



# Neosystems Development LLC

Software development services  
RUSSIA, Karelia, Petrozavodsk

## 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

## 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)

# 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

## 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

# 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

## 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



# Neosystems Development

## Case studies

# 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

# 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

## 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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