SYNOPSIS ON THE TOPIC

Big Data

The use of modern technologies for storing and processing large amounts of digital data (Big Data) and related methodologies to transform industries and services.

On the Roscongress Information and Analytical System on the chosen topic you will find:

- **Analytics**
  - 8 analytical materials

- **Events**
  - 31 sessions

- **Speakers and experts**
  - 262 speakers

- **Related topics**
  - 35 topics

**Latest publications in block «Analytics»**

**EXPERT OPINION** 06.09.2019

- Big Data
- Public Private Partnerships
- Standards of living
- Digitalization

Andrey Filatov: Digital State: New Business Models Brought by Total Digitalization

Andrei Filatov
Edelman AI Survey (March 2019)

This study by Edelman provides an analysis of viewpoints on artificial intelligence (AI) by comparing perceptions of the general public with those of technology executives who work closely with the AI technology. The results of the survey show excitement and curiosity yet uncertainty and worries that artificial intelligence could be a tool of division.


As part of a global study of digital operations in 2018 «Digital Champions» more than 1,100 managers of manufacturing companies worldwide were interviewed in order to identify and study the unique characteristics of these companies which applied innovative approaches to digitalization successfully. Thus, the study provides a practical solution for the transformation of companies into the Top company in the contest of Industry 4.0.
**Latest publications in block «Events»**

**EASTERN ECONOMIC FORUM 2019**

**Infrastructure for the Data Economy: New Opportunities for Cooperation between the Far East and APR**

**4 September 2019  17:15—18:45**

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**Moderator**

**Tatiana Tolmacheva**

Managing Partner, iKS-Consulting

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**KEY CONCLUSIONS**

**Both government and business are interested in digitalization**

The digital economy, or the data economy, today claims to be an alternative to the commodity orientation of our country’s economy. <...

Digital technologies are now widely used and have a very strong impact on various processes, increasing the efficiency of the economy. New markets, new business models are being created — Alexey Galyuzhin, Deputy Director, Digital Economy Projects Department, Ministry of Digital Development, Communications and Mass Media of the Russian Federation.

Private businesses do not need to be pushed into digitalization. Russian business is part of this fairly obvious and irreversible process. All companies, large and small, are interested in digitalization, data arrays, data storage and processing, as well as working with it — Sergey Mytenkov, Vice President, Russian Union of Industrialists and Entrepreneurs (RSPP).

This year, we are 100% switching to BIM design – Building Information Model – up to the very last employee. The Government responds accordingly: on behalf of the President, starting from 1 June this year Glavgosexpertiza accepts project documentation completed under BIM standard — Mikhail Grudinin, President, Giprogor Project City Planning Institute of Spatial Modelling and Development.

**The government stimulates data economy development**

Government policy is now built around this market and aims to reduce as many administrative or technological barriers as possible, encourage hardware and software import substitution, ensure information security and ultimately increase the companies’ competitiveness in the international...
market. The Ministry of Communications is currently working with the Russian data centre market to develop a number of measures that, in our opinion, could stimulate the development of this market in Russia and lead to the growth of data centres and everything related to it — Alexey Galyuzhin, Deputy Director, Digital Economy Projects Department, Ministry of Digital Development, Communications and Mass Media of the Russian Federation.

With the implementation of the Digital Economy national programme about 80 thousand social facilities in 85 regions of the Russian Federation now will get connected, which will also give an impetus to the development of data processing centres and services associated with it. Secondly, the Digital Economy national programme has clear mechanisms that will stimulate demand from the real economy, i.e. specific enterprises, for the introduction of technologies in their production and business processes, and the government will help with resources and money to implement these projects — Alexey Galyuzhin, Deputy Director, Digital Economy Projects Department, Ministry of Digital Development, Communications and Mass Media of the Russian Federation.

A global trend of localizing personal data

The obvious trend is the localization of data, personal data in the first place. Everybody closes down, everybody tries to save it. It is a trend that cannot be avoided. It is a political trend that the whole world is moving towards — Alexey Galyuzhin, Deputy Director, Digital Economy Projects Department, Ministry of Digital Development, Communications and Mass Media of the Russian Federation.

When we launched the difficult solutions, we had a dream - which was not only ours in fact - that together with Huawei who is our partner we will build four huge hyperclouds in the world and everyone will be happy. And then it all started, and not just in Russia, in fact. Everyone realized that the preservation of personal data is very important. Many countries require that the personal data of their citizens are stored locally on their territory. This has destroyed the model of hyperclouds — Richard Van Vageningen, Senior Vice President of Middle East, Africa and Russia (IMEAR), Orange Business Services.
KEY CONCLUSIONS

Big data and artificial intelligence open up new opportunities for government and business

Big data and sharing information within one system help reduce time and render services taken to a new quality level — Svetlana Chupsheva, Chief Executive Officer, Agency for Strategic Initiatives.

Using the artificial intelligence technologies give the following key effects: customer service offers are personalized; predictive analytics; and of course, improved efficiency of business processes and cost reduction — Dmitry Shushkin, Chief Executive Officer, ABBYY Russia.

Now we have <…> a solution that helps boost sales through automatization of mundane tasks and search for best sales patterns. It means that we analyze the whole transaction cycle — from the call to the closure — and find the best, the most optimal sales pattern — Artem Gladkih, Co-Founder, Chief Executive Officer, Teona.ai.

We started building mental models for human skills, which became a real breakthrough. <…> It helps us with several things: first of all, we make the content comprehensible, <…> and we do not waste all this money — Aleksandr Laryanovskiy, Business Development Director, Managing Partner, Skyeng.

Digitalization and big data are promising for government and business

This year, 36% — about a third — of our companies will invest over 100 million roubles each in digitalization, which is over USD 2 million each. This an average number, and it is clear that Sberbank will invest a lot, some will invest a bit. Nevertheless, it is a good trend. <…> 60% of managers believe that tackling structured data is really important — Dmitry Shushkin, Chief Executive Officer, ABBYY Russia.

We are the Far East’s absolute leader in creating the ecosystem for innovation development and digital economy. <…> The IT
park has commenced its successful operations. It already has 47 companies and several dozens more have applied — Aysen Nikolaev, Head of Sakha Republic (Yakutia).

ST. PETERSBURG INTERNATIONAL ECONOMIC FORUM 2019

Challenges in Regulating Competition in the Digital Economy

Moderator

Dmitry Afanasiev

Chairman, Co-founding Partner of Egorov, Puginsky, Afanasiev & Partners

KEY CONCLUSIONS

A competitive environment is key to the successful development of the digital economy

From the customer’s point of view, competition allows various services to develop. This is to the benefit of the economy, it helps businesses grow, and everything is good. [The US, – Ed.] is promoting internal competition specifically to avoid snuffing out development, because monopolization does snuff out development — Elena Ivashentseva, Senior Partner, Baring Vostok Capital Partners.

It is crucial to have a level playing field when it comes to developing digital businesses, including for Russian and international companies operating in Russia — Stepan Kuznetsov, Managing Director, Digital Business Development Directorate, Sberbank.

The main role of the state is to stimulate competition and lower the threshold to the market. That helps foster competition, it helps new companies to get off the ground and begin competing with the giants — Svetlana Balanova, General Director, IBS.
## Speakers and experts

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<td><strong>Carlo Rossotto</strong></td>
<td>Leading Specialist for Information and Communications Technologies, Regional Coordinator, The World Bank Group</td>
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### Sergey Zhigarev
State Duma Committee on Economic Policy, Industry, Innovative Development, and Entrepreneurship

### Tinatin Kandelaki
General Producer, Match TV

### Лорен Грэхем

### Maksim Parshin
Deputy Minister of Digital Development, Communications and Mass Media of the Russian Federation

- Full list of speakers and experts
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Full list of the related topics