



"Public Sector Audit and New Information Technologies"
Suzdal, 16-17 may 2013

«Practical examples of using IT-Technologies in Accounts Chamber of Vladimir Region activities»

Artem Manov

The Deputy of Chairman of the Accounts Chamber of Vladimir Region

EURORAI Crganization of Regional Audit Institutions

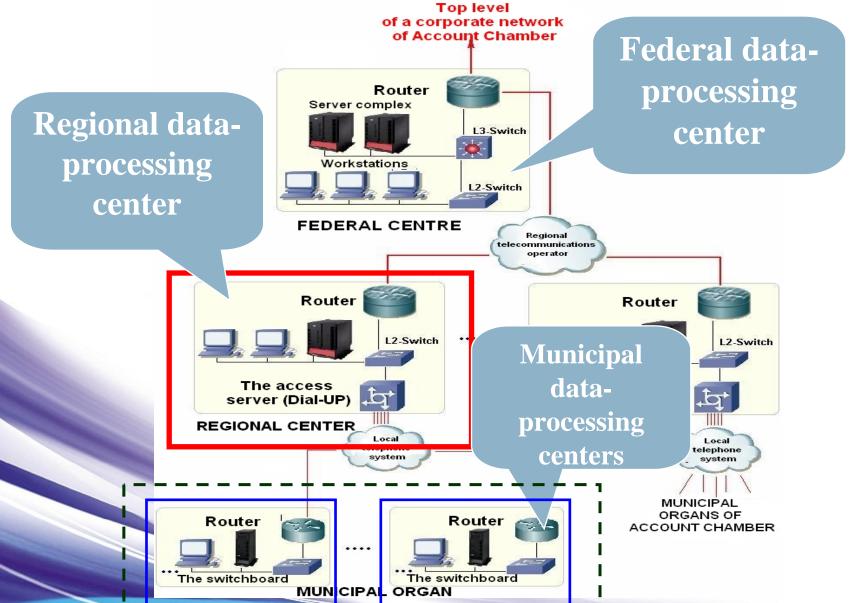


International Seminar

- Today dominance of information component activity of people over all its other forms and components is obvious.
- The word "information" acquired magic value.
- The modern information technologies a motive power of world economic and technological development.
- The task of organs of financial control not to lag behind, march in step with happening changes.
- Experience shows optimization of procedures of financial control probably only through the uniform information-analytical system, having access to the information on financial and economic activity of all authorities, municipal unions, the enterprises, establishments and the organizations.







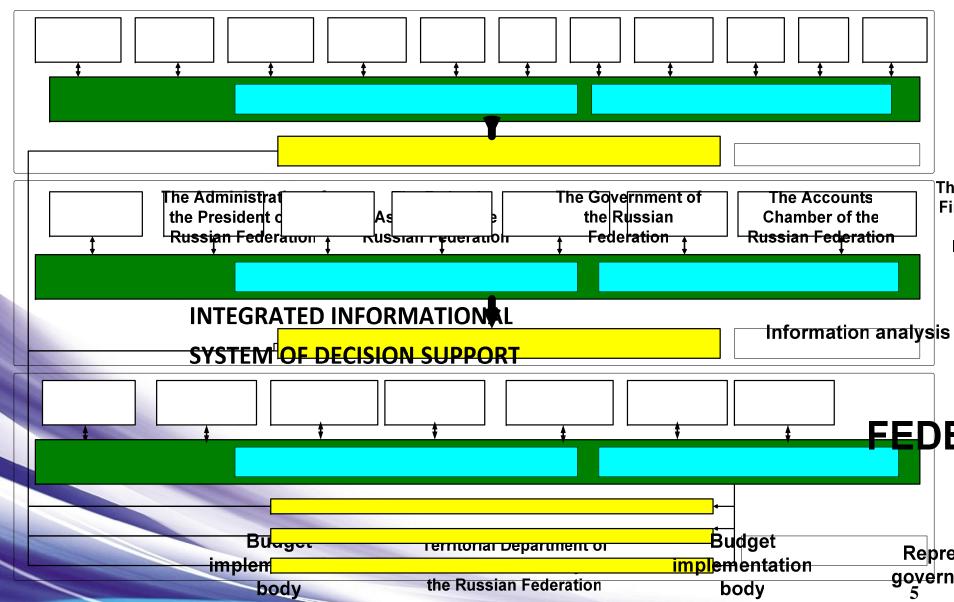




- 1. To finish the monitoring system to each municipal union.
- 2. To provide the registration and the analysis of an escalating amount of the data.
- Allowed to provide equally high quality and standards of the state financial audit.











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- Information systems of authorities become independently from each other.
- Operations are repeatedly doubled and budgetary funds, but the majority of databases unavail for the mass user are spent too much.
- The Account Chamber of Vladimir region directed efforts to creation of the information system uniting all these information resources.
- Main objective of creation of regional informationanalytical system of public financial control (RIAS) increase of its efficiency by selection of the information for acceptance of administrative decisions which should provide achievement of the purposes and the end results in social and economic development of region for the purpose of improvement of quality of life of citizens.

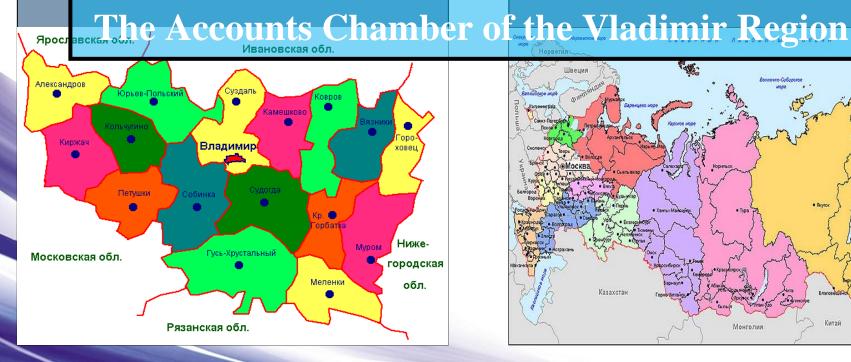




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Regional information analysis system of external financial control

Federal information system of financial control









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Regional Information analysis system Of external financial control Figure 1 and 1

High speed of operation

Support of classifier multiplicity

Quick installation for RAIs of each level

Multiuser operation

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Characteristics

Comparison of any digital data

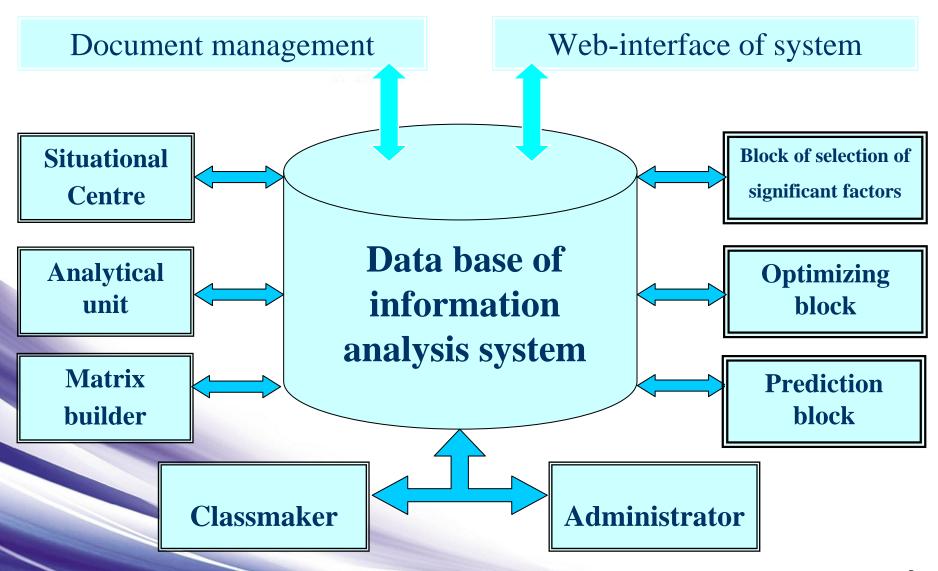
Usage of cards

Integrated prediction system

Integrated system of document management









Файл Вид Операции Редактировать Помощь

0218010000 2.16.1.Телевидение и радиовещание 0218020000 2.16.2.Периодическая печать

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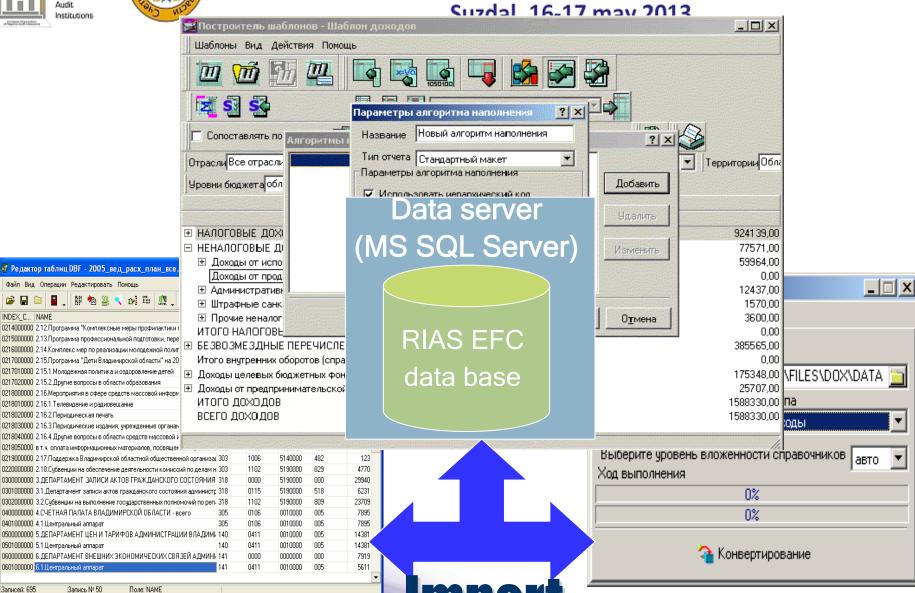
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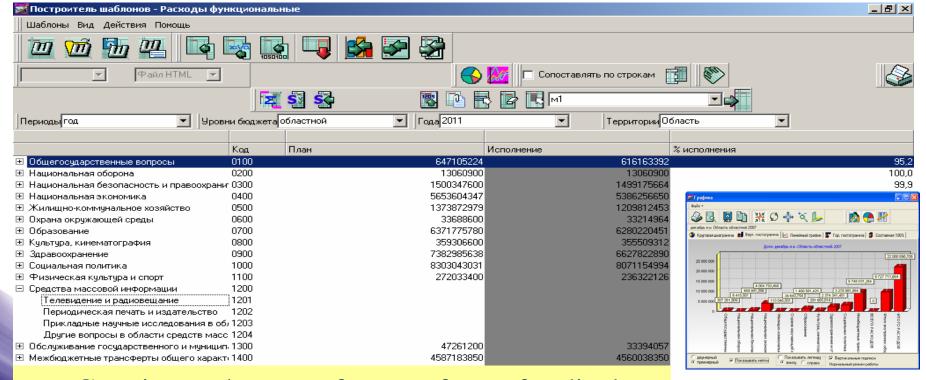


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- The second level of Regional information-analytical system (RIAS) with what experts (inspection and auditor composition) work are special supplements: analytical and situation-dependent units, forecasting system, and also decision support units.
- In a software solution functions of calculation of deviations, shares, % with usage of dynamic set formulas, with selection by color and a font of the values satisfying to certain conditions are implemented. The software solution carries out the complex analysis of the budget and detection of violations of the budgetary legislation.







- Creation and usage of screen forms for display of the data, comparison of the data and the preliminary analysis
- Data input in system
- Creation of graphic and printed reports

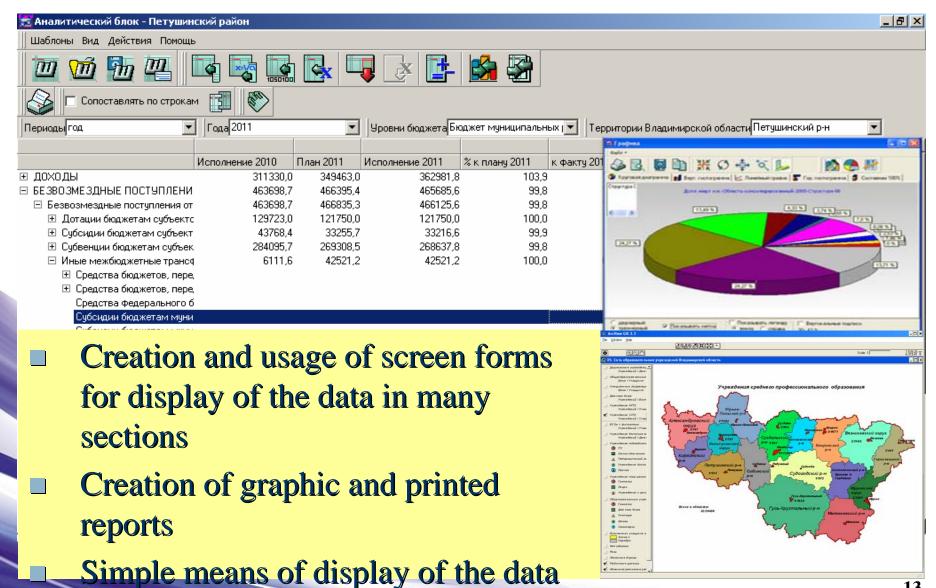






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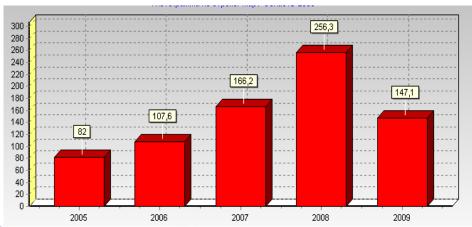




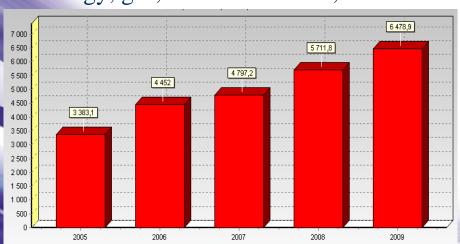


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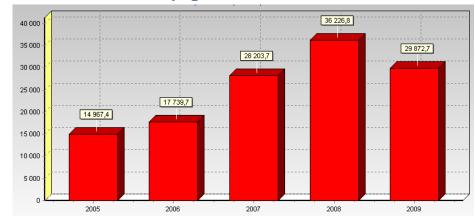
Mineral resource extraction, mln. rub.



Generation and distribution of electrical energy, gas, steam and water, mln. rub.



Secondary production, mln. rub.

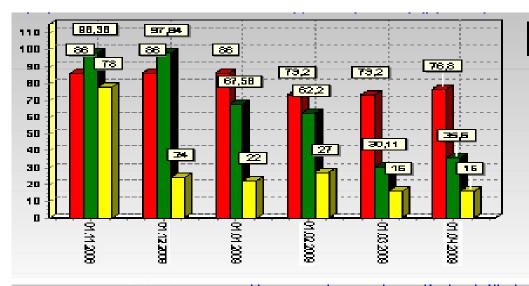


Retail turnover, mln. rub.



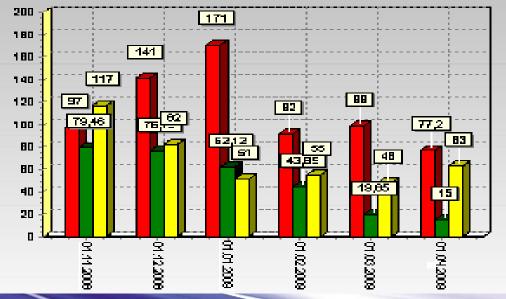


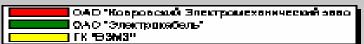






Process utilizations (%, up to September, 2008)

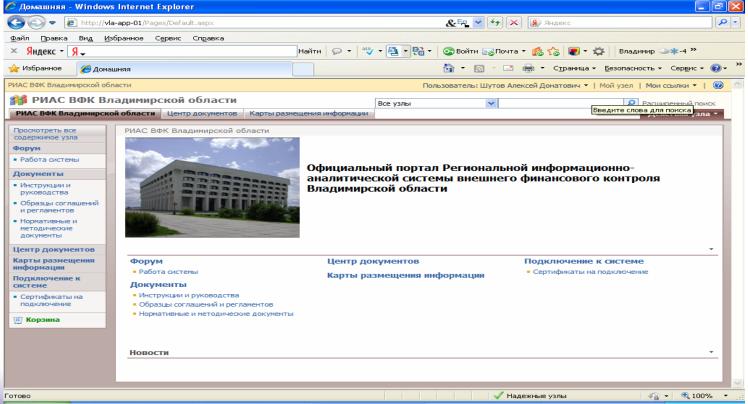


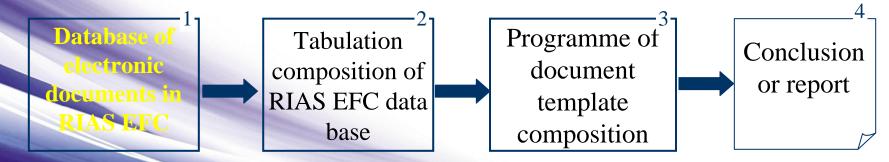


Dynamicity of product demand (%, up to September, 2008)



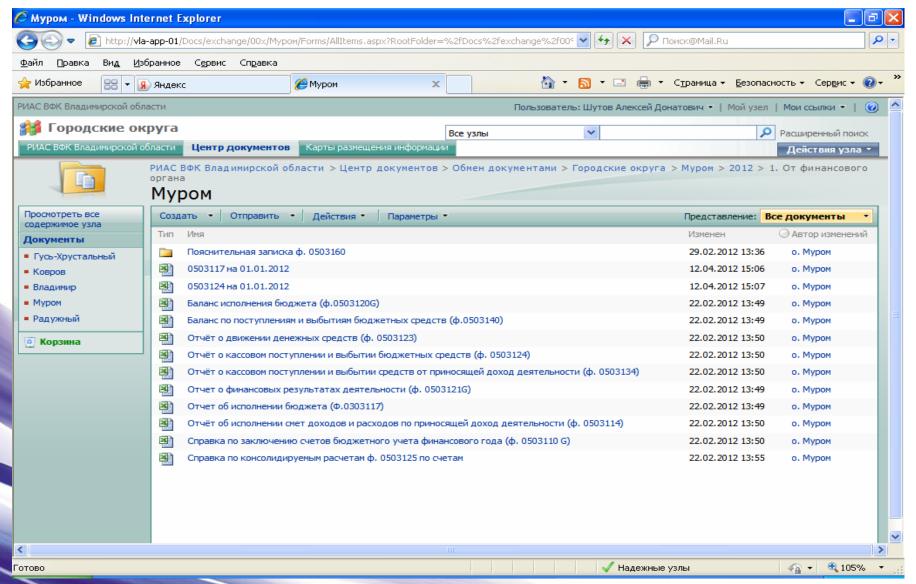






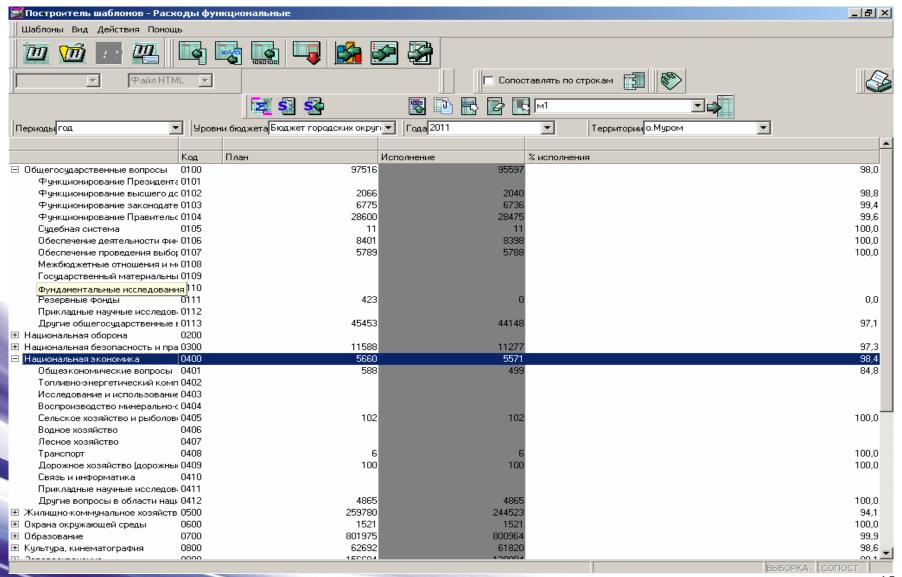






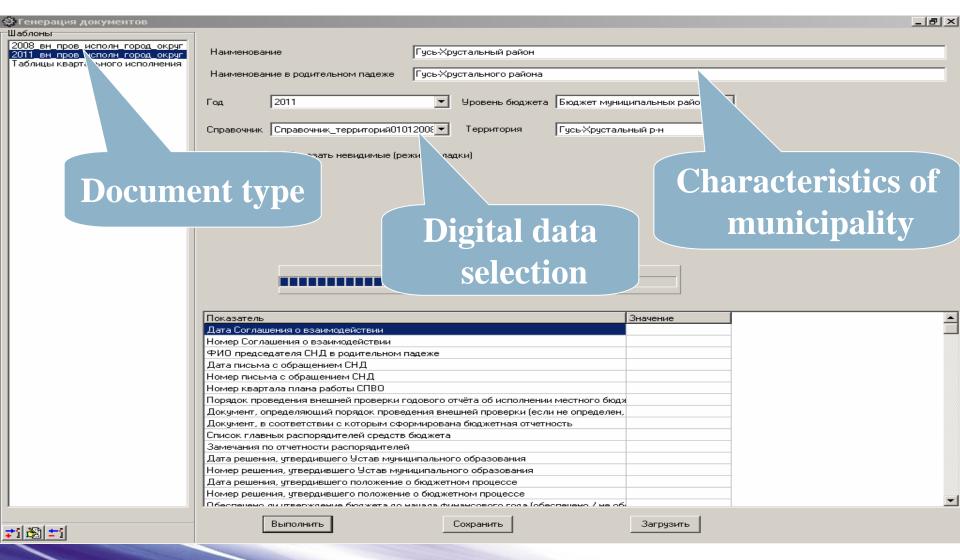
















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The example of the document

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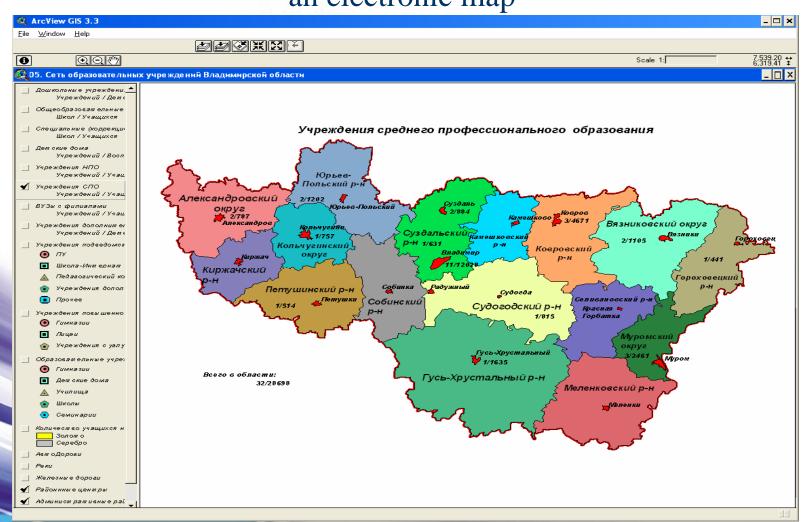
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The situation-dependent unit allows to display and detail the data on an electronic map

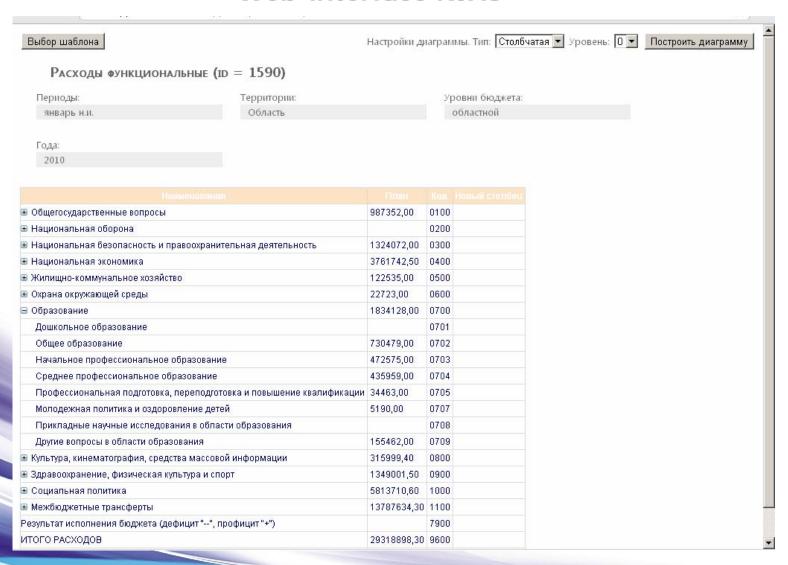






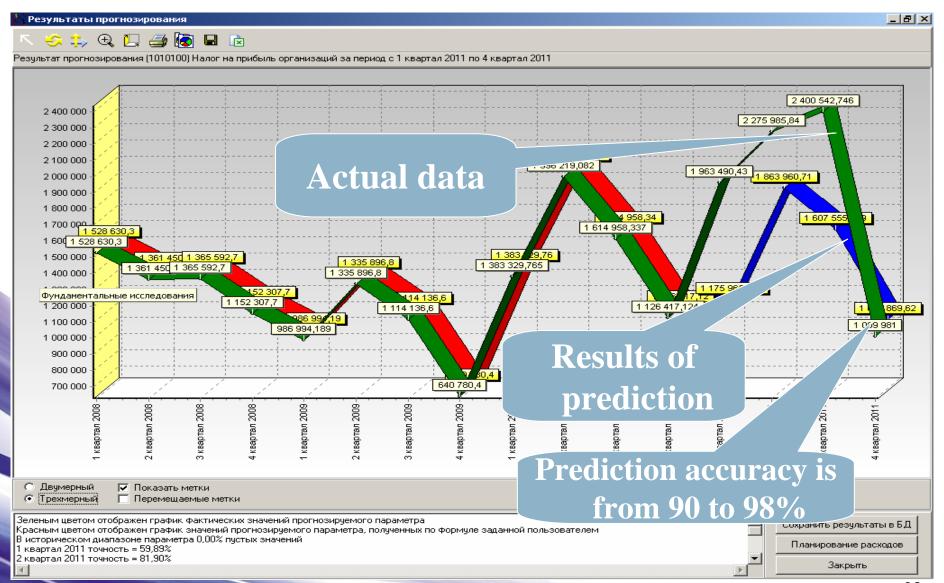
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Web-interface RIAS



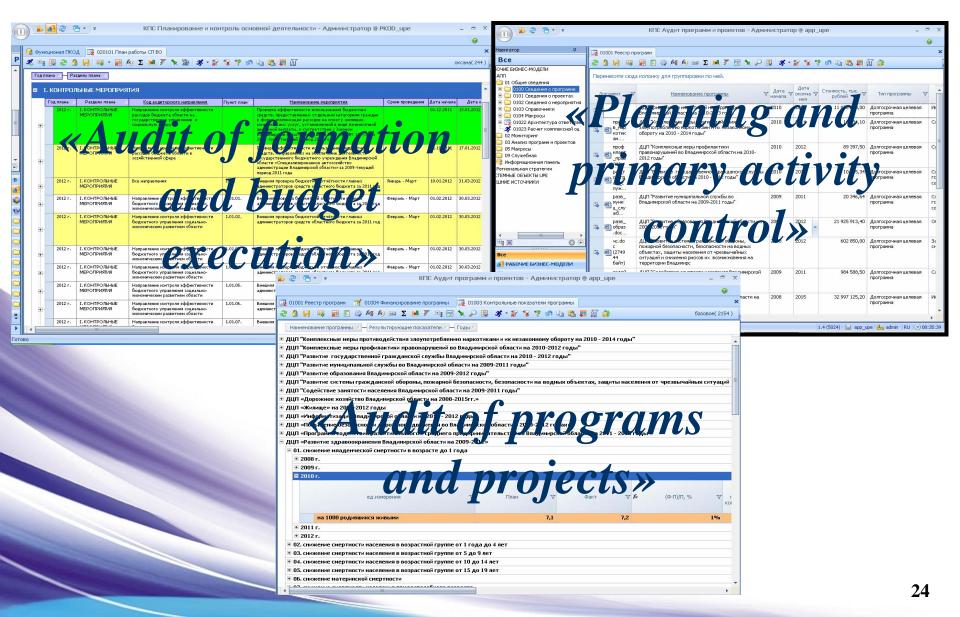
















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Prospects of development of system

- Migration of analytic database to the actual version of data server (MS SQL Server)
- Transfer of business logic from the client application to the server
- Application of modern technologies in the software development
- Application of «thin client» technologies
- Application of cloud technologies



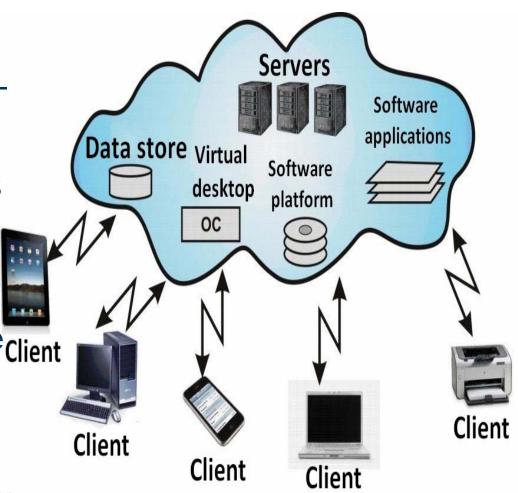


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Cloud technologies deploy software, hardware and other resources of "multipleaccess computer"

With the use of cloud technologies the differences between applied devices (computer, notebook computer, smartphone, touchpad, TV set, media player, playstation, etc.) are client fading away

 Working through the webbrowser cloud technologies remain "behind-the-scenes" and almost invisible for users







- The first version of RIAS EFC has been proving itself in the activities of the Accounts Chamber of the Vladimir Region for several years (both in the sphere of its regional responsibility and in the interaction with external bodies)
- Continuous development (upgrade) of the system with regard to the government priority and current achievements of IT-technologies is required
 - The Vladimir State University in collaboration with the Accounts Chamber of the Vladimir Region is creating update version of RIAS EFC 2.0





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проект

Счетная палата Владимирской области

СТАНДАРТ ФИНАНСОВОГО КОНТРОЛЯ СЧЕТНОЙ ПАЛАТЫ ВЛАДИМИРСКОЙ ОБЛАСТИ

четная палата Владимирской области



СФК 006 «ТРЕБОВАНИЯ К ПРОВЕДЕНИЮ АУДИТА ИНФОРМАЦИОННЫХ ТЕХНОЛОГИЙ»

г. Владимир, 2012 год

(утверждён решением коллегии Счётной палаты Владимирской области от «__» _____ 201_ года № ___/__)

СКИЕ РЕКОМЕНДАЦИИ ПО ПРОВЕДЕНИЮ ІТ-АУДИТА **А ИНФОРМАЦИОННЫХ ТЕХНОЛОГИЙ)**

Дата введения

нием коллегии Счётной палаты Владимирской области от « » _____ 201_ года № ___/__)

Дата введения



г. Владимир, 2012 год





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Thank you for your attention!

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