

Scand Ltd.

Innovations behind your success

Software development in Minsk, Belarus
15+ years in IT, 300+ projects, 250+ engineers



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Company Profile

Key Data

Name: Scand
Type: Privately held
Industry: IT services,
software development outsourcing
Year of Foundation: 2000
Number of Employees (2016): ... 250+

Services: Custom software development
Design, redesign, support, integration
and maintenance of custom software
Software testing
Information technology consulting
Writing technical documentation
Custom web-design and original artwork

Location: Minsk, Belarus
Website: www.scand.com
Contact Information: Tel/Fax: +375 (17) 256-07-76
E-Mail: info@scand.com, marketing@scand.com
Also find us on: Facebook, Twitter,
LinkedIn, Google+



Why Scand?



Success Story

Our differentiators are successfully developed products and solutions with complex functionality in the area of Web-based applications. Our products are used by NASA, IBM, Cisco, FedEx, Bank of America, Dresdner Bank, Reuters, Yahoo!, Siemens, Merrill Lynch and many other famous companies.

During our 15 years in IT we have successfully completed over 300 projects. We have earned a reputation for delivering top quality solutions on time and within budget, resulting in long-term customer relationships. Since its establishment in 2000 Scand has constantly grown and expanded. Today our staff comprises over 250 proficient engineers.

Price and Quality Equilibrium

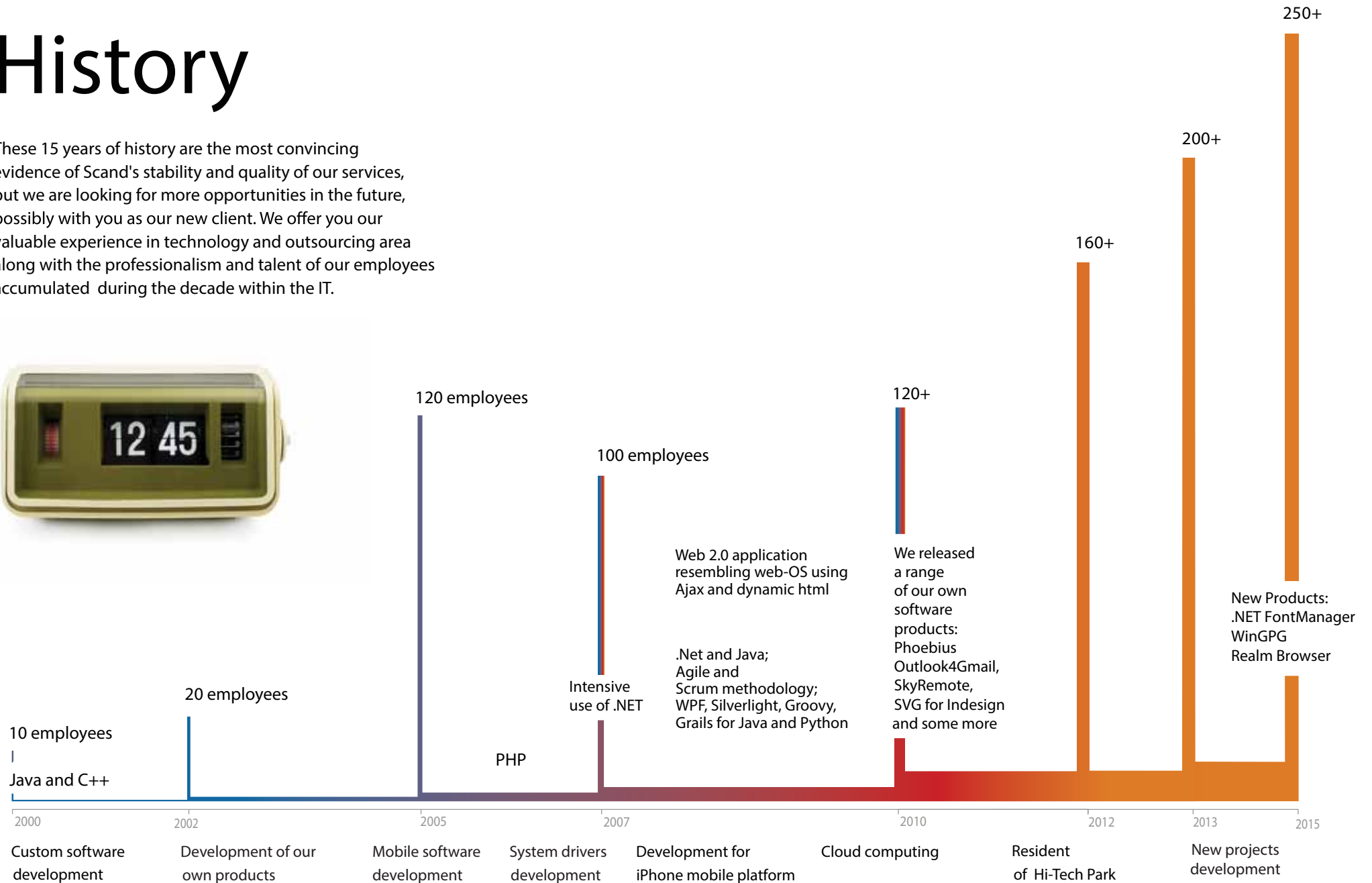
We offer high-quality and cost-effective software development services. Delivering offshore software development services recognized by the best quality, timeliness and creativity at prices considerably lower than those onshore or nearshore, we help our clients to extremely reduce the costs of IT-development.

Easy Communication and Convenient Time Zone

We are easy to communicate with: all our specialists have good command of written and spoken English. Another benefit is our time zone which is very close to European time and convenient to work with for American companies.

History

These 15 years of history are the most convincing evidence of Scand's stability and quality of our services, but we are looking for more opportunities in the future, possibly with you as our new client. We offer you our valuable experience in technology and outsourcing area along with the professionalism and talent of our employees accumulated during the decade within the IT.



Services

Custom software development

We comply with the latest development and technology standards, apply cutting edge software engineering methodologies and integration procedures adjusted to every specific case.

Design, redesign, support, integration and maintenance of custom software

We are ready to go an extra mile to be always at hand when support, maintenance or our creative activity to perform design or redesign is required.

Software testing

We provide our customers with the important information about the quality of their software or our product that is planned to be used for their purposes. Our usage of advanced testing procedures ensures software positive performance.

Information technology consulting

To make offshore software development efficient and reduce the related costs our customers often request process and technology consulting that prove to be of considerable use to them while building a productive model of software development outsource.

Writing technical documentation

We also offer compiling technical documentation for the software we develop. Software documentation serves as a detailed explanation of the application functions.

Custom web-design and original artwork

Supplying our clients with custom web design services we help them individualize their business and make it stand out of the crowd.



Scand predominantly specializes in developing software based on Java, .NET, PHP, C++, Ruby on Rails, Groovy on Grails technologies and mobile development. However, we have accumulated experience in a wide range of other technologies like Perl, driver development, Python.

While working on the projects we get in close touch with the corresponding professional sphere and scrutinize its every aspect specific for the software under development. That is why, Scand possesses deep knowledge and broad practical experience in such industries as printing, eCommerce, product life cycle management (PLM), postal services, banking sector, etc.

We welcome every opportunity to be helpful to our customers in everything regarding software development. Working with every single client we apply the latest development standards and innovative technologies and offer various methods of work. Sure, we'll be able to work out the model suitable for you!

Core Competencies

Scand provides software development outsourcing services. During our more than 15 years of being in operation we have been involved in projects dealing with many areas of IT, however, the best results achieved by us lie within the following spheres:

Web application development

Since 2000 we have used Java, PHP, ASP, and now we also utilize .NET, Python, Ruby to implement server-side functionality and have been working really keen with such technologies as LAMP, Ajax, J2EE, Spring, Struts, Hibernate, WPF, Symfony, Grails, RoR, jQuery, ExtJS, etc.

Custom software development for Windows, Mac OS and Unix

In this sphere we have managed to aggregate knowledge and experience at practically all levels – from low-level software development (for example drivers for Windows and Linux) to developing user interfaces with .NET, Objective C, Qt.

Database design, development and management

We have gained an extraordinarily rich experience working with such well-known databases as MySQL, Oracle, MS SQL Server, Postgresql, MS Access. We have lately worked a lot also with the so-called NoSQL engines like MongoDB, CouchDB.

Mobile software development

Our specialists have developed dozens of applications for iPhone, Android, Windows Mobile, Symbian, Windows Phone 7, BlackBerry and we are continuously expanding our client list in this field.



Experience

Technologies and Programming Languages

Java

- JDK, J2SE, J2ME, JavaFX, Groovy, AWT, Swing, Applets, Java Beans, JNDI, JCE, JavaMail, JMF, JAXP, JiBX, OC4J, JNI, RMI
- Spring (all modules)
- Struts 1 and 2, JSF, SpringMVC, Grails, Cocoon, Velocity, Tapestry, JSTL, JoSSO, Axis 1.x, Axis 2.x
- ORM: JPA, Hibernate, TopLink, JDO, GORM
- JMS, JMX, JTA, JAAS, JDBC, JCO
- Servlets, JSP, J2EE, JavaEE5, EJB
- Adapters, Connectors, JCA, Neco/XHTML
- JavaCC, SableCC
- Java WebStart
- XSLT/XSL-FO
- Ant, Maven, xUnit, CruiseControl, Continuum, Bamboo, Lucene, Solr, Jenkins/Hudson

XML

- XML / XSL / XSLT, DOM, SAX, XSL-FO, SVG, FOP, Batik, Saxon

Web and LAMP

- PHP (including PEAR, Propel, Symfony, Yii frameworks)
- JavaScript and DHTML, CSS 1-3 and CSS selectors, AJAX
- Python, Perl, shell, awk, sed, tcl/tk, AJAX (including prototype.js, dojo, ExtJS, jQuery, YUI, mootools and original frameworks),
- REST, Cold Fusion
- WebDAV, SSL, HTTPS, TLS, OpenSSL,
- Adobe Flash / Flex / AIR
- Apache modules, CGI, fastCGI

.NET

- .NET Framework (1.0–4.5)
- NET Compact Framework
- ASP.NET, C#.NET, VB.NET, ADO.NET, Entity, MVC
- LINQ, Azure, WPF, SilverLight
- Windows Forms, C# and J#, XML and Web services
- ASP VBScript and JScript, CGI
- Infragistics NetAdvantage
- Microsoft Sharepoint
- BizTalk 2003+
- Azure

Desktops and C++

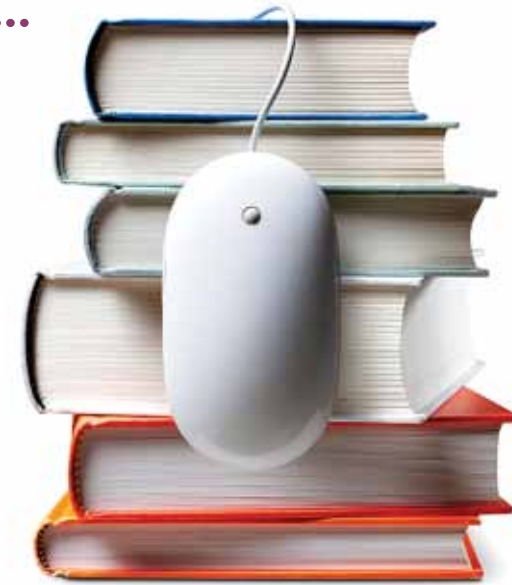
- UNIX: Linux, FreeBSD, Solaris, Reliant UNIX, AIX
- IBM: OS390, AS400
- Mac OS X
- C/C++
- Visual Basic / VBScript / VBA
- COBOL, RPG, Prolog and FORTRAN
- YACC / LEX
- Encryption: RSA, MD5/SHA, Blowfish/Twofish, IDEA, RC2/RC4, GOST, elliptic curves, etc.;

CORBA / DCOM / SOAP

- LDAP
- Driver development for Linux, Solaris, Windows (NT 4–Windows 2008)

Mobile devices

- iOS, Android, Windows Phone 7, Symbian, BlackBerry, Pocket PC
- Driver development for
- Windows CE / Windows Mobile
- Mobile versions of sites



ERP/CRM, Integration and Databases

Cloud computing

- Amazon EC2 Cloud, RackSpace, Amazon S3, Cloud Front
- Computational and HA clusters, Map/Reduce clusters
- Tomcat clusters and session replication
- MySQL Master-Slave and Master-Master replication
- Oracle Real Application Clusters
- WebSphere clusters
- WebLogic clusters
- JBoss clusters

Databases

- PL/SQL, T-SQL, SQL, ODBC / JDBC, ADO, BDE, DAO, OCI, PL/SQL, OLAP, ETL, BI, Data integration
- ORM – Object-Relational Mapping, Oracle 6, 7, 8, 9i, 10g
- IBM DB/2 7.1+
- MS SQL Server (6, 7, 2000, 2005, 2008, 2012)
- Informix 7
- Sybase
- Interbase, Paradox, xBase
- MySQL (4.x, 5.x)
- PostgreSQL (7.x, 8.x)
- Mongo DB

CMS

- Drupal
- Joomla
- WordPress

Application /Web Servers

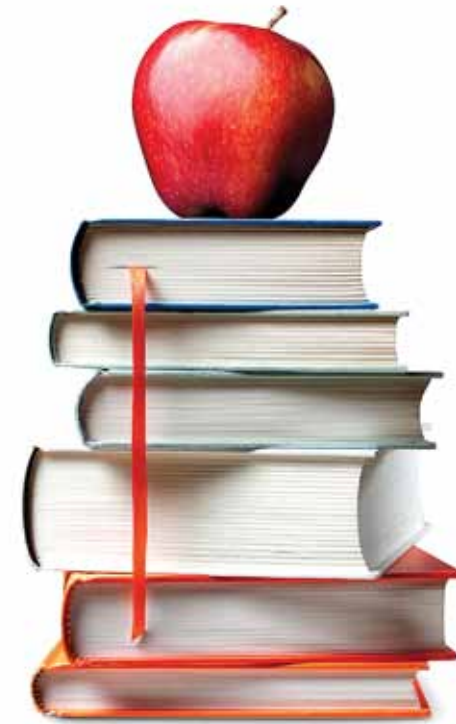
- Apache and modules
- MS Internet Information Server
- Resin
- nginx
- Lotus Domino (from version 5.0.1)
- Macromedia ColdFusion
- Microsoft MTS
- BM WebSphere and MQSeries
- Oracle Application Server
- Interprise Application Server
- Reuters Triarch
- BEA WebLogic
- JBoss
- JOnAS
- Apache Tomcat
- Jetty
- GlassFish

ERP systems

- SAP R/3
- CICS
- ESSBASE
- MS GreatPlains and MS Navision
- IBM IMS (including z/OS)

e-Commerce

- Interchange
- oscommerce
- Intershop
- MIVA Merchant
- MS e-Commerce Server
- CyberCash CashRegister
- Magento



Methodologies and Mathematics

Methodologies

- Rapid Application Development
- Agile (Scrum, Extreme Programming, Retrospection, Continuous Integration, Test Driven Development)
- Object-oriented Programming, Architecture, Design and Aspects
- Rational Unified Process
- Microsoft Solutions Framework
- Oracle CASE*Method
- Fusebox
- EMF, UML, 4GL

Mathematical algorithms

- Neural Networks, image recognition, cluster analysis
- Computer Adaptive Testing (CAT), Computer Based Training (CBT)
- Text and Speech Recognition
- Mathematical Modelling

Industry Focuses

Main Industry Focuses

We have developed and implemented successful solutions for an extended range of industries including:

- Electric power engineering
- Advertising and publishing
- Finance and banking
- Postal services
- Architecture
- Printing industry
- Commerce
- Healthcare
- Manufacturing
- Digital advertising
- E-commerce

We also develop custom software for businesses involved in numerous industries:

- energy carrier production and consumption. Such solutions are directed at both manufacturers and consumers of energy carriers;
- architecture and construction;
- publishing;
- providing information safety and secure banking services access;
- advertising;
- postal services;
- production efficiency control;
- production management as concerns product life cycle management (OPI project is an innovation web platform for PLM system creation, EQM (product quality management) and GSM (delivery management) modules).



Customer Geography

Despite of the fact that our customers are located globally - in Germany, Sweden, Norway, Finland, the USA, Luxemburg, Switzerland, the Netherlands, Japan, Latvia, the Russian Federation - we are able to maintain flawless communication and keep in touch during the negotiation, development and support stages.

We focus on individual approach to each customer within the framework of every single project, taking all possible endeavors to ensure successful solution development.

To start working with us is easy - just send us an e-mail describing your requirements to the software product you need.

People

People are Scand's greatest value and asset. Our major concern is our customers' and our employees' success.

At Scand we put a strong emphasis on personal and professional progress.

Our staff members are provided with top quality work environment, challenging yet amicable and encouraging atmosphere and the best opportunities to advance in theoretical knowledge and hands-on experience.

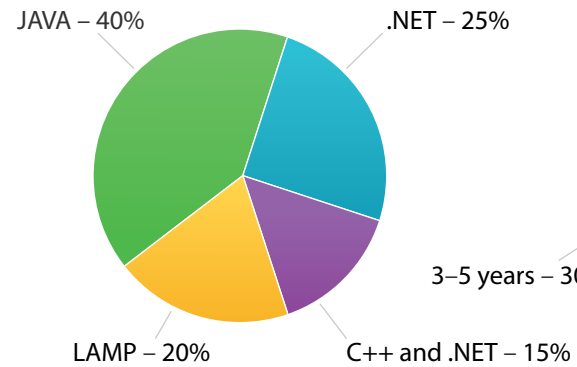
Training sessions for new employees, regular refresher programs for the experienced personnel and continual English language upgrade are always available. We are happy to help our people cultivate their manifold talent through continuing professional training in software development technologies, methodologies, project management and other spheres.

Intelligence and Talent

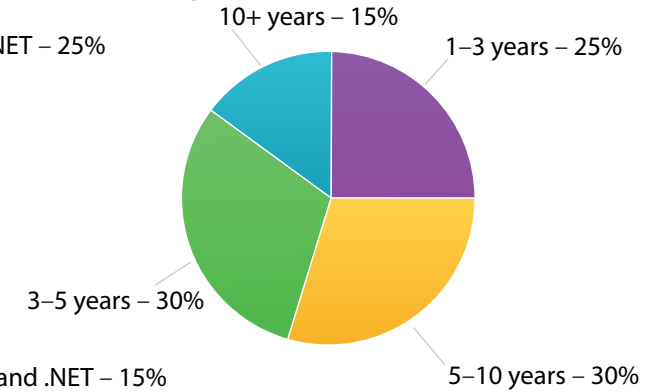
Scand's location in Minsk being the home for the best Belarusian universities and the place inhabited by superior IT companies and brilliant specialists is the reason for high concentration of software development intelligence and talent which is close to the maximum allowable.

We welcome and strongly support the desire of our selected experts to learn and grow both personally and professionally.

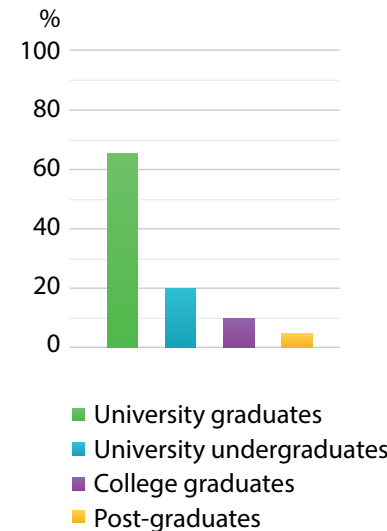
1. Core Competence



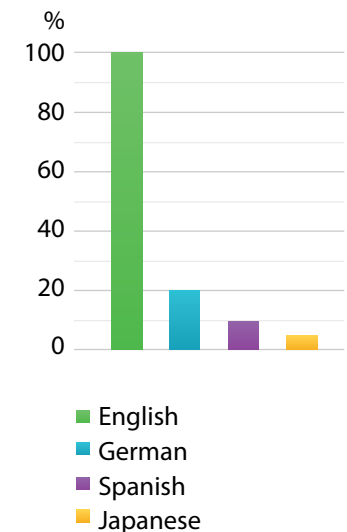
2. Experience



3. Education



4. Foreign Language Competence



How to Start



Frequently Asked Questions

How to start?

Just send us an email with any questions that might be interesting or not clear to you. Or, if everything is clear and you wish to work with us, please send us a short description of your needs (probably a concept or specification of your project); a time plan required, if any; or the number of people you want to work for you and their required skills.

We will analyze your request and answer you ASAP and send you *our proposal* and a *time and costs estimation* on completion of the job as well as resumes of our recommended employees.

Also, we will offer you to create a *free initial prototype* of your project. If you like it, we will continue working together and charge you for the following tasks only. Your feedback is always welcome!

I am interested in establishing a partnership with Scand.

Is it possible?

We have established relationships with several companies reselling our services onshore. By employing just a few software engineers, small companies are able to obtain and to develop large projects by reselling our services. Charging normal or lower onshore price and outsourcing some jobs to us, you can achieve *huge competitive advantage* and benefit using price difference.

Where is Belarus located? What city are you in?

Belarus is located in Eastern Europe, between Poland and Russia. Its population amounts to 10 million. Our office is located in downtown Minsk, the capital of Belarus.

Communication

When a company needs to outsource some of its tasks to another company, probably the most important and critical factor of success for this process is how well communication between these two companies is organized. Most books about organizing outsourcing processes place emphasis on the quality of communication as the key to success.

To avoid a bundle of problems we do our utmost to keep tight communication with our customers during the entire development period.

Achieving a decent level of communication in the Internet age is incredibly easy and the variety of communication methods is impressive:

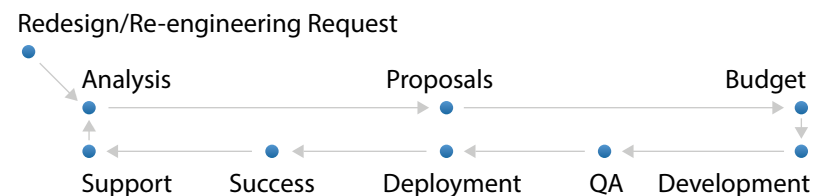
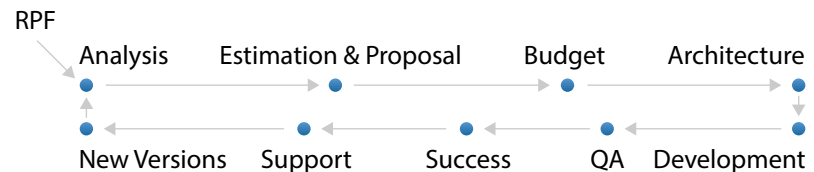
- E-mail and post (serves for more or less formal messages or document exchange);
- Instant Messengers (Skype);
- Project Management Systems (JIRA, dotProject, etc.);
- Versioning Systems (Subversion, git, Mercurial, even CVS - whatever you like);
- Bug Tracking Systems (Bugzilla, etc.);
- Reporting Systems (for keeping track on what's going on and for billing purposes);
- Regular phone/Skype calls and visits.

We normally use a visiting scheme where both the customer and our engineers meet each other several times during the project life cycle.

Workflow

The variety of projects has brought about a wide range of engagement models, working schemes and types of workflow. At Scand we provide each project with individual workflow – everything works in the way most convenient to you. We are flexible and have enough experience to implement almost any kind of workflow preferred by the client.

Examples of workflow schemes



Methodologies

We endeavor to apply fundamental yet personalized approach to every customer and their project. For example, we use a long-reputable Waterfall method of software development as well as cutting-edge Agile, Scrum and Kanban methodologies.

Waterfall development method is ideal for projects with clear task formalization and fixed scope of work, i.e. for small and medium-size projects. Waterfall methodology comprises the following steps:

- working out system requirements, drawing up and approving the specification;
- design and prototyping;
- development;
- delivery;
- support.

Agile, Scrum, Kanban, etc. methodologies have their own distinctive features:

- speeding up software system commissioning;
- minimizing development iteration cycles;
- reduced periods of feedback between market/user requirements and functions implementation;
- iteration-based approach and adaptive production methods;
- retrospective procedures allow to fix defects promptly and enhance productivity and quality.

Location

We are located in Belarus, a country in the heart of Europe bordering on Russia, the Ukraine, Lithuania, Latvia and Poland. A former post-soviet Republic, Belarus established its independence in 1991 and over its two decades of sovereignty has managed to preserve its most prominent production and technological infrastructure, educational establishments and highly-qualified specialists and enhance its international presence through economic development. Today Belarus is a stable economy showing gradual yet steady growth.

Belarus is a perfect option for software development outsource for several reasons: first, high educational level and prominent academic and technological basis have been inherited from the USSR where Belarus was a major research and development centre; secondly, educational continuity and comparatively low IT brain drain to other countries, which allows to conduct successful offshore software development in Belarus; finally, salary rates are considerably lower than those in Europe.

Scand Ltd. is located in Minsk, the capital and high-tech core of Belarus. Minsk has long been a top-notch industrial and best technologically and economically developed city in Belarus. It is the host site for supreme Belarusian universities, including BSUIR – the leading Belarusian IT university. The most advanced IT work force and leading software development companies are also concentrated in Minsk.



Products

... RSS

.... Office

..... Outlook

..NET

... Messenger

.... Windows Forms

.. Java

..... Oracle

... Skype .SVG ...

Address Book •

... Extra PHP History

..... Perl

..... Gmail Addon

.... C++ WTL

.. Applet

... AJAX ...

... Firewall • Squid

.... iPhone iPod

• JNDI

• NAT •

Apart from being engaged in offshore software development projects and outsourcing IT services for our global customers we succeed in finding time and resources to develop our own products and take pleasure in making them highly competitive, valuable and innovative.

We endeavor to implement our creativity and technological ideas in our own products, some of which are open source.



SVG Kit for Adobe Creative Suite - direct support of SVG format for Adobe InDesign and Adobe Photoshop.



SVG Kit for Android - a flexible and fast library supporting SVG format on Android devices.



Outlook4Gmail - easy synchronize Outlook and Google accounts and address books.



Product Locator - this Magento extension displays product locations on Google Maps with the ability to filter them by product categories.



Realm Browser for Android - a small library designed for viewing and editing Realm database files on Android devices.



SkyHistory - Extra/Addon for Skype that stores and manages the chat history regardless of the Skype client settings.



Smart Feed Reader - Smart & Organized. Full-featured RSS, ATOM Reader for iPhone and iPad touch.



.NET FontManager – a small open source library for .NET and ASP.NET, which provides low-level operations with various font formats.



Mobile E-mail Organizer - filter and organize incoming e-mails on mobile devices.



Phoebius - a truly object-oriented PHP5 framework for complex applications.



WinGPG - an open source encryption tool for Windows, which allows to encrypt/decrypt, sign and verify files and manage keys easily.



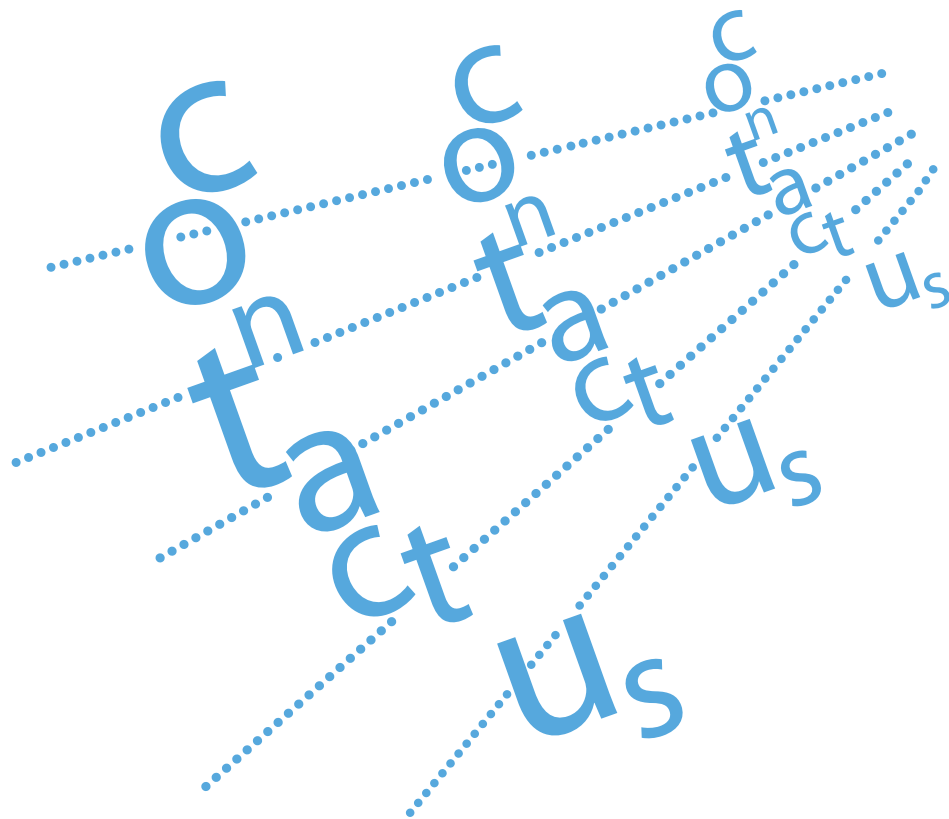
JTree - use this high-performance Java applet to represent your hierachically organized data.



Vault - this Java applet provides multiple file upload and download capabilities along with related file manipulation routines. It lets you create robust and powerful file upload system that can be available right from your web browser.

Contact Information

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