex GIS solutions and integration with other systems
- Analysis, design, and development of geospatial databases and their use through the services
- Development of software solutions according to user requirements
- Maintenance, support and systems upgrade
- User education



Solutions

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| • Land Registry | • Management System |
| • e-Excerpt | • Crafts register |
| • Land Cadastre | • Real Estate Inventories |
| • Public display of cadastral data and reconstruction of Land Registry | • Geoportals and Web GIS solutions |
| • Court Case Collaboration and Document | • GIS Address Register |
| | • Environment protection |
| | • Precision Farming |

On the grounds of the years of experience in the implementation of IT solutions for government institutions, IGEA developed applications that fully automatize and support business processes in accordance with legislation and customer requirements. Currently, there are several information systems developed by IGEA in use in the Republic of Croatia: EOP – Land Registry, the Land Cadastre, Cadastral data communication and restoration of Land Registry book in the Republic of Croatia, JCMS systems misdemeanour courts, Crafts register, SGA address register, SGA Geoportal, National Geoportal (INSPIRE), ENVI portal, Biportal and Protected areas management system, SavaGIS, SavaHIS, GeoSTAT, AdriaFireGIS and many others.

Technology

Technologies commonly used in the development of business applications are .NET platform, Java and Ext JS. GIS systems are database agnostic, with implementations on Oracle, SQL Server and PostgreSQL platforms.

In the development of GIS applications and solutions, we mostly use proven Open Source tools and products since they offer the highest level of adaptability and development of custom made solutions. All GIS solutions are developed in accordance with OGC standards and based on OGC-compatible technology:

- Kosmo/Open JUMP framework za desktop GIS
- GeoServer
- GeoWebCache
- GeoNetwork
- OpenLayers i Leaflet

IGEA also has experience in using well-known commercial GIS tools (ESRI, Intergraph, AutoCAD Map 3D, MapInfo etc.).

In recent projects we promoted solutions which use all possible data from other sources through appropriate services (WMS, WFS, WMTS, etc.) along with the built-in data, thus emphasizing interoperability with other systems and institutions. Likewise, in accordance with the INSPIRE initiative, data is published for reuse through various services.

GIS applications are continuously improved and upgraded to keep up with current technologies, standards and trends. Some examples of this are: GIS and Business Intelligence (BI) integration, adoption of HTML5, support for latest OGC standards and INSPIRE regulations and many others.

Partnerships and Certificates

IGEA is a long time Oracle Platinum Partner and, since 2014, also a Microsoft Network Partner with one Silver Competency. In 2011, IGEA implemented the Information Security Management System ISO 27001 in the whole organization, and in 2014, it was one of the first companies in Croatia to be awarded the ISO 27001:2013 certification.



Employees

Skilled and motivated employees, as well as a good working environment are the basis for IGEA's success.

Key competencies of IGEA's employees are:

- Technological skills necessary for the implementation of complex information systems, electronic services and dynamic GIS systems
- Knowledge and skills required for the analysis of the business environment and design of complex information systems for business support
- Knowledge of regulations, structure and functioning of the state administration, regional and local government

IGEA constantly invests in the education of its employees who acquired numerous certificates such as PMI Project Management Professional, Oracle SQL, Oracle Certified Professional Java Programmer, MCS Certified Technology Specialist, MCS Certified IT Professional, MCS Certified Solutions Associate SQL Server, MCS C# Specialist, SpringSource Certified Professional and many others.

Major GIS references

- e-cadastre GIS portal SGA
- Geoportal SGA
- GIS solutions for public display of cadastral data and reconstruction of Land Registry
- Quality control of the cadastral plan SGA
- Central spatial database for Digital Cadastre Plan SGA
- Address register for the Republic of Croatia
- National Geoportal for the Republic of Croatia
- GIS portal and GIS spatial planning of Istria County
- Spatial road database for Croatian Motorways
- GIS database of road-rail crossings for Croatian Railways
- GIS database of National monuments in BIH
- GIS system for the notification of animal diseases and disease control for the Veterinary Office of BIH
- Geoportal of Kosovo
- Address registry of Kosovo
- Management of Spatial Cadastre Data of Kosovo
- GIS – BI for Clinical Hospital Centre Zagreb
- Forest Fire Adriatic Web GIS for Zadar County
- Interactive bicycle map for City of Koprivnica
- Bioportal – Nature geoportal for Croatian Environment and Nature Agency
- ENVI – Environment geoportal for Croatian Environment and Nature Agency
- Strategic noise maps for Croatian Environment and Nature Agency
- SavaGIS and SavaHIS for International Sava River Basin Commission
- GeoSTAT – Geostatistical portal for Croatian Bureau of Statistics

IN2 Group

Since 2007, IGEA has been a member of IN2 group. IN2 is one of the 10 leading software companies in Southeast Europe and the leading supplier of IT services for public and private sector in Croatia. Since its establishment in 1992 to today, IN2 group has established 12 subsidiaries in 6 countries in the region. With its projects and solutions, IN2 is present in Romania, Bulgaria and Albania. IN2 specializes in the development, implementation and support of its own software solutions and services and implementation of software applications developed by its partners.

The whole IN2 group offers a wide range of services which can be divided into several main areas:

- Vertical business IT solutions
- Software development
- Application integration
- Support for standard business processes (ERP, HR, EPM, BI)
- Technical and system support
- Solution for integrated security
- Solutions for business continuity

IN2 Group covers various segments of business, with the emphasis on the public sector, financial sector and insurance, health care, telecommunications services, wholesale and retail trade, industry and utility companies. Besides its own products in these segments, IN2 also offers solutions developed by its partners.

IN2 is Oracle's largest partner in Southeast Europe and the leading partner for Oracle applications. The company has been holding the Oracle Gold Partner status for years, as well as the Microsoft Network Partner status with 9 Silver and 1 Gold competency. Since 2003, IN2 has implemented the ISO 9001:2000 Quality Management system, which is regularly renewed. At the end of 2011, IN2 was awarded the ISO 27001 certification for the Information Security Management System.

