Cognitum Company Profile

Cognitum is an innovative, technological company that delivers high-end IT services in the area of **Software Development**, **Cloud Computing** & **Big Data** solutions as well as **Knowledge Management** tools and **Semantic Technologies**. We help organizations retain, manage and leverage their information assets, even unstructured and legacy with tailored software solutions and our flagship platform – **Ontorion™ Information Management System**.

We build our strong competences within several technological areas:

- Cloud Solutions and tailored Business Applications
- Big Data processing and analysis
- Knowledge Management and Semantic Web
- Ontology Engineering
- Heterogeneous Data Acquisition & Analysis
- Formal Systems
- Cloud Computing and Cloud Testing

Cognitum seeks its competitive advantage with constant innovation through own investment in **R&D activities** and cooperation with major research institutions. We are present on **several vertical markets** (industry, telco, health, government, legal services, e-commerce) and deliver services to customers from **many countries** around the world directly and with our **global partners**.

Our **mission** is to deliver high-end, scalable and future-ready solutions for data acquisition, storage, searching and processing. No matter how big or complex they are.

PRODUCTS

Fluent Editor™ is an award-winning, comprehensive tool for editing and manipulating complex ontologies with Natural Language (OCNL™). It allows much simpler way to create and manipulate ontologies (semantic data models), enabling Semantic Web technologies to wide group of users and engineers. Fluent Editor provides more suitable for human users alternative to XML-based OWL editors. It allows importing from various legacy sources, managing multiple documents, integration with other systems and is compatible with W3C Semantic Web standards (OWL2, RDF, SWRL). Fluent Editor is rich of End User supporting tools to make ontology editing easier and more streamlined.

Ontorion™ - Distributed Information Management System with OWL, RDF, embedded Natural Language interfaces (OCNL™) and built-in active rules engine. Ontorion is a system for an intelligent management and processing large amounts of data with semantics and natural language. It allows effectively and quickly manage information and search in a very complex and rapidly changing data sets from various sources. Ontorion is compatible with W3C Semantic Web standards (OWL2, RDF, SWRL, SPARQL). It can be deployed in the Cloud or On-premise infrastructure and can be easily scaled with a cluster. It comes with rich toolset and .NET Software Development Kit for fast building custom semantic applications (Desktop, Web, Mobile, etc). It supports Windows Server with IIS and Linux.

Ontorion™ Analytics Cluster and **Text-Mining Toolset** as a very powerful and scalable solution that recognize and extract relevant items of information hidden in plain text or reports. It completely changes access to unstructured data and boosts the efficiency and scalability of all processes involving the management, distribution, access and analysis of large amounts of textual content. With this toolset user can manage free-text taxonomies in Microsoft Excel and export them to the semantic high-performance server. Server side components allows to collect data directly from Internet (social-media, webpages, blogs, etc.) and other text-free unstructured sources.

IT SERVICES

Cognitum delivers high-end software development services and supports customers with the implementation of semantic content enrichment and knowledge discovery projects. Our Software Development services support all stages of the application life cycle from requirements through design, test and implementation. Your organization will benefit from a robust set of methodologies, frameworks, industry accelerators and software assets to deliver high quality custom applications.

Cognitum partners with global technology vendors and has strong competences within several technological areas:

- Cloud Solutions and tailored Business Applications
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- .NET, WPF, WCF, ASP.NET
- C#, F#, C++, Java
- Windows Azure
- HDInsight
- Apache Cassandra, DSE
- Hadoop, Solr
- SQL, noSQL

Deep industry and technology expertise delivers innovative business solutions to address the key goals of your organization. We are experienced in providing corporate-class service that aligns with demanding business processes.

TRAININGS & CONSULTING

Cognitum provides consulting and trainings in our areas of expertise:

- Ontology engineering and semantic knowledge management (introductory and expert)
- Semantic Web Technology (introductory and expert)
- Big Data challenges (introductory and expert for Apache Cassandra, Windows Azure, Hadoop, HDInsight, Solr)

As an **official partner of DataStax** in Poland we offer:

- Big Data and **Apache Cassandra™** trainings.
- Certified courses for developers and database administrators of Apache Cassandra™.

We offer variety of training formats: certified courses, onsite and offsite trainings, workshops and online and onsite consulting.

![Cognitum]

EXPERIENCE

Cognitum was established in 2010. Our innovative solutions and services have attracted the business of leading organizations such as: **Oncology Center – Institute in Warsaw** (diagnostics and medical reports), **Polish Agency for Enterprise Development** (analysis and monitoring of Internet data), **The Office of Chief Sanitary Inspector**, and a number of companies in various industries from countries such as **Switzerland, Liechtenstein, Germany, USA, UK, Russia**.

Cognitum is a partner of **DataStax Inc. (USA),** one of the major players in the Big Data, a provider of distributed database Cassandra and enterprise-class systems. Company supports development of open source components and is an integrator of solutions with DataStax Enterprise.

Cognitum is a partner of **Microsoft Corporation** (Azure Circle Partner Program) with extensive experience in cloud computing Azure. NET, Sharepoint, HDInsight and access to specialized databases and training materials.

Company is a member of **Mazovia ICT Cluster** and **The Polish-Swiss Chamber of Commerce**.

One of the company shareholders belongs to **Giza Venture Capital Group** (Giza Polish Ventures).

TEAM

Cognitum Team consists of highly skilled professionals in various IT fields. We have direct access to brilliant polish engineers. Among our employees there are software developers, QA engineers, computer scientists, physicists. We run internships for researchers, we constantly cooperate with universities and research community. We employ full time several PhD graduates.

Cognitum actively cooperates with many Universities, such as the University of Warsaw, Warsaw University of Technology, Gdansk University of Technology, National Defense Academy. Cognitum actively participates in IT community, leading seminars, delivering trainings for professionals and lectures for students.

AWARDS

2013 – Cognitum in the Top Innovative companies at **IBM Smart Camp.** Warsaw, Poland
2013 – **Ontorion Server** most innovative **"Business Application"** in the Windows Azure contest. Warsaw, Poland.
2013 - **"The Best Paper Award"** for the article "*Semantic Representation Rules in Controlled Natural Language in Fluent Editor*" at the conference HSI - Human System Interaction Conference. Sopot, Poland.
2012 – **"Innovator of Mazovia"** award by Mr. Marshal of Mazovian region. Warsaw, Poland.
2011 – **3rd Prize** for the cloud application in the international Azure contest by **Microsoft**. Warsaw, Poland.

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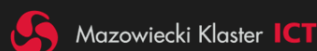
Our Partners

Windows Azure	**DATASTAX**	**Mazowiecki Klaster ICT**	UNIVERSITAS VARSOVIENSIS
Azure Circle Partner Company	DataStax Partner noSQL solutions	Mazovian ICT Cluster Member Partner	Warsaw University Joint Laboratory

GIZA POLISH VENTURES

Giza Venture Capital Group

Cognitum

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Cognitum is committed to developing practices and products that help protect the environment.