



# Neosystems Development LLC

Software development services  
RUSSIA, Karelia, Petrozavodsk

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## Company profile

The main objective of Neosystems Development is to provide companies all over the world with perfect ICT-technologies raising their effectiveness and competitive capacity.

Neosystems Development is located in Petrozavodsk (Karelia, Russia) and is one of the largest and the most experienced IT-companies in the region.

### **Full set of ICT-services from business consulting to automation of management:**

- Creating the ICT-infrastructure (building corporate information systems)
- Antivirus systems
- Software development
- Web development
- Consulting, training
- Software license delivery

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## Statutes

- The largest partner of 1C (Russia's biggest business software vendor) in the North-West of Russia. Center of competency in forestry.
  - Deploying standard solutions, tailoring solutions, developing custom solutions on 1C platform
- The largest partner of Microsoft in the North-West of Russia.
  - Microsoft Gold Certified Partner, active competencies: Custom Development Solutions, Networking Infrastructure Solutions, Information Worker Solutions, Data Management Solutions
- The largest partner of ESET (NOD32 antivirus vendor) in the North-West of Russia.
- Company's quality management system certified for ISO 9001:2008
- Approx. 70 employees (50 - technical specialists, 20 - sales staff, management personnel)

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# Customers in Europe



Better Globe (Norway)

ARCUSYS

Arcusys Oy (Finland)

Reference contacts: Jussi Hurskainen, Mika Kuikka



Resultat Partner (Norway)



Facilis Oy (Finland)

Reference contacts: Mika Eerola, Lauri Ruhala

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# Customers in Russia

**We have over 1000 customers in Russia. Several customers from Forest industry:**

- Pulp and paper mills
  - Segezha PPM
  - Kongopoga PPM
  - Sokolskii PPM
  - Vyborg PPM
  - Syaskii PPM
- Sawmills
  - Segezha Cutting and Sawmill
  - Karelia DSP (a chipboard factory)
  - Swedwood (production unit of IKEA)
  - Medvezhyegorskii Cutting and Sawmill
  - Ilyinskii Cutting and Sawmill factory

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# Technology map

## **.NET Platform**

- Visual Studio 2010 Premium
- WPF
- WCF
- ASP.NET MVC
- ASP.NET AJAX
- Windows Forms
- Silverlight
- Team development support – Team Foundation Server
- MS SQL Server 2008

## **Java**

- Java 1.5, 1.6
- JSP
- Liferay portal (installation, configuring, administration)
- Portlet development
- Struts 2.0 (web development framework)
- Vaadin Framework (facilitates RIA developing)
- Hibernate (provides DBMS-independent data access layer)

## Key competitive advantages

- Solid experience in various IT projects in Russia
- Experience in projects for European customers
- Low labor costs
- Convenient geographical position (300 km. to Finland)
- Easy communication – strong English
- Specialists are certified
  - Microsoft: 1 MCTS, 1 MCP, 70-536, 70-502, 70-515, 70-503
- Specialists are M.Sc or PhD in applied mathematics and computer science(Petrozavodsk State University)
- Company's quality management system is certified for ISO 9001:2008
- Microsoft Gold Certified Partner

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## Our offer

We offer our services in developing software solutions based on the Microsoft set of technologies:

- Project management - 19 euro/hour
- Architecting - 19 euro/hour
- Implementing - 19 euro/hour
- Testing - 19 euro/hour
- Helpdesk (support) - 19 euro/hour

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# Neosystems Development

## Case studies



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# Improve Training Systems

Measurement and analysis of qualities, skills and achievements of employees and applicants

- **Interface:** web
- **Features:**
  - Three-level architecture (PL, BLL, DBL);
  - Business-logic split into web-services (BLL) and stored procedures (DBL);
  - Secure connection between PL and BLL based on Windows certificates;
  - Visual representation of data using diagrams, gauges and trends.
- **Time frame:** ~7 months
- **Technologies used:** ASP.NET 3.5, ASP.NET AJAX, SQL Server 2005, ASP.NET MVC, WCF



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# Video Device Multiviewer

## Video device control system

- **Interface:** web
- **Features:**
  - controlling several video sources (cameras) and stream video viewing.
- **Time frame:** 1 month
- **Technologies used:** ASP.NET 3.5, 3d party DB in MS Access format

# Dictation system

Optimizing medical staff schedule, facilitating the employment of the blind

- **Interface:** desktop
- **Features:**
  - Service-oriented architecture (with WCF);
  - Serving 3rd party Java-based application;
  - Deployed in a number of clinics making up single environment;
  - Separate authorization layer covering isolated clinic domains to provide single unified authorization process;
  - Controlling different kinds of dictating machines;
  - Integration with transcription kits to playback the dictations and record their text (transcribe it) for server storage.
- **Time frame:** 6 months
- **Technologies used:** WPF, WCF, SQL Server 2005



## Microsoft Outlook add-in

- **Features:**

- Joining MS Outlook Calendar with 3d party Java-based scheduling system;
- Extends MS Outlook Calendar Appointment with additional fields to match the external data structure;
- Periodic data exchange through web services.

- **Time frame:** 2 months

- **Technologies used:** MS Outlook 2003/2007, Visual Studio Tools for Office 2005 SE

# Better Globe (Development and Support)

- **Interface:** web
- **Features:**
  - Register and provide info about charity activities of people involved in project;
  - Making payments (condition of participating in project) using credit cards;
  - Arrangement of the outdoor activities within the project;
  - Monitoring of participants and their activities within the project;
  - Audience: Participants of the project are all over the world. 150 000 ppl. Expandable up to 1 000 000 users.
- **Time frame:** 2 years
- **Technologies used:** ASP.NET 2.0/3.5/MVC, SQL Server 200/2005



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## Automated system for optimizing and stimulating inventive and rationalization activity

- **Interface:** web
- **Features:**
  - Large, complex and unified workflow;
  - User role-dependent interface;
  - Analytics and statistics;
  - Economic effect calculation;
  - Reporting;
  - Forecasting and planning;
  - CMS;
  - Forum, news, personal pages;
  - Audience: about 10,000 users.
- **Time frame:** over 2 years (in progress)
- **Technologies used:** ASP.NET 3.5, ASP.NET MVC, SQL Server 2005

## Digital photo exhibition photo upload system

- **Interface:** web

- **Features:**

- The purpose of the system is to make participating in the exhibitions easier: participating happens primarily through this system;
- User role-dependent interface;
- Upload system and judging system;
- Making payments (participation fee calculation);
- A catalogue of the pictures for visitors;
- The report data ;
- Audience: participants of the system are all over the world.

- **Time frame:** 2 months

- **Technologies used:** .Net 3.5, ASP.NET MVC, MS SQL 2008





## Contacts

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