intersoft

experienceknowledgeinnovation

Quality service
is our business

Vision

To provide best quality software solutions for a wide range of businesses utilizing modern information and communication technologies.

InterSoft, a. s. is a software company operating since 2001. The company is a spin-off of the R&D project funded by the EU within the 4th Framework Programme. The company was founded with intention to build on international experience of Finish and Slovak partners in software development, to exploit their international business contacts and capitalize the competitive advantages resulting from this partnership.

Today, our main areas of activities are software development projects for Retail and Hospitality sector, especially Point-of-Sales Systems and Customer Loyalty systems. We are also active in the knowledge management area, and development of e-government solutions. The company works on IT development projects for large international companies, especially in Europe and the USA.

Mission

"Based on expertise, know-how and knowledge, InterSoft, a. s. provides IT solutions in an innovative, flexible environment, providing value, quality and availability."

Our success in creating and maintaining strong client relationships is the result of our commitment to quality workmanship at highly competitive rates. Our strategy is to stick to this trend in order to serve the growing needs of our clients over time.

Put more knowledge
into your IT solutions

Knowledge Management

Our **KnowIT!** knowledge management solution supports decision-making processes, management and archiving of multimedia documents, knowledge retrieval from heterogeneous information sources and intelligent data search by considering contextual dependences. A variety of artificial intelligence techniques are used, for example conceptual representation, heuristics, planning and scheduling algorithms, and techniques of natural language processing.

- Is your organization knowledge-intensive, are you heavily dependent on the access to information and knowledge at the right place and time?
- Are you drowning in a huge amount of information?
- Has your employee left your company and all his/her know-how passed away?
- Do you think that document flow in your organization is still not optimal?

Outsourcing

Are you looking for a strategic business partner? Are you thinking of outsourcing your IT business? We provide several services for various business branches in the IT area. Members of our development teams possess extensive knowledge and long-term professional experience in software technologies. We have participated in several international EU funded R&D projects, e.g. in the area of knowledge management, e-Government and e-Democracy. Our developers are able to work towards deadlines, have project management skills and experiences in working in international teams. We are committed to providing tailored software solutions at affordable prices.

Smart tools and applications
for your business

intersoft

Networked Enterprises

We offer a solution enabling to establish and maintain short-term project-oriented business alliances. Based on the **SPIKE platform**, produced as outcome of the European FP7 project (www.spike-project.eu), we provide services for flexible and secure business collaboration, namely for outsourcing of parts of the defined value chain to business partners.

Based on the employed Enterprise Service Bus technology, the **SPIKE** framework ensures the interoperability and integration between collaborating organisations of all sizes. It enables a secure access to internal information resources and services of involved alliance partners, while the service invocation is handled by dynamically created and pre-defined business processes and workflows. The solution is specifically focused on security and trust during the communication and information exchange within a business alliance.

e-Government systems

In this area we provide a suite of tools enabling service composition, collaborative content management, knowledge sharing, and decision support in various phases of governmental processes. Our e-Government toolkit includes:

- **Access-eGov** – a software platform, built upon the P2P service-oriented architecture and WSMO-based knowledge representation structures, enabling a seamless integration of governmental services according to particular life situations of citizens.
- **OCOPOMO** – an e-Governance toolkit enabling collaborative development of formal policy models, based on narrative scenarios, agent-based modelling and social simulations.

These solutions have been developed as outcomes of European R&D projects, on which InterSoft, a. s. participated. Consequently, the tools have been tested on reference pilot applications all around Europe. All the provided solutions are highly customizable and can be employed for public service providers on local, regional and national levels, but also for non-profit or even business organizations as, for example, customer relationship management systems.

Point-of-Sales Systems

We provide analytical and development projects for the Retail and Hospitality sector, especially POS systems and Customer Loyalty systems under our business partner the Oy Winpos Ab company, which has 20 years experience in POS systems in the Northern Europe. **Winpos** POS products are used especially in specialty stores, kiosks, fast-food restaurants and public sector, with sophisticated information systems. We offer new technical solutions, which are suited for single stores, restaurants and chains of stores. **Winpos** POS includes a complete assortment of products, which are suitable from the smallest kiosks up to multinational chains of stores.

Internet of Things

Our solutions in this highly innovative domain are built on the **LinkSmart** middleware, which is an open source IoT-enabling platform (http://sourceforge.net/projects/linksmart/). We provide custom applications for monitoring, control, and maintenance of various types of business environments, including production lines, manufacturing, home automation, food traceability, etc. For these solutions, the **LinkSmart**-based IoT system is typically constructed as a P2P network of sensors, devices, and information resources, where inner business logic is maintained by the middleware providing smart events processing, context awareness facilities, semantic reasoning, service composition, orchestration, and invocation based on dynamically created or pre-defined process models.

Smart Office

We provide the **Smart Office** solution, which optimizes the energy consumption in an office and flexibly adapts an overall office environment to customizable preferences. A set of sensors is applied for continuous monitoring of both the work environment and behaviour of employees, while the user experience is evaluated and used as a feedback for application adjustments.

Our **Smart Office** system is built upon progressive and advanced technologies of IoT, semantic business rules and processes, smart sensors, and namely the user experience model enabling to capture the experience of office employees evaluate it in knowledge, social, and business dimensions.

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- Services and references from customers

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InterSoft, a. s. wants all its customers
to enjoy benefits of its approach and care,
as if they were located next door.

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