

Scand Ltd.

Software Consulting and Development

17+ years in IT, 550+ projects, 300+ engineers



S C A N D

Company Profile

Key Data

Name: SCAND
Type: Privately held
Industry: IT services,
software development outsourcing
Year of Foundation: 2000
Number of Employees (2017): ... 300+

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
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Contact Information: Tel/Fax: +375 (17) 256-08-77
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 17 years in IT we have successfully completed over 550 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 300 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.

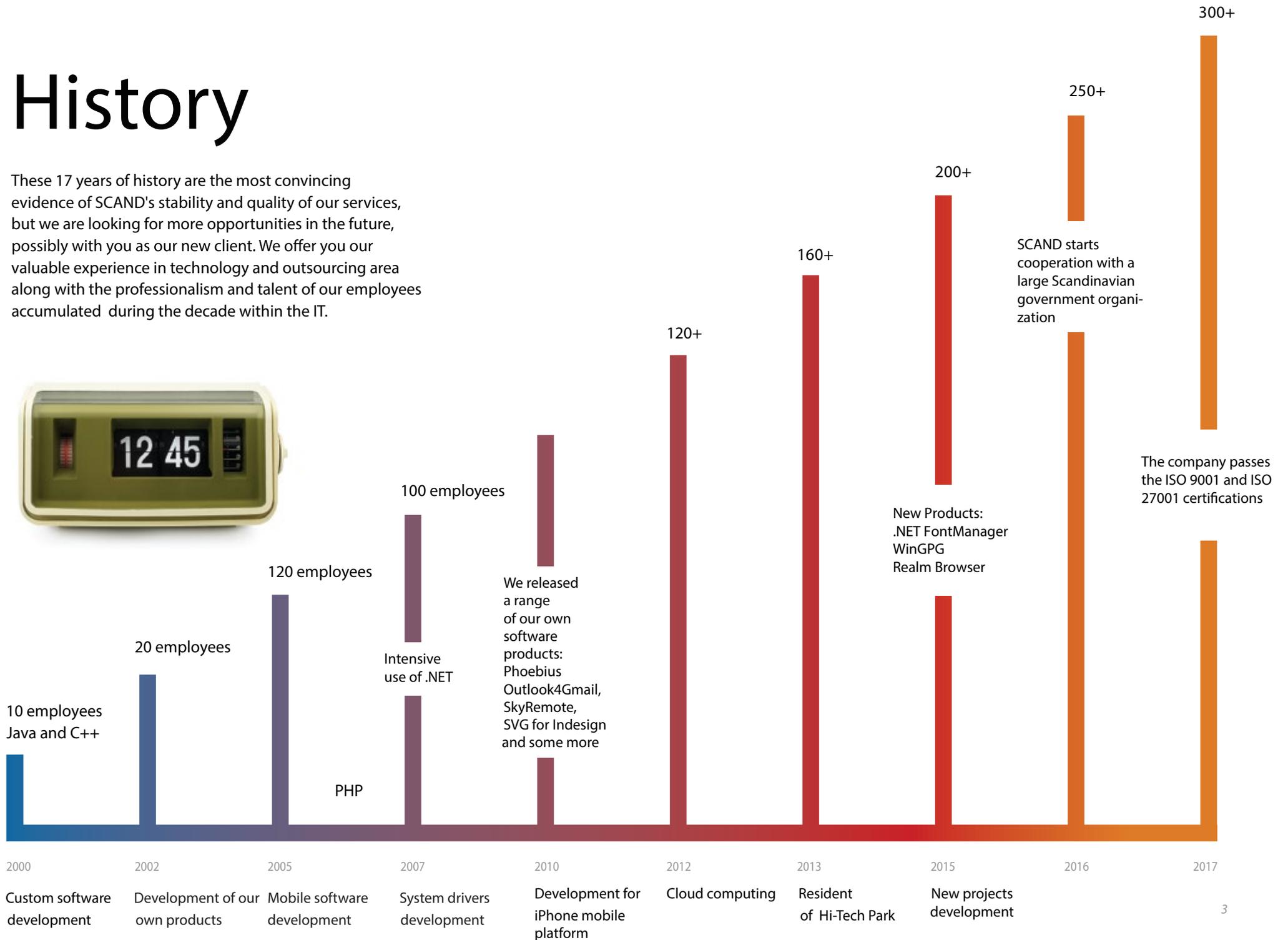
Easy Communication and Convenient Time Zone

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 17 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

Web application development

Since 2000 - its establishment date - SCAND has been specializing in the development of Web-based software, distinguished by rich user interface and functionality running on the client side in browser. At that time it was unusual, but nowadays it is rather a standard. We always strive to keep our advance in this area by following the modern industry trends and instantly enhancing our skills.

Custom software development for Windows, Mac OS and Unix

During these 17 years, we have aggregated solid experience in custom development of desktop software applications for all popular operating systems: Windows, MacOS, and Unix. In this sphere, we work on the projects of different complexity - from low-level software development (for example, drivers for Windows and Linux) to developing user interfaces with .NET, Objective C, and Qt.

Mobile Application Development

Starting from 2007, we are intensively working on the creation of applications for mobile platforms - such as iOS, Android, Windows Phone, Symbian, and Blackberry - and perform their integration with the server side. Our versatile team of experienced developers creates mobile applications personalized for our customers' needs and takes care of the highest functionality and usability level.

DevOps Services

Do you intend to build up confidence in the flawless delivery process or enable your company to better service your customers and as a result, compete more effectively in the market? This is possible with the professional DevOps teams who will automatize your feedback loop, speed up the software delivery process, and have all needed tooling to automate and streamline your software development.

QA Services

The product quality is the key to its success. SCAND has accumulated significant expertise in the field of software testing and quality assurance services. We are glad to offer our professional competence as a standalone service or as a part of custom software development processes. Order the testing of your software, web applications, and mobile apps.



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!

Expertise



E-commerce Software Development

We have massive experience in building complex and reliable custom e-commerce solutions and highly-scalable B2C/B2B e-commerce portals based on top-rated both commercial and open source platforms

Product Lifecycle Management Software

The development team has over 10 years of experience in the development of an online PLM platform.

Custom CRM Development

We are skilled in delivering powerful and fine-tuned client management software. This could be B2B or B2C enterprises running CRM solutions for 5-7M customers or middle-sized and small businesses with 10-40K clients' base

Enterprise Resource Planning System Integration

We provide a full spectrum of ERP solutions implementations for companies worldwide: from small businesses to enterprise-level customers. We offer a lot of related solutions, including complex implementation projects.

Supply Chain Management

Based on a systematic approach, we deliver complex yet flexible software to help our customers increase profits, optimize the procurement management, enhance process transparency, and save time and resources.

CAD Software Development

Our developers have been building CAD solutions, custom CAD/CAM/PLM applications, and various add-ins and plug-ins for the last 15 years.

Desktop Publishing Software Development

During the last 17 years, we have acquired extensive and unique expertise in desktop publishing. We are skilled in Print on Demand and Custom Publishing implementation and, moreover, we develop our own products including Adobe Creative Suite plugin development, QuarkXPress XTensions development, etc.

Big Data Development

We have a savvy understanding of how to make big data solutions be implemented into your existing systems seamlessly and make the tools and technologies round each other out.

IoT Development

We are capable of designing end-to-end IoT solutions relying on the standards of device management protocols, server interfaces, gateways, and secure device-to-server and device-to-device communications.

DRM Solutions Development

We provide DRM software development to publishers, copyright holders, hardware manufacturers, and individual entrepreneurs seeking to inhibit the use of digital content by any third parties.

Custom Advertising Technology Development

We have been developing Ad Tech complex systems and solutions which help online marketers, publishers, and various advertising agencies reach their business goals, link customers and managers around advertising campaigns as well as go through deep analysis and optimization of advertising spaces and websites.

Experience

Technologies and Programming Languages

Java

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

C/C++

Shell Scripting, PERL scripting, Win API, COM, DCOM, MFC/WTL, STL, ATL, DDK, C++ REST, SDK, GDI, GDI+, GCC, QT, Boost, NDK, GTK+, wxWidgets, POSIX, DirectX, OpenGL, OpenAL

.NET

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

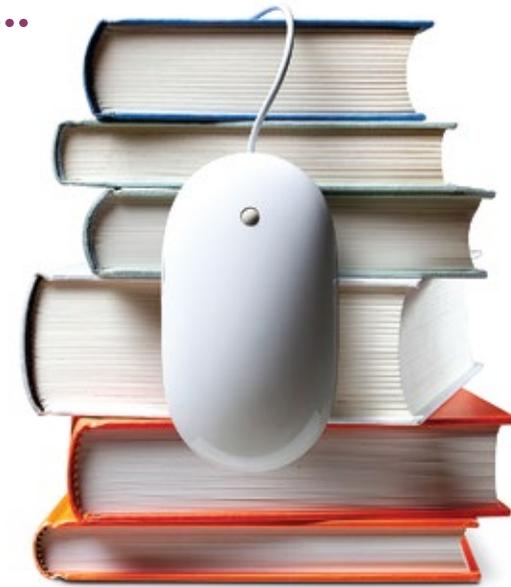
PHP

Backend

Web servers: Apache, NGINX, and IIS
Databases: MySQL, Oracle, MS SQL Server, PostgreSQL, SQLite, NoSQL, MongoDB, Redis, and CouchDB
Frameworks: Zend, Symfony, Yii, CodeIgniter, Laravel, and CakePHP

Frontend

HTML/CSS, JavaScript, jQuery, Backbone.js, AngularJS, React Redux, Node.js, RequireJS, ExtJS, Prototype, AJAX/JSON



Mobile

IOS: Objective-C, Swift, C/C++, XCode, AppCode, iOS SDK, CocoaPods
Android: Java, Kotlin, C/C++, NDK, Android SDK, Eclipse, Android Studio, Gradle, Maven
Windows Mobile: C#, C/C++, .NET, XAML, Visual Studio
Tizen: C/C++, JavaScript, HTML, Tizen Studio
Cross-platform:
C/C++, C#, Xamarin, Xamarin.Forms, .NET, XAML, Visual Studio
Hybrid: PhoneGap, Cordova, JavaScript, HTML, HTML5, jQuery, jQuery Mobile, Sencha Touch, Ionic

ERP/CRM, Integration and Databases

Cloud computing

Amazon Cloud platform: EC2, S3, CloudFront, CloudWatch, SQS, SNS, SES, BeansTalk, CloudSearch; RackSpace, Xen, KVM, OpenStack; 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; Wildfly clusters

Databases

Oracle 6, 7, 8, 9i, 10g, 11g, 12c, 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), SQLite, Teradata (14.0), PostgreSQL (7.x, 8.x, 9.x), MS Access and FoxPro, DEX (Graph database)

Application/ Web Servers

Apache and modules, MS Internet, Information Server, Resin, nginx, Lotus Domino (from version 5.0.1), Macromedia ColdFusion, Microsoft IIS + MTS, BizTalk 2003+, IBM, WebSphere and MQSeries, Oracle Application Server, Enterprise Application Server, Reuters, Triarch, FirePond Application Suite, Sybase, EAServer, IBM WebSphere, BEA WebLogic Wildfly (JBoss), JONAS, Apache Tomcat, Jetty, GlassFish

Integration with

SAP R/3, CICS, ESSBASE, MS GreatPlains and MS Navision (now Microsoft Dynamics), IBM IMS (including z/OS), MQSeries, JDEdwards / PeopleSoft / Oracle Lotus Domino, MAPICS, Salesforce, Alfresco, Siebel, Ariba Buyer, Tibco EMS and Tibco RV, Tuxedo

e-Commerce

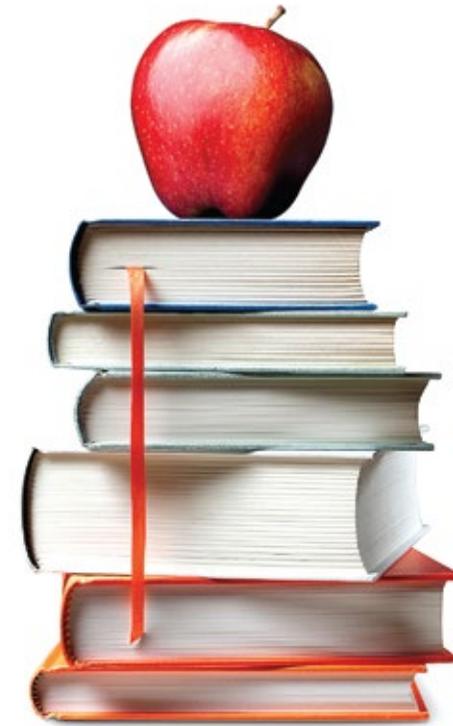
Interchange, oscommerce, Intershop, MIVA Merchant, MS E-commerce Server, CyberCash CashRegister, Magento

CMS

Drupal
Joomla
WordPress

Mobile Platforms

iOS, Android, Blackberry, Windows Mobile, Windows Phone, Windows RT, Smart Watch
Android Studio, ADT, Eclipse, XCode, Xamarin
Android SDK, Android NDK, iOS SDK, PhoneGap (Cordova), jQueryMobile
Realm, SQLite, IoC Containers, Reactive Cocoa, RxAndroid
CocoaPods, Gradle, Ant
Volley, AFNetworking, Retrofit
OpenCV, OpenGL ES, Cocos 2D, LibGDX, Box 2D
Google Services
JUnit, XCTest, Crittercism, TestFlight, HockeyApps, TestFairy



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.

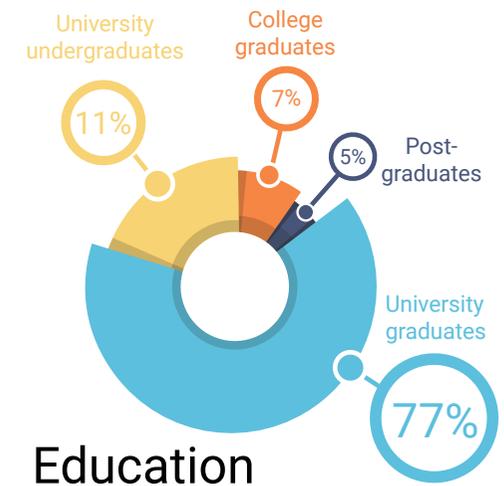
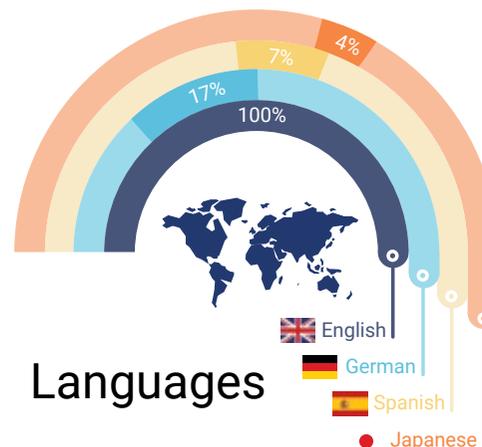
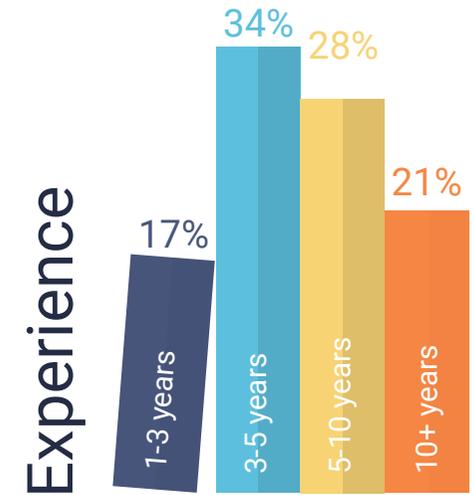
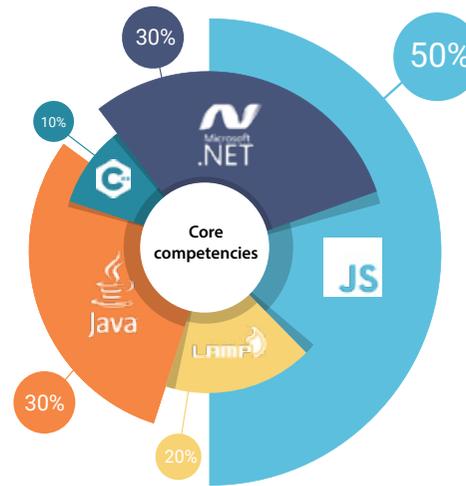
Our staff members are provided with top quality work environment, challenging yet amicable and encouraging atmosphere and the best opportunities to advance in theoretical knowledge and hands-on experience.

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.

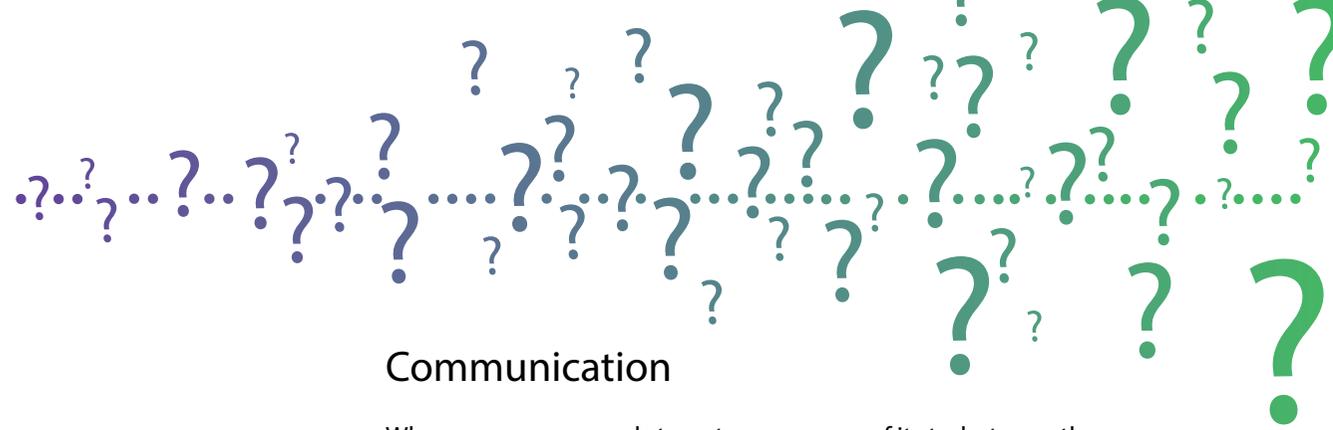
Intelligence and Talent

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.



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:

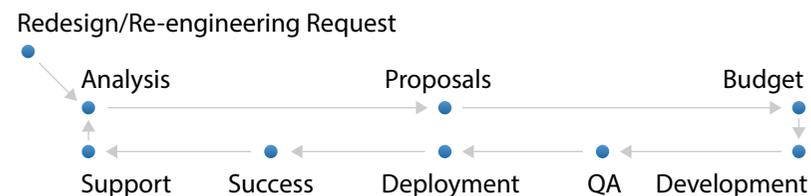
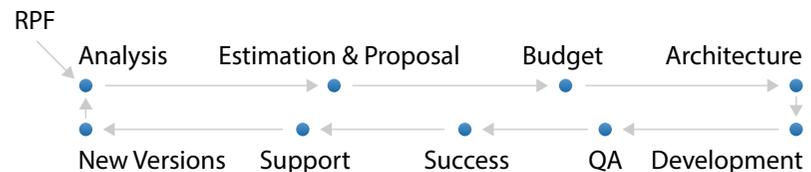
- E-mail and post (serves for more or less formal messages or document exchange);
- Instant Messengers (Skype);
- Project Management Systems (JIRA, dotProject, etc.);
- Versioning Systems (Subversion, git, Mercurial, even CVS - whatever you like);
- Bug Tracking Systems (Bugzilla, etc.);
- Reporting 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 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

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.

Libraries & SDK



epuBear - Lightweight and easily customizable cross-platform EPUB SDK for EPUB readers development



Realm Browser for Android - Helpful library to view and edit Realm database files on Android devices



DbFS.NET - High-level library to support files in MS SQL database



.NET FontManager – Open source library for .NET and ASP.NET to support font formats management



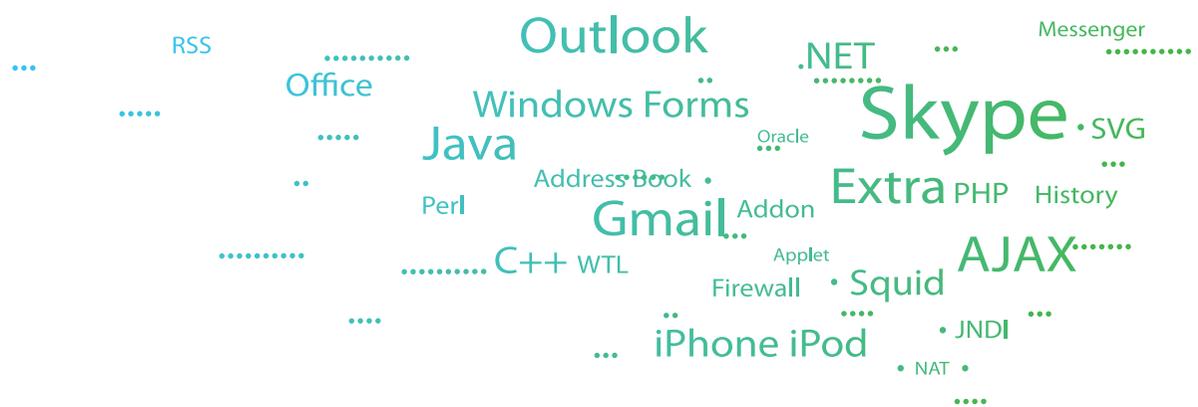
GSspread.NET - Handy library to work with Google Spreadsheets through Microsoft Excel



SVG Kit for Android - Flexible and fast library to support the SVG format on Android devices.



TouchZ - Open source library to help iOS developers and testers track bugs easier.



Apps & Addins



Outlook4Gmail - High-performance addin to synchronize Google and Outlook contacts, calendars, and tasks



WinGPG - Free encryption tool based on the GPG/PGP standard.



SkyHistory - Skype history manager to store and manage the chats.



SVG Kit for Adobe Creative Suite - Lightweight Adobe CS plugin to support the SVG format



JiraGear - Handy app to control Jira Activity Streams via iOS devices.



Selfie King - Funny app to challenge other Android users for selfie contests.



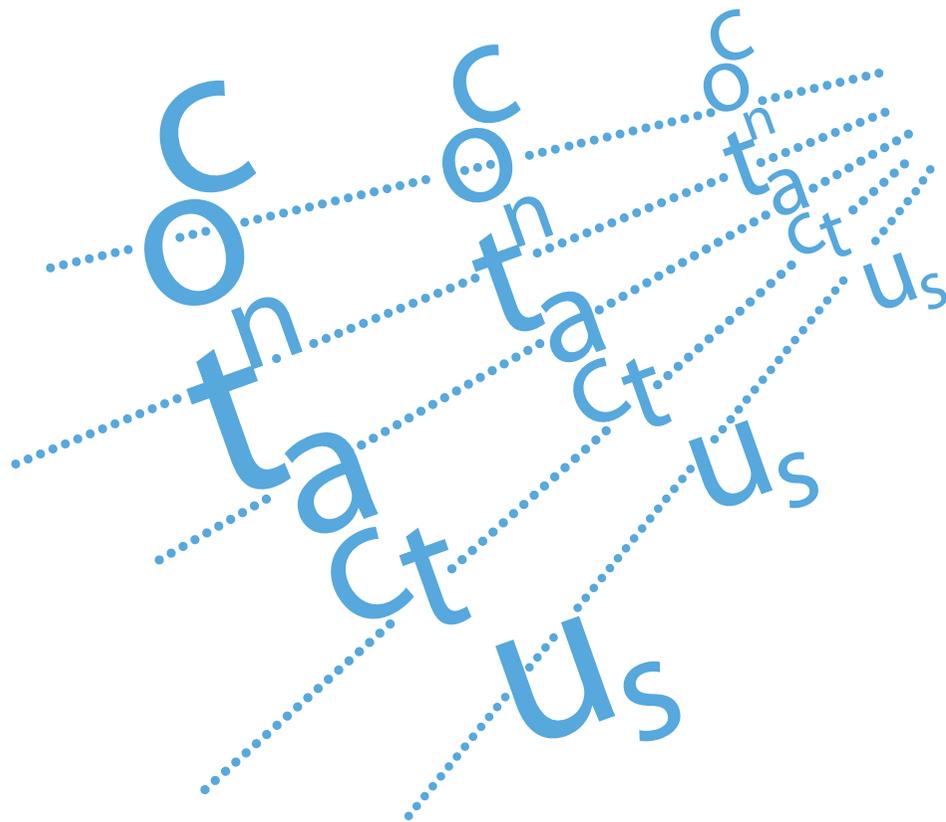
Smart Feed Reader - Full-featured RSS and ATOM Reader for iOS and Android devices.



Mobile E-mail Organizer - Efficient app to filter and organize emails on mobile devices.

Contact Information

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