

Information
technologies
for government
and business needs

ARMADA

IT HOLDING

www.armadaitgroup.com

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Armada is a team of about 800 people having completed more than 2000 projects and looking forward to make your project successful. We set as a top priority both project success and its efficiency.

Our activities focus in IT services, software development and infrastructure projects.

We grow the company which keeps abreast with time and uses most advanced approaches and technologies. For example, in 2007 Armada was the first Russian IT company to hold an IPO in Russian stock exchanges, MICEX и RTS. Armada does not only naturally expands its business activity but also quickly explores new business opportunities for customers.

Armada actively cooperates with the leaders of market using in its projects best foreign technologies. But also we actively invest in newly emerged Russian technologies enabling tomorrow Russia be less dependant on foreign IT solutions suppliers.

As a result of the strategy has become a range of software products by Armada capable in most cases of replacing similar foreign solutions.

We are sure in the near future Russia will be paying more attention to high technologies.

To successfully implement the strategy there is a need in strong, modern domestic companies, one of which we build.

Alexey Kuzovkin
Chairman of the Board, OAO Armada

ABOUT COMPANY

- On the Russian market since 1997
- A leading software developing company in Russia
- A leading IT solutions supplier for governmental structures
- About 800 employees
- 150+ regional partners
- Quality certified under ISO 9001:2008
- IPO on MICEX & RTS in 2007

Armada group of companies focuses on software development and IT services. The customers list of the company includes 1500+ public and commercial structures.

Armada has been presented in ratings of both leading industrial analytical agencies (IDC as well as Russian local CNews Analytics) and publishing houses (Russian top news agencies Kommersant, Expert, Finance) as well as Financial Times. Armada is one of a few Russian IT companies which is in the list of the most fast growing innovative companies in Europe (2007 Deloitte Technology Fast 500 EMEA).

ARMADA



ARMADA SOFT

Deals with IT projects implementation of any scale from analysis of existing technological solutions and development of IT strategies to development and implementation of IT-based automation of managerial activities, operational technical support and training of specialists.

HELIOS IT-SOLUTIONS

Is an universal integrator of infrastructure solutions for business and state-owned customers. Includes developed regional service branches as well as R&D and manufacturing of IT equipment.

Soyuzinform

All range of IT services, including: IT outsourcing, system integration, “intelligent buildings” creation. One of important assets is holding of licenses of Federal Security Service, Ministry of Emergency Situations and Foreign Intelligence Service.

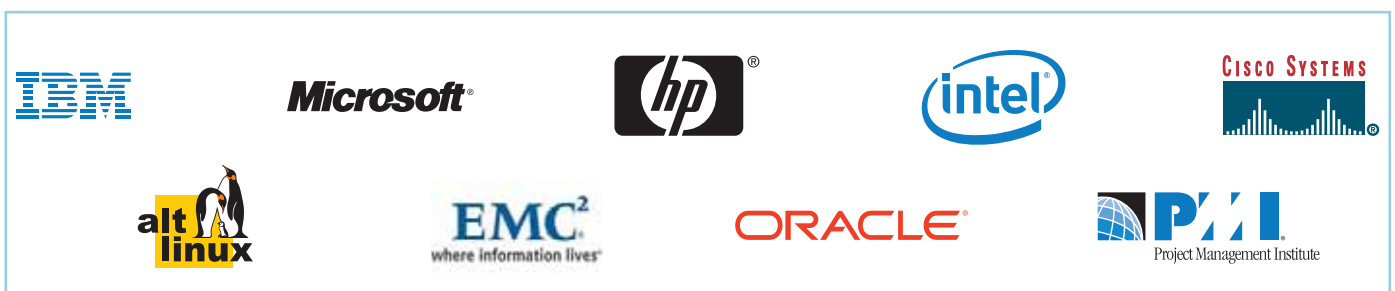
PM Expert

A leader of the project management market in Russia. Company offers services in three main fields such as consulting, outsourcing and training.

PMT

PMT is a leader of the Russian market for medical information systems (MEDIALOG and other). It focuses on the creation, implementation and servicing of comprehensive software applications used to manage healthcare establishments of various specializations, size and ownership. The company joined ARMADA group in May, 2011.

Armada is a partner of the following leading world IT vendors:



LICENSES AND CERTIFICATES

INFORMATION SECURITY, ACTIVITY IN LIMITED ACCESS SITES

Federal Security Service of Russian Federation (FSS)

- Implementation of works with use of the state secret information
- Implementation of developing, manufacturing of encrypting (cryptographic) means secured with applying of encrypting (cryptographic) means by IT and telecommunication systems
- Technical support and maintenance of encrypting (cryptographic) means
- Distributing of encrypting (cryptographic) means
- Offering services in area of information encryption
- Implementation of development of security means for state secret information
- Technical support and maintenance of encrypting means, distributing of encrypting means, distributing IT and telecommunication systems secured with encrypting means
- Implementation of measures and (or) offering services in the field of national security

Foreign Intelligence Service (FIS)

- Activities connected with use of state secret information, developing of information security means and implementation of measures and (or) to offer services of state secret security in Russian foreign organizations:
- Activities involving state secret information during implementation
- of the design projection and the technical conditions' evaluation of access-restricted buildings and their engineering infrastructure lines
- Activities involving state secret information during general construction, construction-erection and finishing works, finishing of inner engineering systems and equipment in building
- Development, installation and putting into operation of engineering and technical security systems of access-restricted rooms, buildings and territories as well as of guard and fire systems, isolated video surveillance and control systems, and access control
- Installation and putting into operation of intra and urban telephone network systems of Russian foreign organizations
- Projection, putting into operation and maintenance of rooms designated for the state secret information purposes

Federal Technical and Export Control Service (FTECS)

- Implementation of measures and/or offering services in area of state secret security (in respect to technical security means: projection of buildings with security designing
- Implementation of measures and (or) offering services in area of state secret security
- Implementation of measures and (or) offering services in area of state secret security (in respect to technical security means)
- Activities connected with creation of information security means
- Activities connected with creation of information security means: development, manufacturing, distribution, installation, assembling, setting up, testing, maintenance and after-sale service of: technical means of information security; secured data processing technical means; technical means of effectiveness control of information security; information security software (software-and-hardware); data processing secured software (software-and-hardware); security level control software (software-and-hardware)

Ministry of Defense

- Activities in area of research and development of information security means
- State Technical Committee under President of Russian Federation (Gostehkomissia)
- Activities regarding technical security means of classified information
- Research and development and (or) manufacturing of security means of classified information

Russian Agency for Control Systems (RACS)

- Manufacturing of weapons and defense technologies, namely: computers and their components designated for use as educational-training aids; devices and tools as their components; digital central processing units; data processing systems and general and special purpose software
- Technical support of weapons and defense technologies, namely: computers and their components designated for use as educational-training aids

LICENSES AND CERTIFICATES

TELECOMMUNICATIONS, CONSTRUCTION AND QUALITY

TÜV Thüringen e.V.

Certificate of conformity of the management system complying with DIN EN ISO 9001:2008 in respect to:

- Projection, development, introduction and technical support of IT solutions
- Administration of IT assets of Armada group of companies

Federal Services on Surveillance in Telecommunications of Russian Federation

- Offering telematic services
- Offering telecommunication services of data network transmission network exclusive voice based services

State Committee of Russian Federation for Telecommunications.

- Offering PSTN services

Ministry of Regional Development of Russian Federation (Minregion)

- Projection of buildings and construction structures of responsibility levels I and II complying with state standards no. GS-1-99-02-26-0-7701183115-072702-1 and no. GS-1-99-02-27-0-7701183115-072703-1

Federal Service for Ecology, Technological and Nuclear Surveillance of Russian Federation (Rostehnadzor)

- Projection and manufacturing of the nuclear power station block
- Examination of the following such as projection, designing, technology-related documents as well as documents ensuring radioactive safety of building and industrial complexes with nuclear reactors including erection of complexes or plants with nuclear materials designated for manufacturing, processing, storage, and transporting of nuclear fuel or nuclear materials

Federal Agency for Industry (FAP)

- Manufacturing of aeronautical equipment, weapon or military equipment
- Technical support aeronautical equipment, weapon or military equipment
- Testing of aeronautical equipment.

Ministry for Civil Defense, Emergency Situations and Liquidation of Consequences of Natural Disasters of Russian Federation (Ministry of Emergency Situations)

- Works related to installation, repair and maintenance of fire safety facilities of buildings and constructions
- Activities of fire prevention and fire extinguishing

ROSTEST QUALITY CERTIFICATE

- Certificate of conformity no.ROSS RU. IS08. K00526 of the quality management system in respect to projection and project management on the introduction of the telecommunication and IT systems, security systems, office and corporate services, engineering systems, automation systems, dispatching and the objects monitoring as well as on construction of civil and industrial objects:
 - Regarding compliance with demands of national standard GOST R ISO 9001 2001 (ISO 9001:2000)
 - Regarding compliance with demands of international standard ISO 9001-2000 no. 08.510.026
- Certificate no. ROSS RU.3070.04 US 00. OS02 certifies that services on arranging of technical examination to check efficiency of personal computers, local computer networks, structured cable systems, copy machines, peripherals computer devices, PBX, facsimile equipment, consumables of printing equipment, fire alarm system, video surveillance systems and access control comply with demands of regulating documents:
 - GOST 21552-84,
 - GOST 25861-83,
 - GOST 13.2.001-2001,
 - GOST 12.2.007.0-75,
 - GOST R MEK 60950-2002, GOST R MEK 600065-2002, GOST R 50936-96, GOST R 50829-95.

EXAMPLES OF COMPLETED PROJECTS

■ Software



Federal Customs Service of Russian Federation (FTS) is an information analytical system “FTS-autotransport” which provides communication exchange between central head unit and seven regional divisions including 150 customs houses and 700 customs station points. The “FTS-autotransport” database is acknowledged as one of the largest in Europe.



Federal Service of State Statistics of Russian Federation (Rosstat) is an unified informational environment for 60 Russian ministries and governmental departments carrying out collecting and analysis of data about condition of key industries in Russia.



Federal Service of State Statistics of Russian Federation (Rosstat) is a system of GDP calculation of Russia (the system of national accounts, or SNA). Firmware systems are launched in 82 regions of Russia, training of employees has been completed and is being followed up.



Ministry of Telecommunications and Mass Communications of Russian Federation (Minkomsvyaz): Creation of the HR development management system.



Central scientific research institute “Center” under Ministry of Industry and Trade of Russian Federation (Minpromtorg): Creation of the Situation center of a Head. Diploma reward of Ministry of Telecommunications and Mass Communications of Russian Federation “Top 10 IT governmental projects” in contest for nomination of «Best situation center».



Ministry of Justice of Russian Federation (Minjust): Development of Unified State Register of Legal Entities of Russian Federation.



President administration of Russian Federation: Development of the reference information system.



Ministry of Finance of Russian Federation (Minfin): Development of the official www.minfin.ru website.



Ministry of Foreign Affairs of Russian Federation (MID): Development of the financial and economic control system.



Ministry of Agriculture of Russian Federation (Minselkhos): The monitoring system to trace performance of national program of “Agriculture development for the period between 2008 and 2012” including the automation controlling of the program and development of the methodology of projects’ administrating.



Ministry of Economic Development and Trade of Russian Federation (Minekonomrazvitiya): Development and the pioneering realization of electronic administrant regulations.



Federal Guard Service of the President of Russian Federation (FSO): Development of the information analytical system to control and to estimate the efficiency control of budget resources.



Federal Agency on Education Russian Federation (FAO): Introduction a Linux based open source software into secondary schools in all Russia.



Leaders in Russia in website development: Realized more than 2000 websites for state-owned and commercial structures.



Moscow City Government: Implementation of the state project “Electronic Moscow”.



The First Insurance Company: Development of the information system “Mobile agent”.



Gazprom company: Electronic trade stock exchange complying with Russian legislation in respect to governmental purchases with all legal methods of placing of orders such as competition, ordinary auction, electronic auction, quotes’ enquiry.



Gazprom company: Development of the company’s portal.



Sberbank: Development of the internet portal which gained 1st place among Russian portals rated by Financial Times Bowen Craggs Index 2009.



Russian State Library: Development of national electronic library.



Central Bank of Russian Federation: Integrated portal of information applications with single access point for bank systems and applications.



Mechel company: Introduction of the electronic commerce system.



Amurmetall company: Development of electronic commercial site.



“Pepeliaev, Goltsblat & Partners” company: Development of the corporate information system to control documents.

EXAMPLES OF COMPLETED PROJECTS

IT services



Ministry of Finance of Russian Federation (Minfin): Outsourcing of IT infrastructure. Ensured pure reliable transmission to calculate economical indices in country.



Federal Treasury of Russian Federation (Kaznacheistvo): Project ion, installation and launching of regional telecommunication centers (90) in territorial bodies, development of the secured channel of data transmission using Internet as a transport network medium.



Federal Agency of Education of Russian Federation (Rosobrazovanie): Installations in class rooms in more than 300 educational institutions in all Russia.



Ministry of Foreign Affairs of Russian Federation (MID): Development of the secured data transmission network in Russian foreign embassies (foreign organizations).



Department of Education of Moscow: Maintenance of infrastructure of educational institutions in city of Moscow (more than 100), maintenance of infrastructure of libraries in city of Moscow.



Transneft company: consulting, reengineering of business processes.



Supreme Arbitration Court: auditing of IT infrastructure condition and development of the program of projects for its development.



Banque Societe Generale Vostok (BSGV): Services to ensure the IT infrastructure efficiency of 28 Moscow auxiliary offices (maintenance), outstaffing (organizational services, carrying out exploitation the information systems to solve set tasks and problems in area of information technologies in the territory of Customer).



“Paterson” trading company: Supporting of IT infrastructure in 30 branches.



“Nikomед” company: Maintenance of IT infrastructure in 64 branches.

Project management



More than 6000 companies have carried out training of their personnel to educate with project management in Armada (PM Expert) - more than 25 000 managers from all parts of Russia have completed full-time training to the PMP level.



FGS UES company: Operational project management of Customer within the framework of the development of the commercial registration system of electric energy as well as controlling of projection and restructuring in more than in 80 regions of Russian Federation.



Toyota Motor Corporation: IT project management of Customer since 2005 (more than 30).



VTB 24 bank: Implemented the first among Russian banks introduction of Microsoft Project 2007; the effectiveness of project management in VTB 24 was improved.



ROSNO company: The first in the Russian insurance market introduction of Oracle E-Business Suite which provided with preparation of the annual report complied with requirements of standard IFRS before time deadline.



Sukhoi company: Development of the control system which is a basis to serve Customers of the breakthrough project of Russian aircraft industry of Sukhoi Superjet 100.



Renessans Life company: Management of the IT insurance system implementation project for the company with 30 branches and agencies in all Russia with the personnel of more 1200 financial consultants.

Hardware



Federal Customs Service of Russian Federation (FTS): Equipping 6000 workplaces.



Federal Service of State Statistics of Russian Federation (Rosstat): Equipping 4000 workplaces in 78 regions in Russian Federation under the program of the IT infrastructure upgrade in Rosstat.



Federal Agency of Education of Russian Federation (Rosobrazovanie): Infrastructure upgrade project for the professional educational institutions of higher education.



Ministry of Internal Affairs Russian Federation (MVD): Equipping more 3000 workplaces.



















Central Bank of Russian Federation: Equipment supply for 35 branches of more than 4000 PC.



Vneshtorgbank: Equipping workplaces of more than 5000 PCs with special secure telecommunication solution.

ACHIEVEMENTS

Rankings

-  2011 “Cnews Analytics”, PMT a member of ARMADA Group, was acknowledged as the best company in the sphere of development and supply of medical information systems according to the results of 2010.
-  2011 “Cnews Analytics”, ARMADA is among TOP 10 largest IT developers in Russia. The rating includes Russian companies that develop their own products and services. Companies are ranked by an amount of revenues.
-  2011 “Expert RA”, ARMADA cemented its place in TOP-5 of the largest developers of software in Russia and took the 4th line in the rating at the end of 2010.
-  2011 “Expert RA”, ARMADA took the 25th line in the rating of the largest Russian IT companies that was based on the results of 2010. Companies are ranked by an amount of revenues.
-  2011 “Kommersant-Money”, ARMADA is among TOP 5 largest national software developers according to the results of 2010.
-  2011 “Kommersant-Money”, ARMADA took the 24th line in the rating of the largest Russian IT companies.
-  2010 “Cnews Analytics”, CNews100: Major IT companies in Russia in 2009
Armada is among top 30 IT companies in Russia by the end of 2009
-  2010 “Expert RA”, The largest Russian companies in the market of information and communication technology in 2009
Armada enters the Top 30 IT companies in Russia in 2009.
-  2010 “Expert RA”, Ten leading companies among software developers on the basis of 2009
Armada takes the 5 th place in software developers ranking in Russia in 2009.
-  2010 “Kommersant-Money”, The leading companies among software developers
Analysts acknowledged the “Armada” group being 4 th in 2009 Software Development ranking.
-  2010 “Kommersant-Money”, Companies of the Russian IT market
Armada Group takes the 25-th row of the ranking.
-  2009 “Expert RA”, Ten companies - the leading software developers
Analysts of “Expert RA” recognized the “Armada” group being second largest software developer (in terms of revenue of this branch in 2008).
-  2009 “Expert RA”, The largest Russian companies in the market of information and communication technology in 2008
Armada enters the Top 30 IT companies in Russia in 2008, and has the third largest growth for the year among them.
-  2008 “Expert RA”, The largest Russian companies in the market of information and communication technology in 2007
Armada entered the top-30 of Russian IT companies.
-  2008 “Expert RA”, Ten companies - leading software developers
Analysts of “Expert” acknowledged the Armada group being the third largest software developer (in terms of revenue of this branch in 2007).
-  2007 “Deloitte Touche Tohmatsu”, 2007 Deloitte Technology Fast 500 EMEA
“Armada” debuted in the list of 500 fastest growing technology companies in Europe, Middle East and Africa published annually by Deloitte.

INFORMATION ANALYTICAL SYSTEMS

COLLECTING, REPORT PROCESSING, REGISTER ADMINISTRATING

- automation of report collecting processes
- data input with any convenient format
- data control and checking in all process stages
- administrating governmental and municipal registers
- automated analysis of information

The information analytical systems (IAS) of data registering are designated to administrate the asset register and to monitor the related to them planned and actual information. To collect information, the information systems of lower organizations are integrated with the host system which provides the creation of the unified information environment of the organization. Armada offers projection, development, introduction and supporting of IAS to customers.

The examples of projects:

- **Parliamentary Library of State Duma of Russian Federation:** Development of Parliamentary Electronic Library (PEB) for Apparatus of State Duma of Russian Federation. This project has different architecture comparing with Lenin's State Library but performs similar tasks, and besides it, aside from traditional documents for libraries, PEB is has facilities to store and visualize acoustic files, images, video content, digest presses and other formats of information storage suitable for an user.
- **Federal Customs Service of Russian Federation:** The information analytical system "FTS-autotransport" provides with communication between central head unit and seven regional divisions, including by 150 customs houses and 700 custom station posts. The system registers every vehicle crossing state border of Russian Federation; a set of customs documents is given; there is analysis of statistics data and interaction with ISs of adjacent departments. The system is acknowledged as one of the largest in Europe.
- **Information analytical system to Federal guard service:** IAS named "The control and estimation the efficiency control of budget resources in regional subjects of Russian Federation". The system is unified methodological and information environment for decision making in area of the budget resources' utilization in both the federal and regional levels with allowance for national peculiarities and plans of the socio-economic development of regional subjects of Russian Federation. There has been performed a calculation of more than 200 analytical indices. The system is used in the Situation center under President of Russian Federation.
- **Federal Service of State Statistics of Russian Federation:** The system of GDP calculation of Russia (the system of national accounts, or SNA). Collecting of reporting forms from more than 150 thousand enterprises of Russia, the automatic analysis of the data accordance (about 7 mln indices per annum), calculation of GDP and GNP, and other macro-economic indicators. Firmware systems are launched in 82 regions of Russia, training of employees has been completed and is being followed up.

"The staff of Rosstat were enabled to immediately process complex enquires and to analyze with holistic evaluation the socio-economic data using the personnel information analytical system developed by Armada"

K. E. Laikam, Deputy Director of Federal Service of State Statistics



PUBLIC SERVICES IN ELECTRONIC FORM

PORTAL OF GOVERNMENTAL SERVICES, ELECTRONIC INTERACTION WITH STATE STRUCTURES

- personal “cabinet” of a citizen
- automation of departmental procedures
- “One window” system
- personal data certified security
- electronic payment of state fees and duties

Portal of governmental services is an information system providing with the technological means of the information interaction for both citizens and organizations with state authorities using Internet.

There are the following expected effects with the portal realization:

FOR CITIZENS AND ORGANIZATIONS

- Quality improvement and accessibility to get governmental services
- Decrease in time spent to get services
- Immediate response for complaints

FOR EXECUTING GOVERNMENTAL STRUCTURES

- Decrease in number of visits of both citizens and organizations
- Decrease in labor force spent for data entry and processing of information derived from documents
- Decrease in volumes paper documents’ turnover during offering of governmental services

FOR STATE ON THE WHOLE

- Reduction of losses in the federal budget due to low efficiency of existing procedures of offering of governmental services
- Standardization and unification of software and technical solutions of offering of governmental services
- Development of interdepartmental information flow exchange

“We express gratitude for the active participation in the putting into operation of the Medical and Social Expertise Center which solves problems of disabled persons”

V. F. Chaschin, Chairman of Krasnoyarsk town council of deputies

ARMADA Company is a winner of the contest “Top 10 IT projects for the public sector - 2010” in the nomination “The best conversion project of government services in social service into electronic form”

Examples of projects:

- **Federal Medical-Biological Agency of Russian Federation:** Introduction of unified integrated information system on the basis of the institutions of the medical and social expertise. The system was implemented in the first in country specialized institution for disabled people (town of Krasnoyarsk) which will work with the “one window” principle. Armada fulfilled a contract on IT services.
- **Moscow City Government:** Implementation of the regional portal to offer governmental and municipal services. The portal has information about more than 200 services for both citizens and organizations of the city of Moscow; there have been selected forms for all applicants and their samples showing how to fill, the catalog of organizations, availability of electronic reception. There is a possibility to carry out a search of required services that are grouped according to the necessity principle of a life situation (for example, after the birth of child).

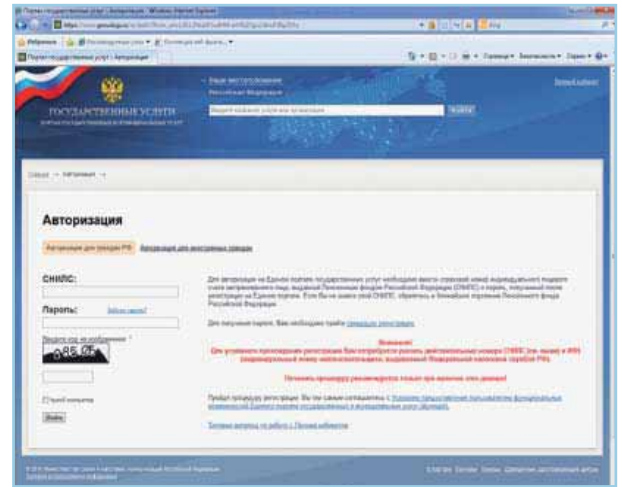


PUBLIC SERVICES IN ELECTRONIC FORM

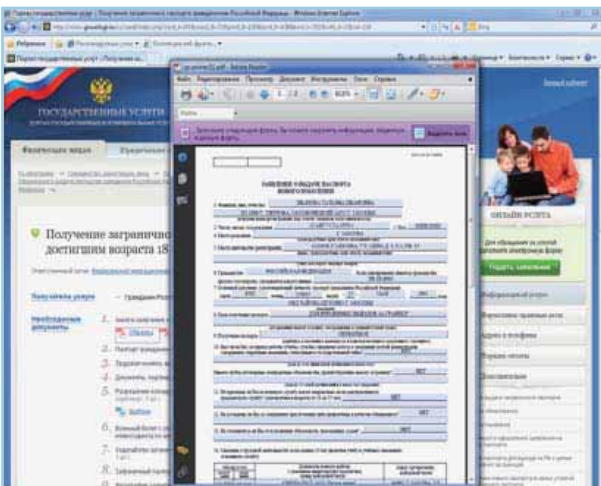
PROJECT EXAMPLES



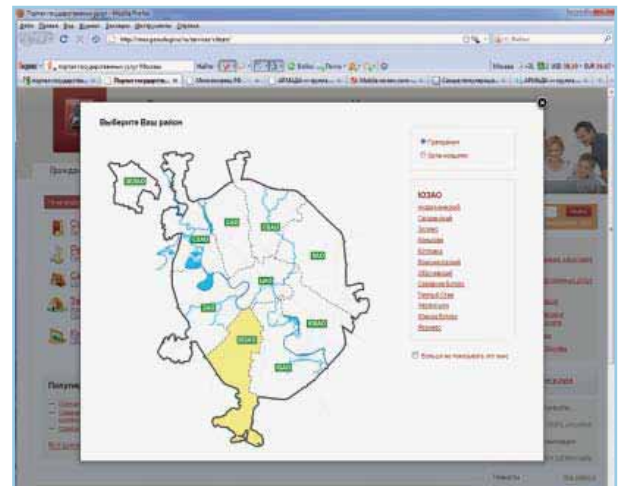
Federal public services portal of the Russian Federation



Personal Area in the federal public services portal



Filling the documents inn the federal public services portal



Public services portal of Moscow



Home page of the public services portal of Moscow



Documents at the public services portal of Moscow

INTEGRATION SOLUTIONS

INTEGRATION OF DATABASES, METADATA MANAGEMENT

- merger of information systems and divisions' databases
- centralized control with normative-reference information (NSI)
- service-oriented applications
- unification of applied systems
- improvement of information security

Armada company has experience of working with the following platforms: IBM (WebSphere), Microsoft (BizTalk), SAP (SAP XI), Oracle (Fusion Middleware).

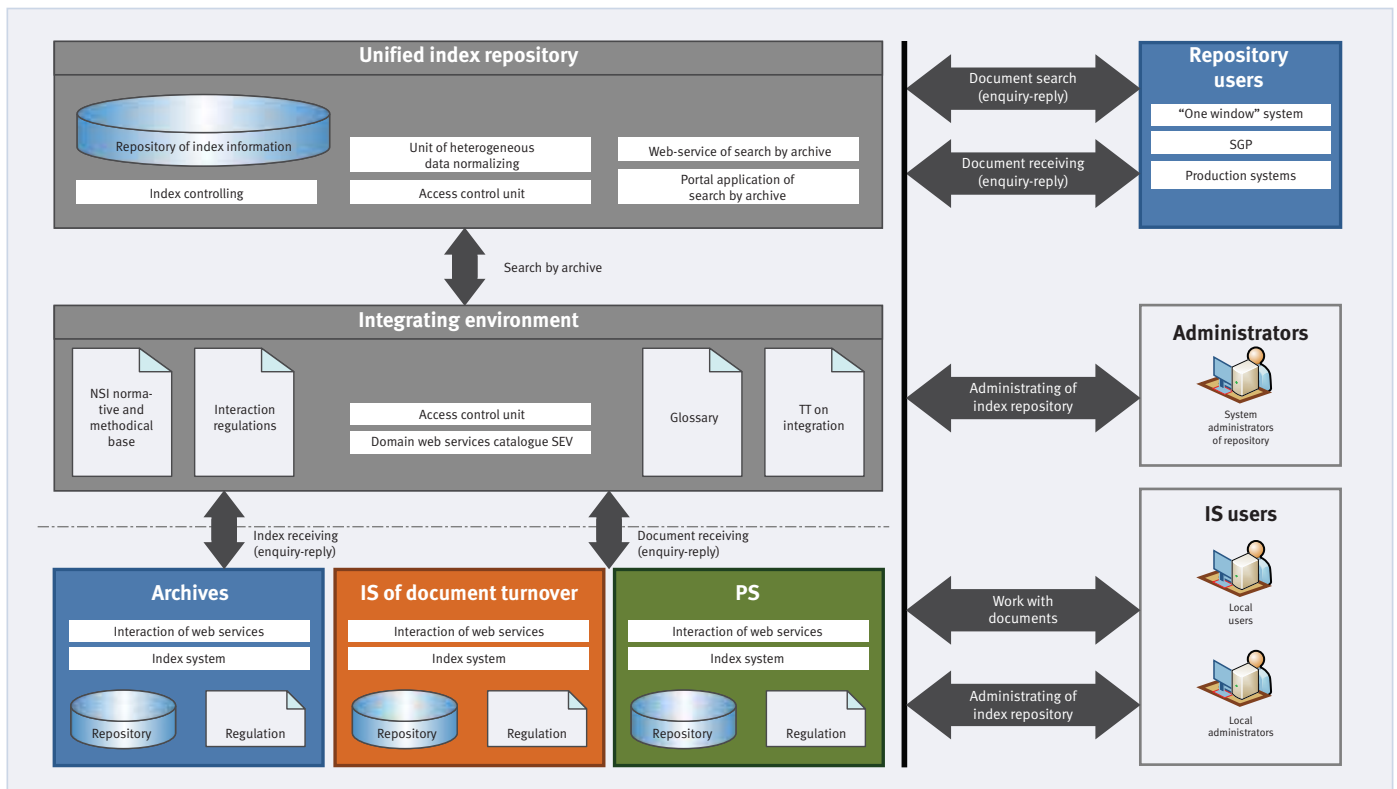
Examples of projects:

- **Ministry of Agriculture of Russian Federation:** “Collecting and analysis of agricultural industry data” management system. The system gathers, stores and analyzes information about the level of manufacturing and sales of agricultural products, the volume of import, amounts of custom duties, and hundreds of other indices. The system is established in 450 municipal districts in 65 regional subjects of Russian Federation while access to the system will be available for both state-owned and commercial organizations.
- **Ministry of Justice of Russian Federation:** The “Normative legal acts of Russian Federation” system. The database of normative legal information of the federal, regional and municipal levels is formed in the system; the processes are automated to manage the federal register of the normative legal acts of regional subjects of Russian Federation and municipal units; also there is an interrelation between the system and the inter-departmental and inter-state system of the legal information exchange.
- **Moscow City Government:** The system of collecting and storage of the general reference information in accordance with documents found in the electronic archives of various organizations.

“ We express our gratitude to Armada company for the great quality of work on automated information data system for logistical and transport support.

The quality of work performed and the results achieved allow us to appreciate Armada highly as a professional and reliable partner, cooperation with which solves both integration and System creating problems”

AV Sidorov, the director of the Research Centre under the Ministry of Foreign Affairs of Russia.



INTERDEPARTMENTAL INFORMATION SYSTEMS

FORMING THE SYSTEM OF INDUSTRIAL INDICATORS, EXCHANGE OF INFORMATION

- integration of departmental resources
- methodological ensuring, metadata management
- development of regulations and legal acts
- certified security solutions
- verifying centers of electronic digital signature (EDS)

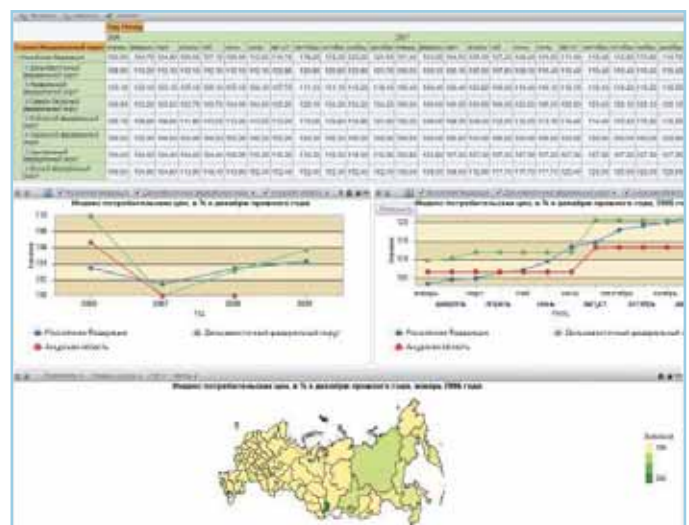
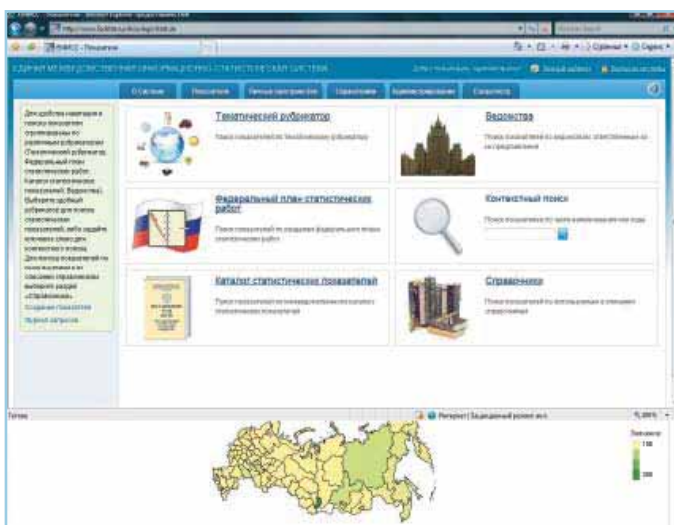
Armada offers its Customers the methodological and technical means to enable the interdepartmental information interaction. There are firmware systems to solve the task to integrate systems in real time as well as a control metadata control system, and NSI, the system of information and technical security, and Internet-portals to offer governmental services.

The examples of projects:

- **Federal Service of State Statistics:** “Unified inter-organizational information and statistic system” (EMISS) is a governmental information system of the official statistics distribution by the subjects of statistical registering built on the basis of unified normative and legal information and of unified principles of presenting and disseminating of the data, provided with the unified interface of information access. Purpose of its development and introduction is to integrate and harmonize statistical information resources in scale of whole country and to offer for federal authorities the electronic governmental services of access to credible and complete official statistical data. Consumers of the system are governmental establishments, commercial organizations and people.
- **Federal Medical-Biological Agency of Russian Federation:** The system of the interdepartmental interaction of the establishments of medical and social expertise. The system is implemented in the first in country specialized institution for disabled people in town of Krasnoyarsk. The system provides with data exchange among local departments of the medical and social expertise, of the pension fund, of the social insurance fund, of the social aid committee of the regional authorities and other organizations what let to offer services using «one window» system.

“Establishing of the unified integrated statistic resource center of state scale is of high importance to ensure the governmental bodies and other statistical information consumers with credible and complete statistical data in managerial decision making and forecasting including analysis of conditions and dynamics of the national and rural economy, demographic and social situation. Armada experts successfully solved the wide range of tasks concerning methodological, technical and organizational issues during development and introduction of EMISS».

K. E. Laikam, Deputy Director of Federal Service of State Statistics



SITUATION CENTER

MONITORING AND VISUALIZATION SYSTEM

- monitoring and visualization of information flow
- analysis of current situation (reports, calculations, indices etc.)
- simulation and forecasting of possible development of events
- mobile access, convenient graphic presentation of data
- control of the information preparation

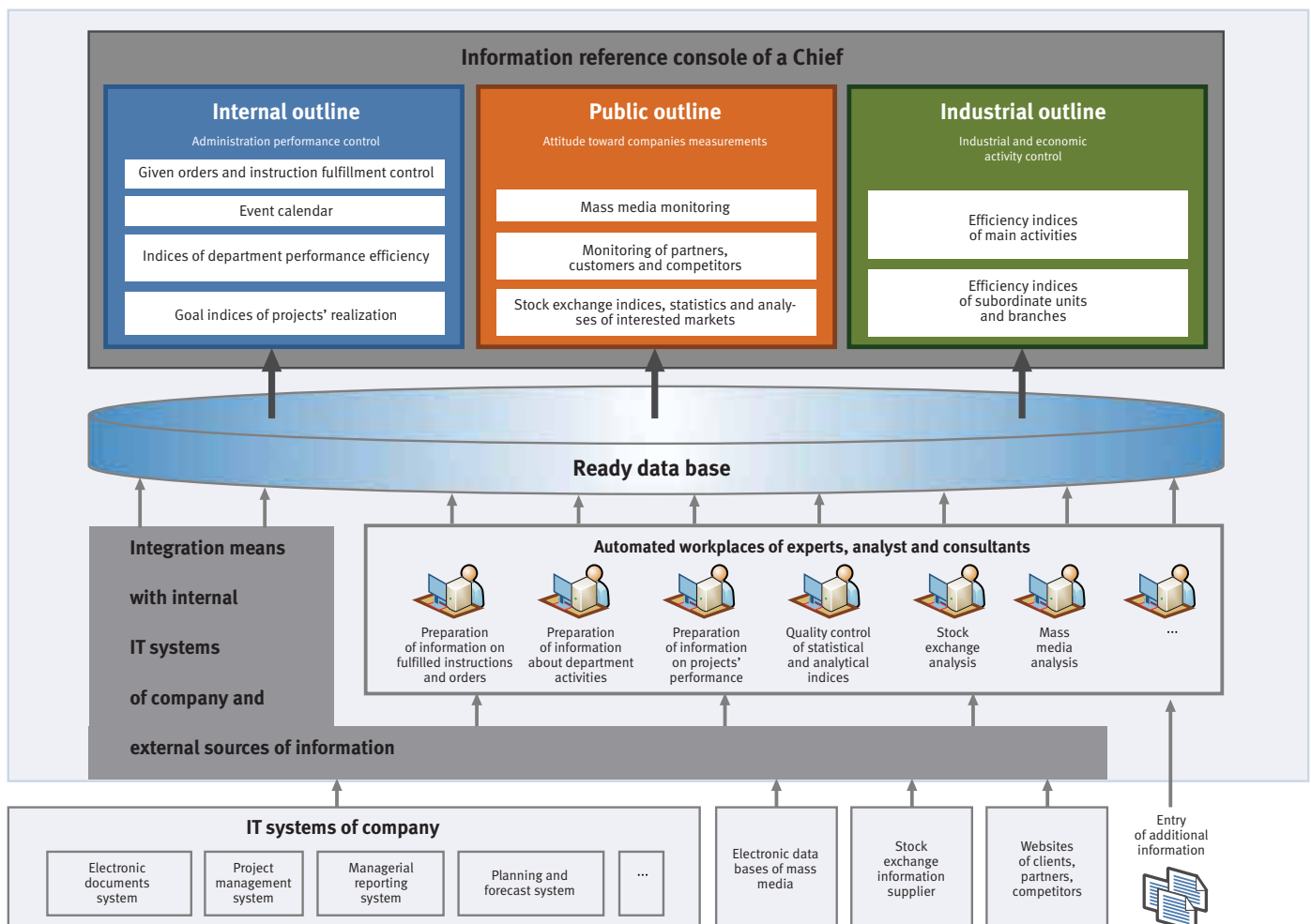
The system of monitoring and visualization is a firmware solution which provides direct and quick access to information which is required by manager for decision-making. Information is presented in maximally convenient graphic type.

The main advantage of such solution is quick availability of information, mobility (the solution uses mobile portable telecommunication means), and personal responsibility of those who provided information.

The examples of projects:

- **Ministry of Industry and Trade of Russian Federation:** “Mobile situation center of a Chief” developed by Armada has contributed in higher efficiency improvement of using of scattered information resources to solve a task of creating the general data base of Minpromtorg enterprises and permanent access to it by all concerned decision-makers.
- **Federal Agency for atomic energy of Russian Federation:** Information analytical system to monitor indicators in situation-crisis center.

Armada received award diploma in the competition of Russian Federation “Top 10 IT governmental projects” for nomination of “Best situation center” for the project of implementation of “Situation center of a Chief” in Central scientific research institute “Center” (Minpromtorgovli) in 2009 year (competition arranged by the publishing group ComNews by the support of Ministry of Telecommunications and Mass Communications of Russian Federation).

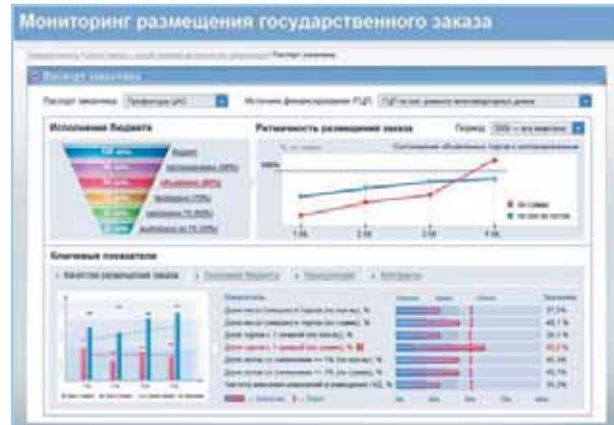


SITUATION CENTER

EXAMPLES OF PROJECTS



The personal situation center of a Chief of department - main page



The dynamics of the execution of the allocated budget for purchases shown in split by inter-departmental shares



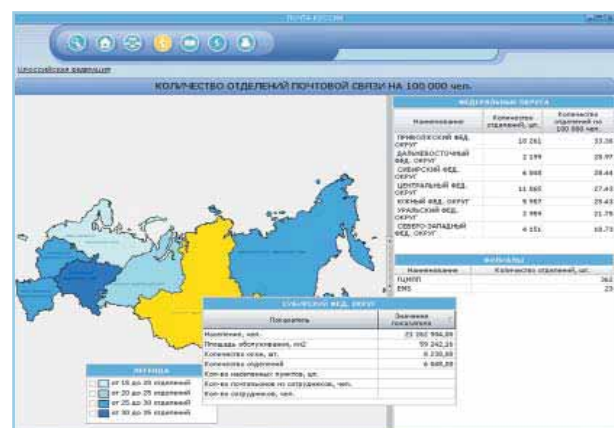
Departmental situation center of Rosprom - main page



Transparency rating of placing of governmental order



Analysis and visualization system of departmental statistics FGUP "Russian post"



Analysis of separate indicators in view of federal zones

ELECTRONIC DOCUMENT SYSTEM

CREATION PROCESS CONTROL, DEVELOPMENT AND STORAGE OF INFORMATION

- electronic storage of documents, archive, knowledge base
- controlling of external and internal correspondence
- ensuring of team work, product version supporting
- contracts registering
- electronic regulations

Using the electronic document system results in considerable raise in the effectiveness of operating processes organization due to utilization of paperless methods for documents preparation, studying, discussion, approving and archiving.

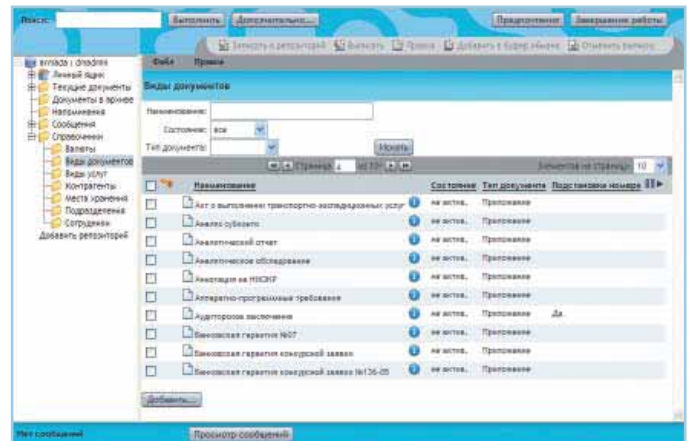
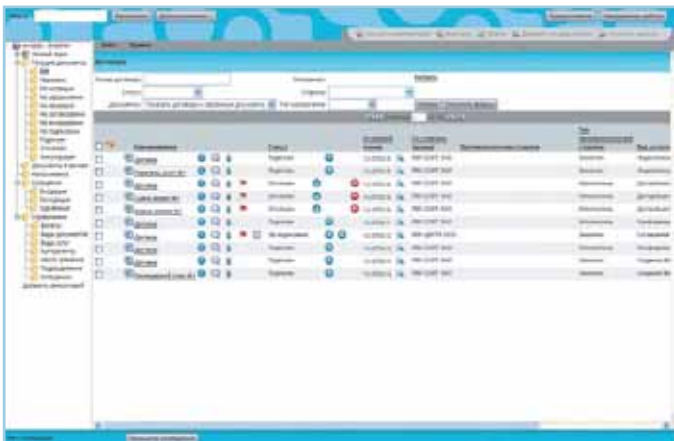
Armada has a vast experience of successful projects of electronic document automation for both governmental and commercial organizations. Using platforms of Microsoft, IBM, Oracle, Documentum, DELO and others we perform thorough tuning of system and develop customized functions.

Examples of projects:

- **Administration of the President of Russia:** information system “R&D Library” (Microsoft). The system is designated for implementation and structured storage of R&D information as well as for the search of this information using various criteria.
- **Moscow City Government:** unified storage of the index information of electronic archives in Moscow (IBM). The system provides collecting and storage of general index information of documents found in the electronic archives of various institutions, departments and organizations in Moscow, and provides useful search tools of these data this study with the indication of location of corresponding electronic documents and their paper originals.
- **“Pepeliaev, Goltsblat & Partners” legal company:** the information system of documentation control (Documentum). The system is developed for the complex automation of employees’ activity in respect to their work with documents, especially processes of creation, approval and storage of documents as well as team work over them.

“We are satisfied with superior quality of the realization of project of development and implementation of the Documentum system into our company. Particularly we would like to mark out both constructive and holistic approach in solving of tasks, readiness to meet customers request as well as ability to understand distinctive needs and peculiarities of business of our company”

T. Kulikova, Financial manager, “Pepeliaev, Goltsblat & Partners” legal company



MANAGEMENT OF IT RESOURCES AND SYSTEMS

CERTIFICATION OF IT SYSTEMS, TECHNOLOGICAL PORTAL

- registration of expenditures for utilization of information systems and resources
- automated calculation of estimated expenditures
- forming of applications for obtaining of licenses, software, equipment using EDS
- electronic acts for equipment usage
- routine and emergency automated control

Armada offers services of the infrastructure information control systems implementation for all set of software and hardware solutions of an organization, which is used for registration of IT resources and is operating in the everyday and emergency routines.

Examples of projects:

- **Moscow City Government:** development of the technological portal of the Computerization Division of Moscow Government. Using of the portal enables IT asset registration, collecting of passports of software-technical complexes and information systems for collecting of applications and planning of the state project “Electronic Moscow”. There is an optimization in the process of management and control over the execution of urban measures in respect to the IT sphere. There is a decrease in expenses for correcting of calculation mistakes, primary processing and data entry. Technological portal is «one window» of controlling the computerization of Moscow where executive authorities can apply with any question connected with creation, updating and the exploitation of information systems and the resources of the city.
- **Federal Insurance Supervision Service of Russian Federation:** the monitoring system to track the condition of IT infrastructure in all territories and to remotely eliminate emerging faults.

“Now calculation of the expense estimates of IT resources usage with the technological portal will be done in real time. Expenditures of the primary processing of applications will be reduced by means of enabling state authorities to input data into the system independently and to implement the unified order in the budget financing of expenses arisen from usage and purchase of IT equipment and software. The final objective of development of technological portal is the automation of complete cycle of urban IS planning, projection, development and exploitation»

N. I. Sakharova, Head of Maintenance IT dept of IS of Computerization Division of Moscow Government

Tivoli software

HP OPENVIEW

The image displays three overlapping screenshots of the 'Паспорт ИС' (IT Passport) software interface. The top-left screenshot shows a document management screen with a table of documents, including one titled 'Распорядительный документ Правительства Москвы - основание для промышленной эксплуатации ИС'. The top-right screenshot shows a similar screen with a table of documents, including one titled 'Государственный заказчик разработки ИС'. The bottom screenshot shows a data visualization chart with a legend and a table of data.

RUSSIAN OPERATING SYSTEM

LINUX BASED OPEN SOURCE SOFTWARE (OSS)

- the largest in Russia infrastructure of development and maintenance of OSS
- unlimited possibilities of production
- free source codes of software
- independence from foreign software makers
- free license

The systems for personal computers and Alt Linux servers:

- domestic operating system is a full-value replacement of MS Windows
- it includes a set containing more than 1 500 software programs including: Office programs, automation systems of business processes, the facilities of team work environment, internet-browsers, internet-pagers, IP-phone, graphic and acoustic editors, programs for 3D modeling, audio and video players etc. System security is protected from viral attacks
- collection of office programs for operating systems Linux and Windows includes complete set of analogs of MS Office and Photoshop, desktop publishing system and programs to work in internet
- specially certified FSTEK systems
- desktop and server versions.
- security from unauthorized access

Alt Linux solutions are developed to meet latest world needs. Full-value functionality with the habitual for users interface of Alt Linux solutions provide their easy use in capacity of the full-value replacement to expensive foreign products.

Armada carries out development of customized OS Linux based configurations, implementation and maintenance of these programs. The gained by the company experience has no analogues in Russia. A main Armada project in this field has become the first national development and implementation of OSS in the vertical segment of Russian educational institutions.

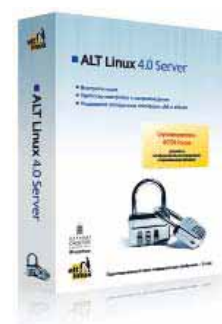
Federal portal of state services and key components of the “Electronic Government” of the region are based on the ALT Linux products.

The examples of projects:

- **Federal Agency on Education of Russian Federation:** “Development and implementation of free access software in secondary schools in Russia” within the framework of priority national “Education” project. In 2007-2008 Armada developed set of OSS, certified FSTEK and introduced in 1107 schools in three pioneering regions, and even more 1200 schools joined the project in more than 40 other regions. The project was highly appreciated by President of Russian Federation, and now it is planned all secondary schools of Russia use the OSS. There are considerations to create a national operating system
- **Ministry of Telecommunications and Mass Communications of Russian Federation:** development of Conception of the OSS development in Russia
- **SKIF software:** Software development to control supercomputer cluster SKIF-MGU
- **Ministry of Economic Development of Russian Federation:** Implementation of typical OSS-based workplaces in the local government authority of Alexenski district of Tulska region

“If Russia is not independent in the field of software then all the rest fields where we plan to be independent and competitive will turn out to be under the threat”

D. A. Medvedev, President of Russian Federation



SAAS SOLUTIONS

NETWORK OPEN SOURCE-BASED SERVICES

- data access from anywhere in the world
- unified information space
- minimum system requirements to your computer
- solutions do not require installation and configuration
- security of data transfer and storage

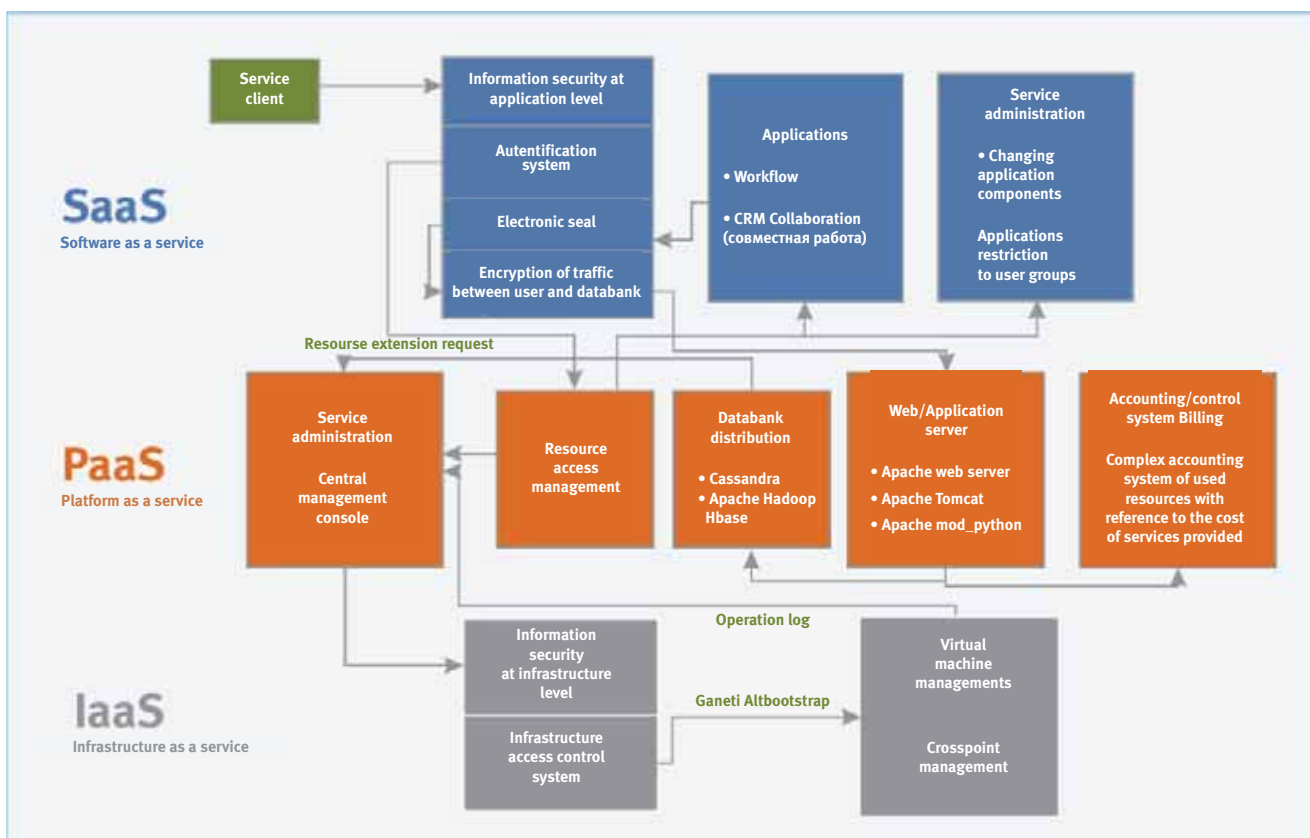
SaaS (Software as a Service) is a way to use information technology in which computing resources and applications are available as a service through computer network. Instead of purchasing and installing applications in your own facilities, you can lease them through the net.

The advantages of SAAS-model:

- substantial savings: no need to install software on working computers and buy server hardware, no nt workstations
- investment protection: You can always change the amount of consumption
- services availability until switching to other software
- clarity and predictability of costs, including the implementation
- if the accounting system software is available, the systems developed in other areas / departments can be used
- quick software implementation and update
- no need to install software on users' workstations
- centralized protection, access control and data safety
- multiplatform
- high reliability, availability and performance
- work with the latest version, versioning and recoverability of documents

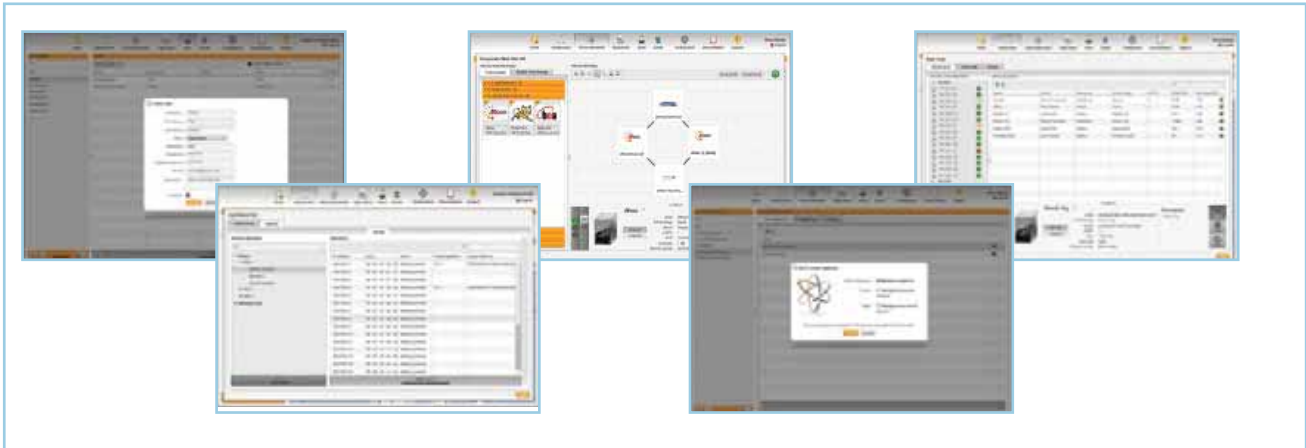
SaaS blurs the distinction between proprietary and free software, making the traditional opposition of one to another not so principled.

I.O. Schegolev, Minister of Communication and Mass Communication of Russian Federation

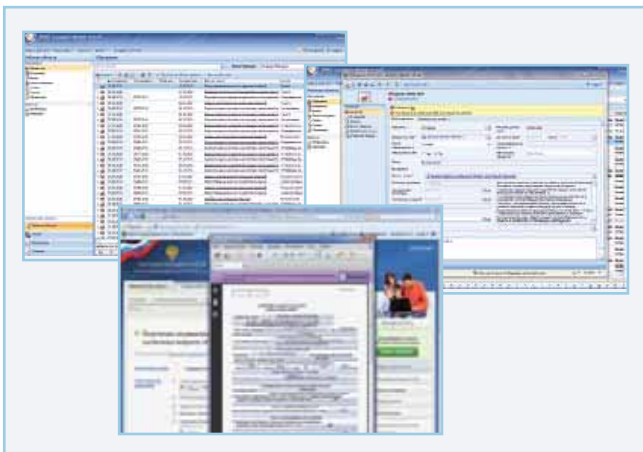


SAAS SOLUTIONS

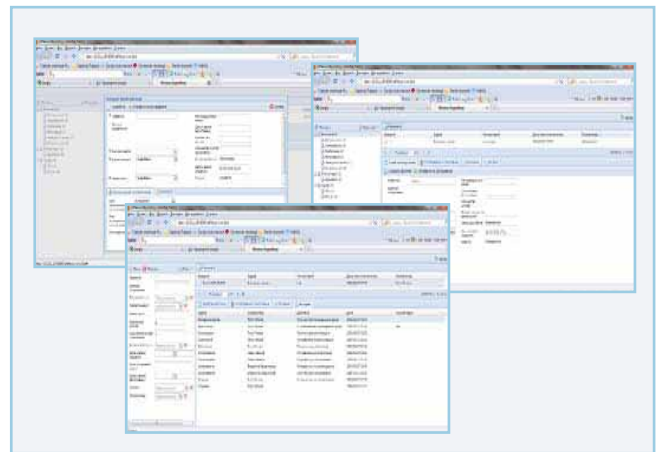
SOLUTIONS EXAMPLES



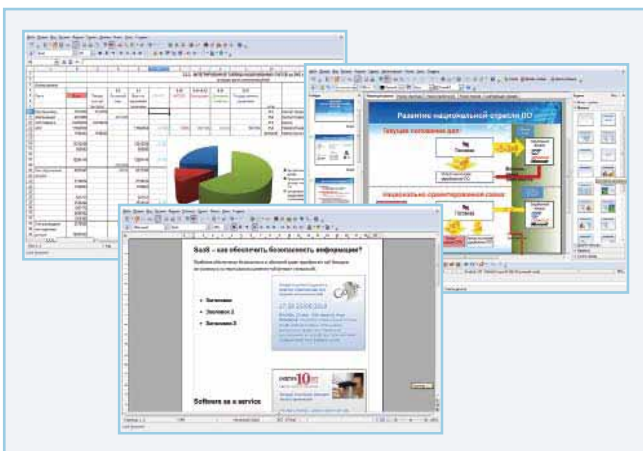
| High-performance platform for SaaS-infrastructure management



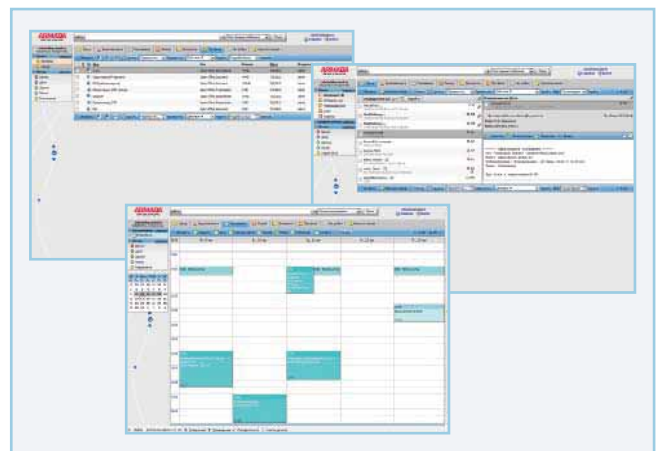
| Processing of citizens' applications and automatic regulation of public services delivery



| Interagency document and records management



| Office Online - Work with documents



| Working with Documents - Office Online - work with mail, calendar, tasks and address book

PORTAL SOLUTIONS

INTEGRATION OF INFORMATION RESOURCES OF ORGANIZATION

- implementation on RBC, IBM, Microsoft, Oracle, SAP, etc. platforms (more than 2000 projects)
- more than 200 typical services
- integration of corporate systems
- teamwork
- single access point to the existing information systems (IS)

Armada portal solutions provide necessary functions to exchange information and to work with documents by any average employee as well as the possibility of access to consolidated analytical information by top management of the organization. A key word in the portal's definition is word «unified»: the unified access to different information, the unified method of document handling and the like. Armada offers a range of ready modules as well as services to develop new modules and integration with organizational IS:

Organizational reference guide

Electronic applications

Electronic archive documents

News

Working time Control

Resources reservation

Informers

List of easy access chapters

Portal using statistics data

Visualization of access rights to portal nodes

“With implementation of the portal, firstly, every employee of the central apparatus got access to any information resources, and secondly, conditions were formed to reduce document turnover between divisions. The portal contributes unity of understanding of customs politics by all employees of the central apparatus”

L. M. Ukhlinov, Chief of Head Quarters of Information Technologies of FTS Russia

The examples of projects:

- **Federal Customs Service of Russian Federation:** Intranet portal. The portal is used by more than 60 000 customs personnel. The system comprises multifunctional classifier (access to information by tasks, responsible employee, document type and other criteria), it is possible to create personalized units, developed mechanisms of search and functions of access to exterior information resources and other components.
- **Ministry of Finance of Russian Federation:** Intranet portal of the ministry, integration of departmental information systems. More than 5 000 users.
- **Gazprom:** Corporate portal. The system unites information into one environment and includes structural subdivisions of administration and branches. This secures an integrating platform to arrange a single point access to information systems and company resources and to ensure data exchange between systems. Also there is a number of functional services enabling to solve certain business tasks.



INTERNET BASED SOLUTIONS (WEBSITES)

OFFICIAL REPRESENTATIONS IN THE INTERNET, corresponds to federal act 8 ("8 FZ")

- professional design
- modern program facilities (RBC, IBM, Microsoft, Oracle)
- support and promotion of websites
- adaptation website to be used in mobile terminals
- hosting, technical support

Armada is a leader among developers of the internet-based solutions in Russian market. Armada traditionally develops websites on its own platform, and one new field is development of portals with state-oriented services. Company offers Customers the complete cycle of websites' developing, their filling with content, development, promotion and other services.

In ratings held by various agencies Armada products occupy leading positions. Developed by in the end 2008 "Sberbank" portal occupied 1st place among Russian portals enlisted in the Financial Times Bowen Craggs Index 2009 rating.

Products and decisions:

RBC Contents

Professional website management system is for creation, support and development of the internet resources of any type and level of complexity, owns flexible scalable architecture and provides all necessary tools for efficient control of internet resources.

RBC MyIntranet

Simple and convenient in handling intranet system with multifunctional administrator's interface is to meet requirements of an organization which needs convenient, functional and inexpensive internal information resource.

RBC MyIntranet MOSS

Unites properties of RBC MyIntranet to solve tasks of intra-corporate PR and communications with the possibilities of MS SharePoint platform to organize teamwork in activities including documents and information retrieval.

RBC Report

The system of registration of labor resources lets to control an employee or a division workload to track labor resources degree of involvement into projects as well as to analyze their cost.

Website ring

Solution designated to develop and support several websites controlled with one administrator's interface and with being used single database.

RBC E-Commerce

Solution to develop electronic commerce systems (internet shops) on the basis of RBC Contents platform.

"Internet-representatives of Moscow Kremlin Museums are specially created for those who currently have no possibility to see with own eyes the unique architectural ensemble. Armada (RBC Soft) excellently coped with this task, and we together managed to open door to the world treasury, the cultural, state and spiritual center of Russia"

E. I. Gagarina, General Director of Moscow Kremlin Museums

INTERNET BASED SOLUTIONS (WEBSITES)

EXAMPLES OF PROJECTS

- **Ministry of Finance of Russian Federation:** a large scale work undertaken to re-engineer website of the Ministry in a ring of four websites: Ministry of Finance and sub-Ministry organizations. The new resource, first of all, is targeted to inform vast population. It is featured with the usage convenience, easy for understanding structure and simplicity in navigation.
- **Moscow City Government:** “Portal for children” is to provide specialized information and services for children of both pres-school and school ages as well as for their parents and for specialists working with children. The portal consists of three large sections: for pre-schoolchildren, for school-children and for parents.
- **Raiffeisen bank:** a ring of websites consists in total of 47 websites: one main website and 46 websites belonging to regional branches of different regions of Russia.
- **Russian Public Library:** is the largest repository of electronic books in Russia (as an analogue of Google with Library of Congress in USA).

In 2009, the Armada has completed and successfully launched the commercial operation of the united Internet representation of Sberbank of Russia. Internet representation combined information from all the 18 websites of regional banks in and innovative pushbutton design. In the course of the project, not only technological, but also complex organizational issues have been successfully resolved. The result is fully consistent with our expectations and we continue fruitful cooperation.

A.G. Khlyzov, Director of IT Department, Sberbank of Russia



CUSTOMIZED SOFTWARE DEVELOPMENT

DEVELOPMENT OF SPECIALIZED SYSTEMS, IMPLEMENTATION AND SUPPORT

- Armada is in the top three of all software Russian developers according to the rating (Expert Rating Agency, 2009)
- automation of unique processes, electronic document systems, accounting
- integration with information systems
- upgrading of existing systems
- re-engineering of business processes

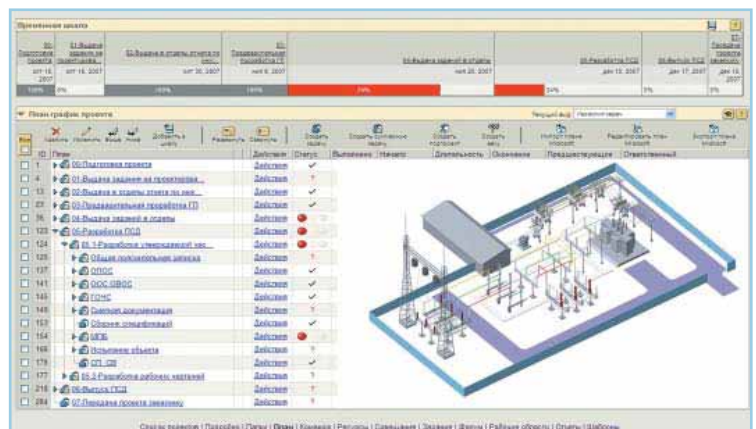
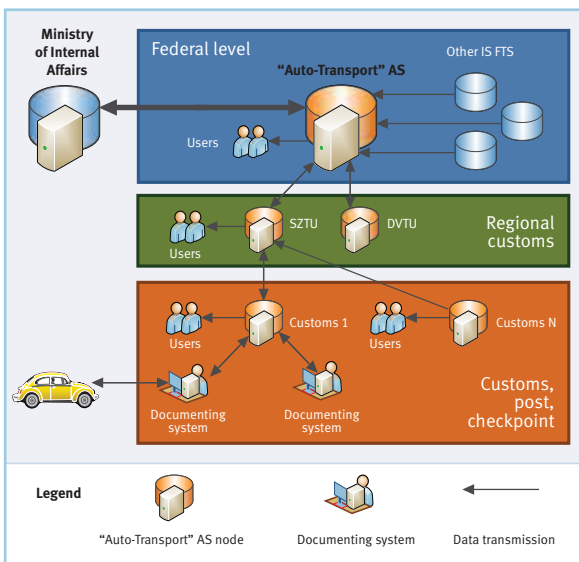
The specialization of Armada (ARMADA SOFT) is in large-scale projects of territorial-distributed organizations in different industrial (public departmental) activities: state structures, vertically integrated holdings, large companies. Armada offers its Customers the complete cycle of works in creation of IT solutions: from re-engineering to business processes, collecting data of needs on automation and selecting technological platform for development, implementation of the system and offering technical support with following upgrading.

“Roslesinfor” with great satisfaction stresses out high professionalism and technological culture of Armada specialists who successfully completed the project regarding the development of the information system of Federal Forestry Agency. The system integrates inspection results in area of forestry of inspecting authorities as well as development of reporting formats of inspection results and output forms of analytical results”

V. F. Fomchenkov, Deputy General Director of FGUP “Roslesinfor”

Examples of projects:

- **Federal Customs Service of Russian Federation:** information analytical system “FTS-autotransport” which provides communication exchange between central head unit and seven regional divisions (150 customs houses and 700 customs station points).
- **Federal Service of State Statistics of Russian Federation:** The system of GDP calculation of Russia Collecting of reporting is formed from more than 150 thousand enterprises of Russia, the automatic analysis of the data accordance (about 7-m indices per annum), calculation of GDP and GNP etc. Firmware systems are launched in 82 regions of Russia, training of employees has been completed and is being followed up.
- **Department of Justice of Russian Federation:** Unified state register “Normative legal acts of Russian Federation” with access to the data base in form of a public service. Automation of main processes managing the federal register of the normative legal acts of regional subjects of Russian Federation; also there is an informational and technological interaction with the interdepartmental and inter-state system of the legal information exchange, improvement in quality of information gathering and presenting of legal information.
- **VNIIST (Transneft):** Project management system to supervise projection developments on all controlling levels including top management. The system can flexibly adapt to business processes of various enterprises of the holding.



HR DEVELOPMENT MANAGEMENT

QUALIFICATIONS AND TRAINING MANAGEMENT

- quantitative and qualitative competency registering (knowledge, skills and abilities)
- automation of carrying out of attestations, qualifying tests
- distant training and testing
- preparation of labor reserve
- international standards: SCORM, AICC, IMS QTI, IMS CP.

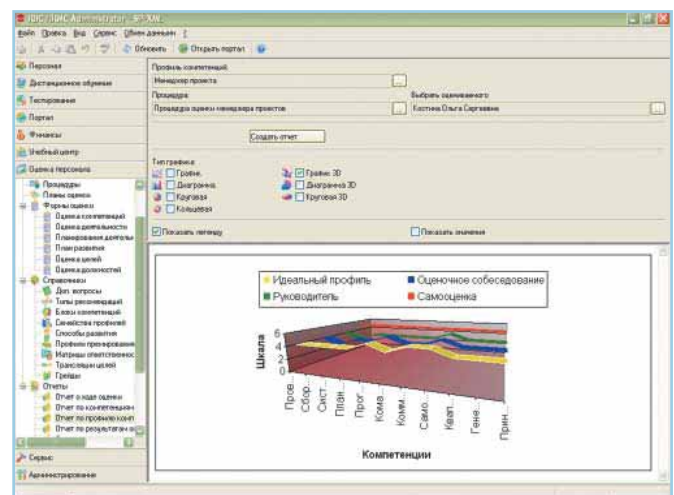
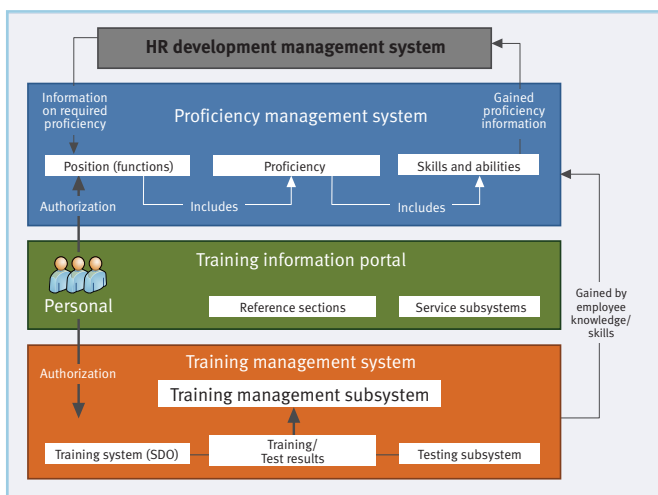
“HR development management” system automates control procedures with attestations, qualification examinations and training of personnel complying with laws of acting Russian legislation (79-F3). Automates control of the labor force, electronic HR documentation, personalized registration with minimal labor costs and provides integrated security of personal data base.

“When the automated system of the personnel development is developed at high quality level in line with strategic goals of organization, it helps personnel to interact better, to study faster and to work more efficiently”

A. V. Kononenko, Deputy Director of Institute of higher and professional education RAGS

Examples of projects:

- **Ministry of Finance of Russian Federation:** “Distance Training System” is technological-ly arranging large-scale training programs to improve qualification of personnel dealing with social finances in regional subjects and municipalities of Russian Federation. The training courses were attended by more than 20 000 state employees.
- **Ministry of Telecommunications and Mass Communications of Russian Federation:** Information system of controlling and planning of the personnel professional development in ministry and its departments of executive authority. System automates processes of HR assessment envisaged by legislation (attestation, qualification test, competitive selection), actualizes personnel monitoring and planning of the professional development of state employees.
- **Federal Service of State Statistics of Russian Federation:** establishing of 7 training centers in regions of Russian Federation as well as establishing of unified information educational environment with the centralized access to the training courses of distant training in Federal Service.



E-PROCUREMENT SYSTEMS

AUTOMATION OF STATE AND COMMERCIAL PURCHASING

- up to 15-20% of saving upon placing of order
- rational planning of purchases
- collecting information about market prices
- automation of everyday purchasing procedures
- 30% of electronic public purchases in Russia are automated

Software product “Goszakupki” developed by Unified Commercial Systems company (ETS, part of GK Armada) and is supplied in two basic configurations: there is a system “Goszakupki” for the purchase procedure in state-owned organizations, and a version of “eTrade” is for purchase processes in commercial enterprise.

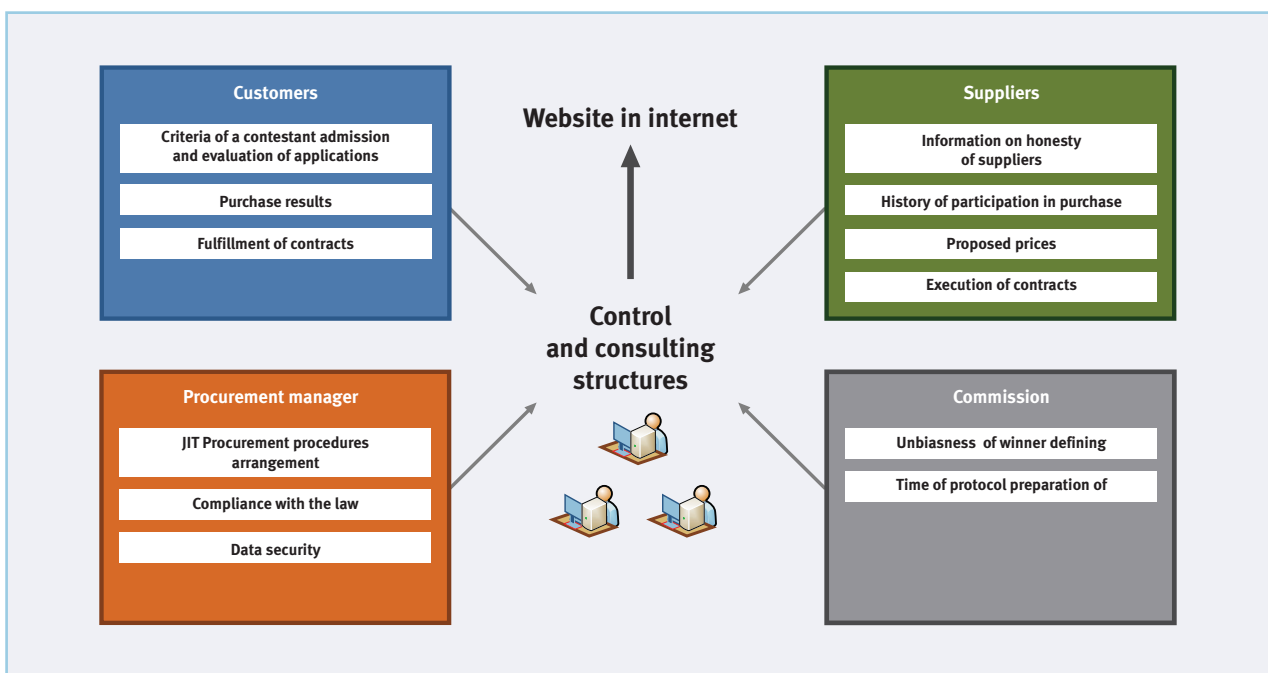
Armada fulfils the complete cycle of activities to implement the system: installation, additional adjusting of software, putting into operation, accompanying and upgrading.

Examples of projects:

- **Gazprom:** electronic trade place, complying with Russian legislation in respect to state purchases and maintaining all envisaged by law methods of placing of orders: competition, auction, auction in electronic form, enquiry of quotes.
- **Amurmetall, Mechel:** automated electronic system for purchasing of goods and services. Automation of business processes of purchases put in the basis of electronic commercial site, lets to purchase goods and services with the most advantageous for enterprises conditions: With minimal risks, guaranteed quality, and mutually agreed prices.
- **Belgorodski region:** implementation of “Goszakupki” solution for regional public purchases allowed to raise of transparency of bidding, to conduct permanent control over arranging of bidding and spending of budgetary funds, to provide the unified interdepartmental coordination of purchases, to create equal conditions of competition for the participants of bidding, to reduce number of disorders caused by participants during purchases.

“Development of the automated system of regional state purchases allowed to increase transparency of bidding, to have permanent control over bidding and expenditures of budgetary funds, to ensure unified interdepartmental purchase coordination”

G. Bondarev, the Deputy Head of the apparatus of governor Belgorodskaya area



ELECTRONIC LIBRARY

REMOTE ACCESS TO THE RESOURCES OF THE LARGEST LIBRARIES OF RUSSIA

- virtual reading halls
- automation of library activities
- observance of author rights
- electronic interlibrary exchange
- efficient search by bibliography and contents

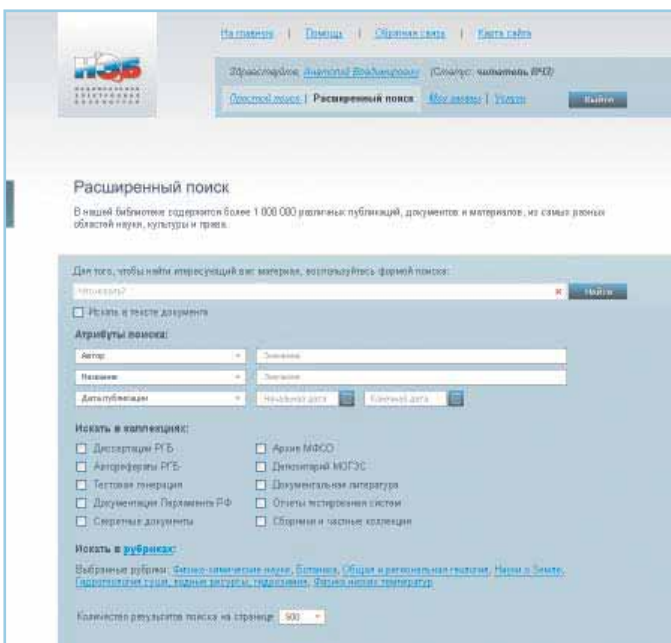
This is an unique solution on Russian market which is implemented for the largest libraries of country. System stores digitalized copies of documents, allows to perform searching by the requisites of documents and morphological search by complete text highlighting words from research enquiry. Besides there is the possibility of organizing of the work of virtual reading halls. Armada owns turn-key product and methodology of its implementation.

Examples of projects:

- **Russian Public Library:** Creation of Local Electronic Library (LEB). The project unites more than 264 000 dissertation theses. The cumulative volume of the storage of this project composes about 2,5 Tb. LEB is accommodated with the powerful system of search. It allows user quickly find necessary document, even if it owns fragmentary information on its title, contents and other items. After the end of development of LEB Armada embarked upon the development of National Electronic Library (NEB) which is a central node of access to electronic documents incorporated in LEBs.
- **Parliamentary Library of State Duma of Russian Federation:** Development of Parliamentary Electronic Library (PEB) for Apparatus of State Duma of Russian Federation. This project has different architecture comparing with Lenin's State Library but performs similar tasks, and besides it, aside from traditional documents for libraries, PEB is has facilities to store and visualize acoustic files, images, video content, digest presses and other formats of information storage suitable for an user.

"We express gratitude for your cooperation in the creation of the Information portal of school libraries of Russia. This portal is to become a high-efficiency tool allowing creating of unified information environment teaming up more than 60 thousand school libraries in Russia and will help to solve effectively important inner questions, and also to carry out interaction with foreign partners"

T. Zhukova, President of Russian School Library Association (RSHBA)



REGIONAL ELECTRONIC GOVERNMENT

Model solutions ready for implementation

- regional integrated information system “public services”
- photo-video capturing system of administrative violations in the region
- regional statistical system
- situation center for regional monitoring
- regional system for the Control and Supervision in Education

Armada Company offers development and implementation of systems to ensure activities of public authorities necessary for effective information support of political, social and economic problems of the region, taking into account the fundamental features of regional governance system.

1. Regional Integrated Information System “public services” (RKIS PG) Benefits of implementation:

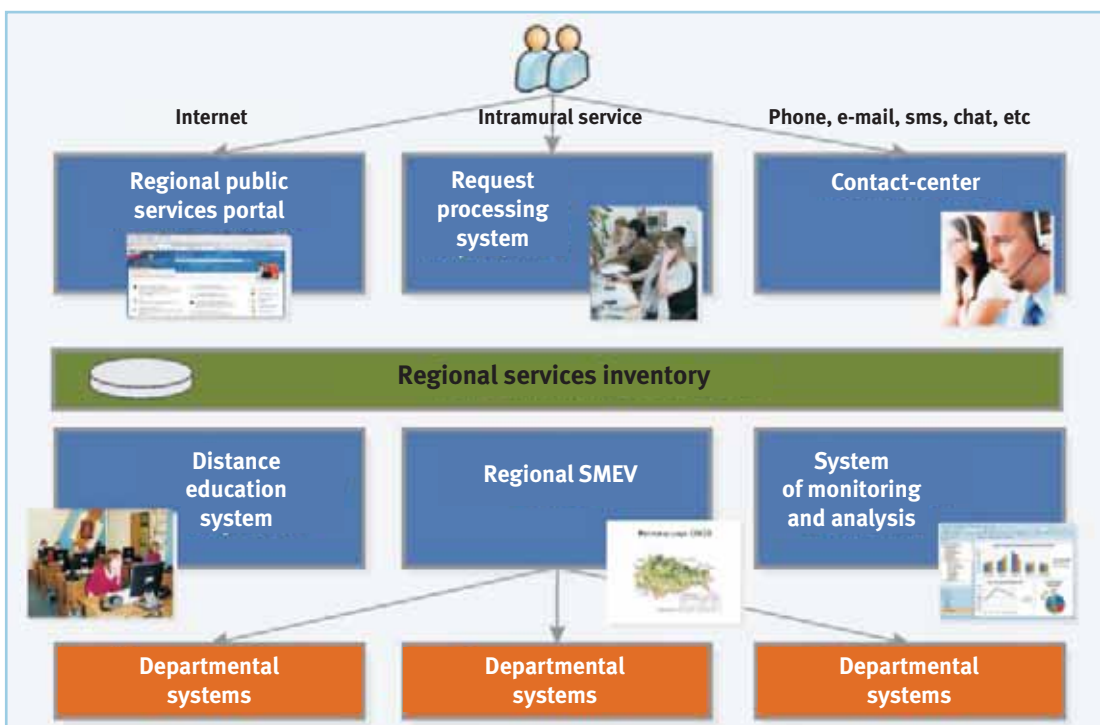
- implementation of the Russian President’s policy for the transition to electronic public services delivery
- full implementation of commitments under the RF Government Order
- N 1993-r “On Approval of the consolidated list of priority state and municipal services provided in electronic form”
- improving efficiency and quality of public service delivery;
- reduction in the number of documents and time required of applicants for public service delivery by 30-80%
- reduction of the time spent by regional state authorities and regional organizations for the provision of public services by 20-50%
- cost reduction for ownership of regional information systems and resources by 20-30%
- integration with federal systems, including the federal Public Services portal

“The number of citizens applying to the authorities for these or other services in our country, poured in a round figure of 360 million hits. This means that every adult citizen of the Russian Federation calls for these or other services to state authorities for three-four times a year, and experiencing the so-called delights of our governmental offices “

V.V. Putin, Russian Prime Minister

RKIS SU consists of:

- regional public services portal
- regional system of electronic interaction
- automation system of regulations for public service delivery
- Regional Contact Center, the system processing the applicant’s requests
- distance education system for employees of state authorities
- system monitoring and control of public service delivery processes in the region



REGIONAL ELECTRONIC GOVERNMENT

Model solutions ready for implementation

2. Photo-video capturing system of administrative violations in the region

Creation and implementation of an automated photo-video capturing system of administrative violations is one of the most pressing problems for providing road safety, reducing the number of accidents and road fatalities. Armada offers implementation and operation of a typical solution for photo-video violation capturing either through the budget, or in the form of public-private partnership that does not require an initial investment from the region and provides additional replenishment of local budgets by increasing the collection of monetary penalties.

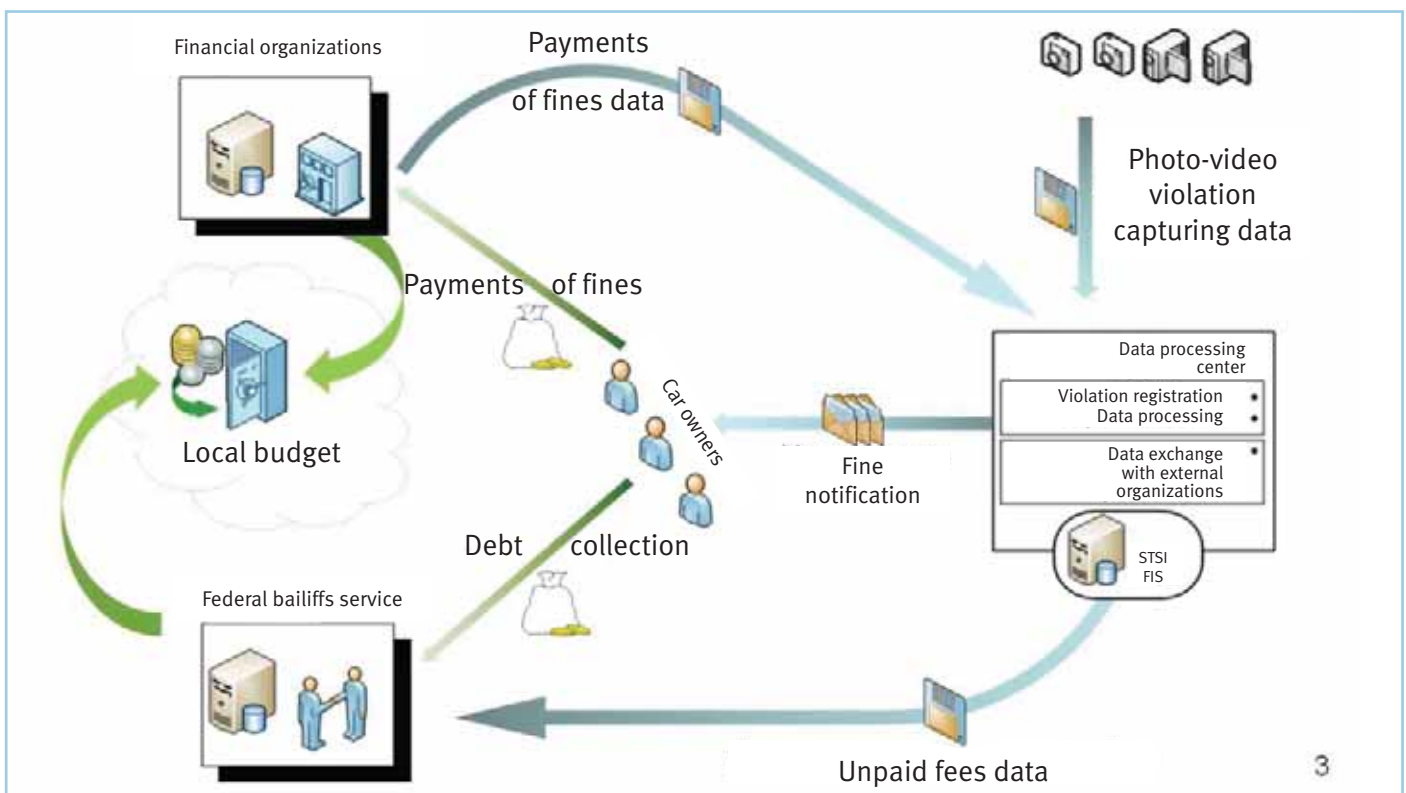
The system will automate the entire production cycle: Violation registration – Fine billing - Notification of the offender – Payment control - receipt of fines to the budget – Referral the case to bailiffs to collect the fine from debtors - Data for the compilation of statistical indicators.

Advantages of the modal solution:

- **reducing the number of accidents and traffic accidents:** According to the EU statistics, in the places where such systems installed, a decrease in speed violations falls down by 70%, and the number of deaths in road accidents by 31%
- **standardization** of document formats, interfaces and data exchange formats and their storage at all levels allows to avoid incompatibility and irreducibility of local solutions
- **scalability:** since all the traffic violations have similar technological cycle, the application of the model solution can be expanded to control all the types of violations
- **additional revenue:** the total amount of fines in the region only for speed violations can make about 0,2-1,5 bln a year. That can be returned to the local budget

“In places where the devices of photo-video capturing for speed violations are installed, the number of traffic violations is considerable - almost by 3-4 times - reduced, since the drivers do not exceed speed there anymore. And it is speed violation that causes most road accidents. In 2009, by the means of photo-video capturing there was recorded about 1.5 million traffic violations”

VN Kiryanov, Head DOBDD Ministry of Interior, Chief Inspector of Road Safety of the Russian Federation



REGIONAL ELECTRONIC GOVERNMENT

Model solutions ready for implementation

3. Unified regional statistic system (URSS)

URSS is a unified information space for the regional statistical information resources.

URSS is closely integrated with the federal Uniform Interagency Information and Statistical System (UIISS), is a regional segment of UIISS and constructed using the same technological and methodological principles (Government Decree from May 26, 2010 N 367 “On a unified inter-agency statistical information system”).

Objectives for the URSS establishment of Russian Federation subjects are:

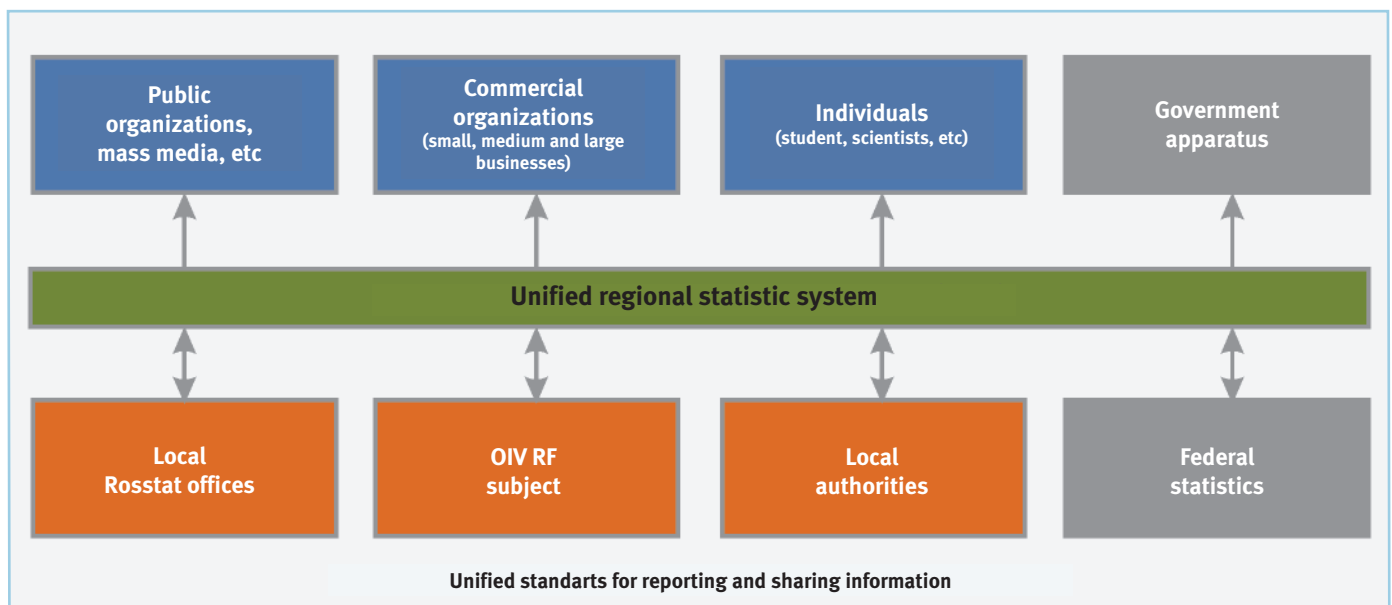
- integration of regional statistical information resources and the creation of a unified, integrated statistical resource of the Russian Federation subject
- providing all the customer groups (government organization entities, citizens of the Russian Federation), with convenient and advanced search and navigation engine for the efficient provision of statistical data

Advantages of URSS implementation in the subject of the Russian Federation:

- ensuring the provision of electronic public services (Government Decree № 1555) in terms of providing
- statistical and other information in electronic form
- the subject of the Russian Federation will receive a unified, centralized source of accurate and high-quality information for both information-analytical systems, government authorities of the Russian Federation subjects, and government systems at the federal level
- URSS will allow to automatically monitor the targets and indicators reflecting the socio-economic situation of the subject of the Russian Federation – in its individual areas as well as in the whole.
- unified storage of information in URSS can automatically carry out a comprehensive analysis of the information to forecast the development of different directions

“We express our gratitude to your company for long-term cooperation and contribution to the development of IT in the integration of information resources and dissemination of statistical information. Report of “Armada” experts at a conference in Eurostat and experience of using international SDMX standard in UIISS, aroused great interest of foreign colleagues, and may open new perspectives for international cooperation in the exchange of statistical information”.

K.E. Laikam, the deputy head of the Federal State Statistics Service



REGIONAL ELECTRONIC GOVERNMENT

Model solutions ready for implementation

4. Situation Centre for Regional Monitoring

In order to effectively solve problems in the management, planning, monitoring, reporting, coordination and risk management for the entire set of regional programs, we propose creation of “The Situation Centre for Regional monitoring” system. The system was developed in close cooperation with federal executive authorities, intended for use by senior management, and it provides: visualization and monitoring the flow of information, analysis of the current situation (reports, calculations, figures, etc.), modeling and forecasting of possible developments.

The system meets the highest standards of quality and supports all the modern methods of data analysis and visualization.

Creating a Situation Center will automate the solution of such problems as:

- analysis of the main activities and the development of an indication system for the region
- creating infrastructure of information support for senior managers of the region
- providing managers with complete, accurate and timely information related to the interests of individual managers, including:
 - monitoring the effectiveness of implementation of the target of federal and regional projects
 - monitoring the effectiveness of resources
 - media monitoring and analysis of the references to events
 - monitoring and operational cost analysis of budget funds, the visual control over cash flow
 - monitoring the performance of the operating activities of regional authorities
- conducting operational meetings with the use of mobile technology

5. Developing the concept and list of activities to develop electronic Government in the region

We are ready to develop the project of concept and all the necessary regulatory documents to form a regional program of informatization and create E-government in the region. Armada has considerable experience in this area and has performed such works for the Moscow City Government and a number of federal executive authorities.

“Federal State Unitary Enterprise “Scientific Research Center “Center” points out excellence and competence of the experts of the “Armada” (RBC Soft), which successfully completed a project on creating an adaptive client package of information services to members of the unified Information System industry. The system allows to provide support for gathering information on indicators of the status and activities of industrial enterprises of Industry and Trade Ministry of Russia using public networks on the basis of the portal solution “

O.A. Petukhov, deputy director-manager TSFNR



PROJECT AND PORTFOLIO MANAGEMENT

CONSULTING AND OUTSOURCING OF PROJECT MANAGEMENT

- professional management of measures of goal programs
- methodology of control according to PMI PMBOK®
- deployment of projection office
- implementation of corporate management systems
- 1st place in Russia in number of professional managers controlling projects

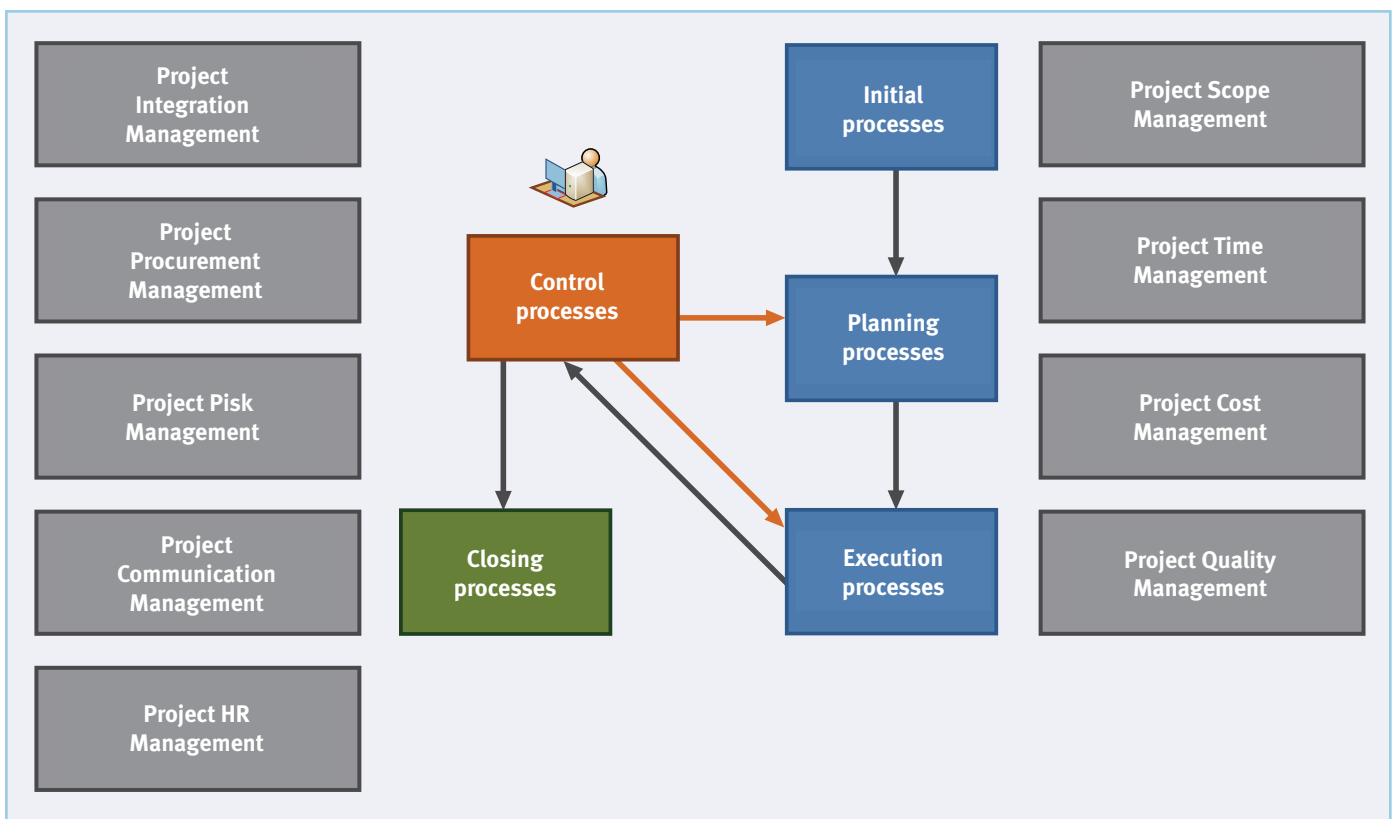
Armada offers its customers the services of outsourcing of projects and programs management that consist of the absolute reassignment of projects to the professional management of Armada specialists (PM Expert). The service ensures timely realization of projects within budget constraints and with proper quality. In the field of external management projects Armada (PM Expert) holds 1st place in Russia thanks to the largest team of professional project managers (approximately 40 experts, each PMP certified).

“We would like to express our gratitude to Armada for efficient and professional cooperation in the process the adaptations of management system of organizational projection”

E. B. Naumov, 1st Deputy Director FGUP “Situation Center” of the Russian Federation Nuclear Energy Ministry

Examples of projects:

- **Federal Service of State Statistics of Russian Federation:** outsourcing of external management within execution of the first stage of federal goal program “Development of the state statistics of Russia in 2007-2011”. Besides Federal Service of State Statistics the program involved 9 main ministries and more than 30 specialized organizations.
- **FGS Unified Electric Systems of Russia:** external management services with creation of the system of the commercial registration of electric energy as well as management with projection, reconstruction and installation of equipment in more than 80 regions of Russian Federation.
- **Toyota Motor Russia:** realization more than 35 outsourcing based projects, including three projects of automation of financial planning and controlling, five projects of development of accounting-storage system, a project of implementation of new logistics scheme of car transportation etc.
- **Rosneft Oil company:** development of methodology of portfolio project management.



IT CONSULTING

INFORMATION SYSTEMS' DESIGN

- IT systems auditing, IT infrastructure expertise
- development of IT strategy in organization development
- information system re-engineering
- optimization of expenditures during realization of IT tasks
- compliance with standards COBIT, ITIL, GOST-34.601-90

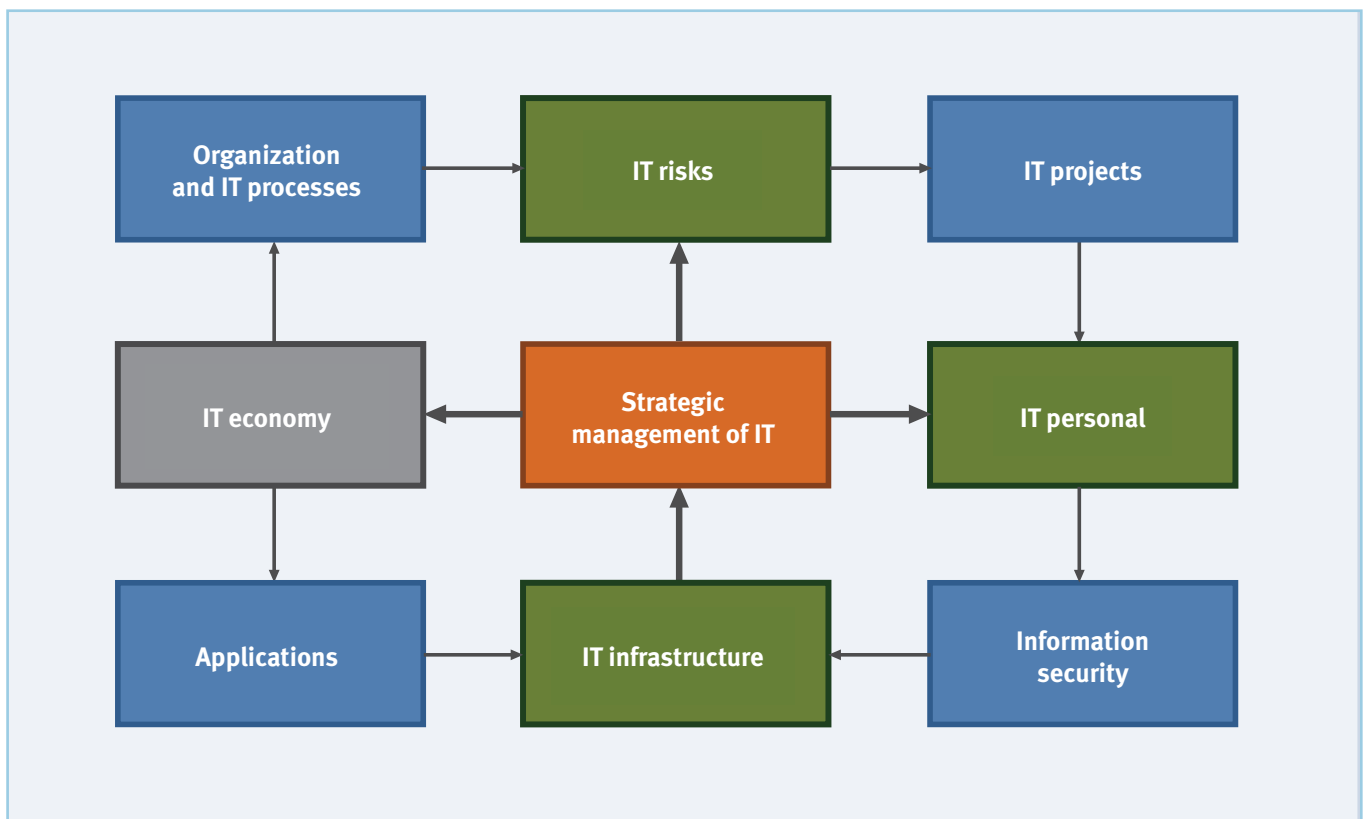
Qualitative design of IT systems secures least risks of discrepancies that could arise as a result of inconformity of developed solutions against initially set goals. Armada offers its Customers consultancy services in the field of development of software and infrastructures, data collecting, storage and processing methodologies, IT budget controlling.

“Department of document control of the Ministry of Foreign Affairs of Russian Federation with underlines high professionalism and the technological culture of consultants of Armada (RBK SOFT)”

Golubkov, Director of the department of document control Ministry of Foreign Affairs of Russian Federation

Examples of projects:

- **Ministry of Agriculture of Russian Federation (Minselkhoz):** Conception of “Public IT in agriculture” system. It will include state information resources of controlling agricultural manufacturing and regulation of agricultural production markets, raw materials and food stuffs.
- **Transneft company:** IT-system design for pipeline construction of “East Siberia - Pacific ocean” (VSTO).
- **Caspian Truboprovodnyi Consortium, Noyabrskneftegaz, Giprotymenneftegaz:** Design and implementation of information telecommunication systems.
- **Moscow City Government:** design and implementation of the information telecommunication system of municipal courts’ structure.



IT OUTSOURCING

OUTSOURCING OF TECHNICAL SUPPORT

- technical support (Service Desk) 24x7, service in all regions of Russia
- support of servers as well as computers and other equipment, networks and systems of telecommunications, standard and customized software
- prevention of failures, guaranteed deadline to recover system
- temporary skilled personnel for customer needs (out-staffing)
- IT infrastructure equipment rental (server hosting).

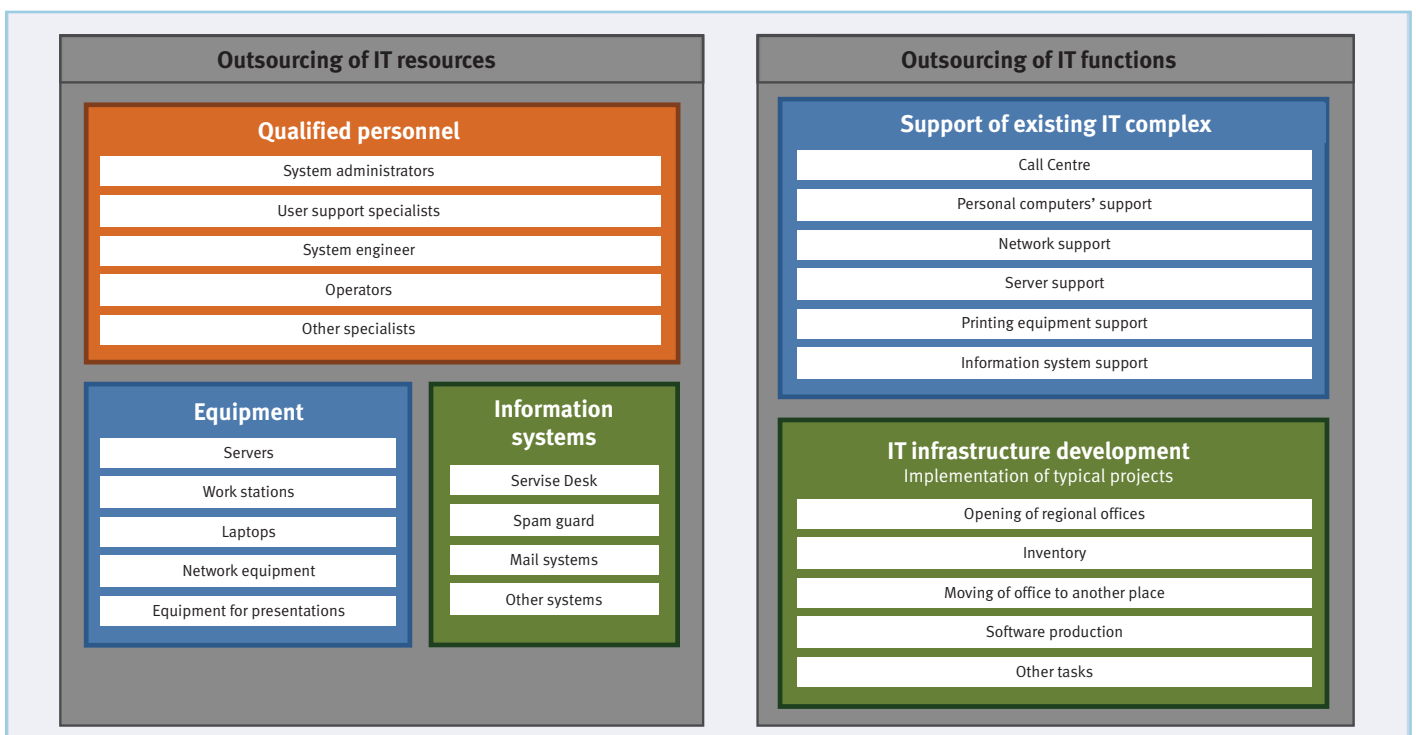
Armada offers services of outsourcing of technical support of IT infrastructure and software (maintenance of office networks and telecommunications networks of subscribers as well as of servers, software, computers and office equipment etc.) Quick response to claims of users is secured at expense of the large number of own staff and the attraction of additional resources from more than 120 authorized service centers.

“Armada project is one of the most successful outsourcing projects which were made for our company this year. Most of merits belong to Armada team working over this project. I can only advise to value and preserve the team because it has large potential and they are able to work really well and at high professional level”

I. V. Kiselev, Director of Billing department, Golden Telekom Company

Examples of projects:

- **Ministry of Finance of Russian Federation:** Already for several years Armada on principles outsourcing provides uninterrupted operation of information systems of the Ministry: Secured corporate PC network, dedicated LAN network, central node of network of departmental public special services, systems of monitoring and controlling of IT centre of Ministry, systems of data storage and internet supply. As well as installation, upgrading and servicing of overall software, e-mail systems, control databases systems, legal data bases, antiviral protection.
- **Federal Treasury of Russian Federation:** design and implementation of LAN systems for central apparatus. Offering services of maintenance of IT equipment, supporting and using software applied in Central apparatus.
- **Federal Insurance Supervision Service of Russian Federation:** implementation of systems of IP-phone in the infrastructure of the Central apparatus of the federal service. Offering services of technical support of equipment, maintenance and using software.



TRAINING

VARIOUS TRAINING COURSES, INCLUDING PMI PMBOK®

- preparation for certification PMP
- courses for software solutions of IBM, Microsoft, HP, Cisco and free source software
- training of project management
- training centers in Moscow and in other regions of Russia
- remote training system

Armada is one of the leaders of the Russian market in IT training courses while in the segment of project management training holds the 1st place (PM Expert). In the field of IT technologies trainings, Armada offers open source software, software and technology of world's vendors (IBM, Microsoft, HP, Cisco and other) courses. Company offers services in its own training centers in Moscow and in partner centers situated in various regions of Russia and CIS.

- Face-to-face corporate and open trainings, distance training, simulation business case game, basic courses of principles of software, seminars of more in-depth knowledge as well as exclusive master-classes for top management of companies.
- Training is based on international standard PMI PMBOK® including practical experience of project management by coaches and course designers. Armada (PM Expert) owns the highest status of the global provider of training (Global R.E.P.) from the Project Management Institute (USA).
- Highest partner status of IBM software (Tivoli and other).
- Training and testing with software and hardware solutions of leading IT vendors (IBM, Microsoft, HP, Cisco and other) as well as training on free source software.

“ We express our sincere appreciation and gratitude for PM Expert for preparation and arranging project management courses for leadership of regional enterprises of the holding. Training was carried out and prepared at high professional level. Another significant advantage of the training was the correct correlation of basic knowledge and practical experience. Training combined skill of trainers and urgency of given materials”

B. Chekalova, Director of HR department, “Sibur” Oil Company

Examples of projects:

- More than 80% of Top 500 Russian companies carried out the training of their personnel in PM Expert.
- During 1st stage of the federal program of implementation open source software (OSS) in Russian schools more than 2500 teachers underwent the training.



INFORMATION SECURITY

“DOME” - INTEGRATED SYSTEM FOR THE INFORMATION SECURITY AND PROTECTION OF PERSONAL DATA

- compliance with 152-FZ “On personal data”
- a unified technical solution
- informational and technical support, centralized management and monitoring
- certified solutions for FSTEK, FSB
- probability of open-source software usage

Armada offers services allowing to build the complex of Information Security System (ISS). In order to build ISS there is an assessment of the existing state of information security, carrying out consulting on architecture issues, development of the threat model, organizational and normative documentation, regulation, projection, implementation and technical support.

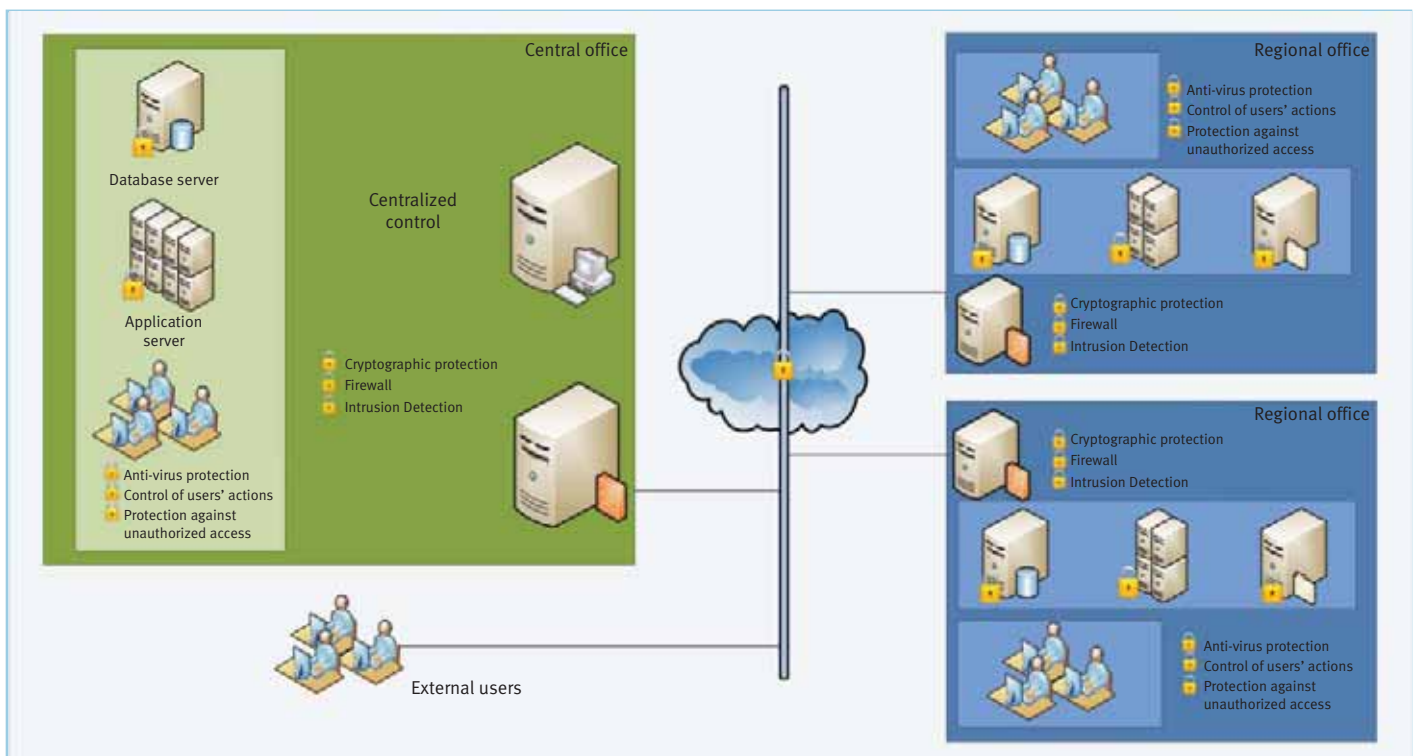
Solutions developed by Armada ensure that all the requirements of Russian legislation in the field of security of personal data and other confidential information are processed in automated informational systems, including compliance with the provisions of the 152-FZ.

“The most important issue in the development of information technologies remains security. All without exception users should be provided with the secured mode of work, and the mode which keeps hidden state, commercial or personal secret”

D. A. Medvedev, President of Russian Federation

Examples of projects:

- **Federal State Statistics Service:** A system of comprehensive protection of corporate networks of the Federal State Statistics Service in the Federal State Statistics Service LAN, LAN GCMs and regional bodies of state statistics
- **Federal Customs Service of Russian Federation:** Implementation of InfoWatch Traffic Monitor enables protection from insiders and leakages through e-mail and Internet as well as offering services of certification of this software in Federal Service for the Technical and Export Control of Russian Federation.
- **Federal Insurance Supervision Service of Russian Federation:** System to protect and control over using of same information of IT resources with the purpose of preventing of unauthorized access to classified service information in 11 objects.



ENGINEERING SYSTEMS

VARIOUS TRAINING COURSES, INCLUDING PMI PMBOK® INTELLIGENT BUILDING, TECHNICAL SECURITY

- cable networks and telecommunication systems
- system of technical security, power saving, air conditioning and dispatching
- functions of main contractor for construction, customer-developer
- technical inspecting
- guarantee service and maintenance

Armada fulfils the complete cycle of works of design, installation and servicing of engineering systems, owns all necessary licenses to perform all these works including possibility to act in capacity of a customer-developer in construction and erection works.

“Quick response and quality of service advantageously distinguishes your company in IT market”

V. P. Stefanov, Chief of Automation control, Gazenergoprom-bank

Examples of projects:

- **State Tretyakov Gallery:** centralized system of automated control of engineering equipment.
- **Ministry of Foreign Affairs of Russian Federation:** activities have currently been carried out to overhaul repair Russian foreign organizations with engineering means and security systems.
- Ministry for Civil Defense, Emergency Situations and Liquidation of Consequences of **Natural Disasters of Russian Federation:** general contractor to implement monitoring systems and forecasting of extraordinary situations and technogenic catastrophes.
- **Ministry of Finance of Russian Federation, Federal Service of State Statistics of Russian Federation, Federal Service for Supervision of Financial Budget of Russian Federation:** development of intelligent buildings.
- **Group E4:** developing comprehensive safety system

CABLE NETWORKS AND TELECOMMUNICATIONS SYSTEM

- Structured cable networks
- Automatic phone exchange stations
- Loudspeaking and telecommunications industrial systems

POWER SAVING

- Uninterrupted power supply
- Technological grounding system
- Diesel operated power generators

SECURITY MEASURES

- Video surveillance systems
- Control and access systems
- Break and fire alarm systems
- Automatic fire extinguishing systems
- Warning and evacuation guiding systems

AIR CONDITIONING AND DISPATCHING

- Air conditioning systems
- General dispatching systems

NETWORKS AND COMMUNICATION SYSTEM

TELECOMMUNICATIONS

- networks: multiservice, territorial-distributed, LVS
- IP-phone, videoconference, internet
- telecommunications system: radio, satellite etc.
- secured networks and telecommunications systems
- wireless access systems

Armada provides services of design, implementation and the technical support of complex solutions in the field the data transmissions networks and telecommunications. Company owns conforming licenses from Foreign Intelligence Service of Russian Federation, Federal Service of Security of Russian Federation, Federal Service for the Technical and Export Control of Russian Federation, Ministry of Defense of Russian Federation, Federal Agency for Industry of Russian Federation and other regulations institutions.

Solutions in the field networks and telecommunications:

- building local and territorial-distributed multiservice networks of any level, solutions in are of unified telecommunications (IP-phone, videoconference etc.).
- organizing the digital channels of communications including radio, satellite systems, wireless access systems (WiFi etc.)
- network information security including the complex of measures and technical means to protect data from unauthorized access (including complied with laws of legislation of Russian Federation)

Services:

- evaluation of network and engineering infrastructure, detection of vulnerable points in the existing network
- development of concepts and projection documentation (including, complying with standard GOST 34.xxx-xx, and etc.)
- implementation of solutions on the sites of Customer. Control of execution of projects, role of general contractor and customer-developer in the process of the executions of work
- guarantee service and maintenance service of realized solutions
- offering the complete range of services in area of network technologies to make projection and realize of projects in all lifecycle stages

Examples of projects:

- **Ministry of Finance of Russian Federation:** data transmission secured network consisting of 90 regional treasury centers.
- **Federal Service of State Statistics of Russian Federation:** development of network infrastructure of state statistics territorial structures in 78 regions.
- **Ministry of Foreign Affairs of Russian Federation:** secured network of data transmission in Russia foreign organizations.
- **FGS Unified Electric Systems of Russia:** network and telecommunications systems within the project of creation of the automated system of registration of electric power AIISKUE.

“Federal Agency for Industry expresses gratitude for qualitative performing of contract of development and installation of LAN of the central apparatus of agency. In the process the execution of the contract your company proved itself as reliable and high qualified IT solutions supplier”

V. P. Morozov, Chief of Department of document control of the of Federal Agency for Industry

DATA PROCESSING CENTERS

DATA STORAGE SYSTEMS

- dynamic DPC, virtualization - distributed calculations
- server based calculation platforms, cluster systems
- infrastructure of access to disk arrays of storage and archive systems
- reservation centers
- systems of guaranteed power supply, room climate support, fire alarm and fire extinguishing etc.

Computational infrastructure includes all computers which are used by Customer in the organization. The system kernel is data processing center (DPS). Quality of the projection of system on the whole influences reliability and the accessibility of information services. Armada offers its Customers a full-value complex of services in area of information infrastructure building including guarantee service and maintenance commitments for its support.

Examples of projects:

- **Ministry of Finance of Russian Federation:** Natural disaster-proof solutions for the data storage system.
- **Federal Service of State Statistics of Russian Federation:** Modernization of the information computational system existing in 78 territorial departments of Federal Service of State Statistics ensured conditions for operative data collection and communication as well as there are considerably enlarged volumes of data storage without any loss of the access speed, there is built a reliable dynamic highly performing platform for carrying out existing and projected task applications.
- **Ministry of Internal Affairs of Russian Federation:** More than 1700 specialized automotive workplaces, extended 5 years guarantee service.

“The main center of providing resources within Ministry of Internal Affairs of Russian Federation expresses gratitude for distinct organizing and properly fulfilled work regarding supply of the facilities of computational machines for Ministry of Internal Affairs of Russian Federation”

A. Smolin, Chief, Main Resource Supply Center of Ministry of Internal Affairs of Russian Federation



CONTACT INFORMATION

Armada group of companies

Head quarter:

Address: 5-th Donskoy proezd, 15, b.6, Moscow, Russia, 119334

Tel: +7 (495) 797-6020

Fax: +7 (495) 797-6021

Website: www.armadaitgroup.com

E-mail: it@armd.ru

Network of authorized service centers in Russian Federation:



HELIOS IT-SOLUTIONS

Address: 5-th Donskoy proezd, 15, b.9, fl.4,
Moscow, Russia, 119334

Tel: +7 (499) 929-8101, +7 (495) 721-8101

Fax: +7 (499) 929-0374

Website: www.hbc.ru

E-Mail: info@hbc.ru

PM Expert

Address: Kalanchevskaya str, 15,
Moscow, Russia, 107078

Tel: +7 (495) 981-5705

Fax: +7 (495) 981-5705

Website: www.pmexpert.ru

E-mail: info@pmexpert.ru

Post Modern Technology (PMT)

Address: 16, bld. 4.,
st. Malaya Dmitrovka, Moscow, 127006

Phone: +7 495 780-6051

Website: www.postmodern.ru

E-mail: pmt@pmttech.ru

Soyuzinfom

Address: Vyatskaya str, 11, b.27,
Moscow, Russia, 127015

Tel: +7 (495) 745-7131

Fax: +7 (495) 745-7141

Website: www.sojuz.info

E-mail: postmaster@sojuz.info

ARMADA

119334, Moscow
5-th Donskoy proezd, 15, b.6
+7 (495) 797-6020
www.armadaitgroup.com
it@armd.ru