Low level of Software Production

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Abstruct

Today, without information technology, it is difficult to imagine our existence. They have penetrated deeply into our lives. At the moment, IT technologies play a crucial role in solving many socio-economic problems.

Introduction

The development of the IT industry in Russia is one of the most pressing problems for the Russian labor market. In the list of the most popular professions in Russia, IT specialists remain unchanged, the demand for which is many times higher than the supply. Guaranteed employment and high salaries do not leave the Russian youth indifferent, but even though about 40 thousand graduates receive diplomas of programmers every year, the issue of personnel shortage remains open. So why, in a country that devotes a significant share of the budget to training information technology workers, is their absence acutely felt?

Russian-made software

Metods and materials

The main problems that hinder the rapid development of information technologies in Russia.

1. The process and quality of training of specialists employed in the IT industry.

2. Migration of qualified specialists - "brain drain".

3. Imperfection of the tax system and the current legislation has caused very high taxes for software developers, as a result of which IT is less profitable to conduct IT business in Russia than abroad, and this contributes to the problem described above.

4. Low level of software production, as well as of computer and telecommunications equipment.

5. Lack of popularization in the media.

6. Lack of specialized equipment.

Results and discussions

There are still ways to solve the above problems.

1. We need to review the current legislation and coordinate it with the dynamics of the development of modern technologies. This will help solve a number of problems with taxation, thereby improving the conditions for the development of domestic software.
2. 2. Providing educational institutions with computer equipment will also help solve the problem of low computer literacy and increase the interest of students in this industry. It requires government funding and investment in the IT industry.
3. 3. The most significant contribution will also be made by special programs aimed at improving the Russian labor market and financing research that meets the scientific interests of the country. It is necessary to train its own highly qualified specialists.

Rank	Company	Country of HQ location	Public	Software +Services 2013 (m€)	Total revenues 2013 (m€)	R&D employees 2013
1	SAP	DE		16 512.3	16 815.0	17804
2	DASSAULT SYSTEMES	FR		1 887.5	2 072.8	5000
3	SAGE	UK		1 522.6	1 602.8	1178
4	HEXAGON	SE		1 309.6	2 429.7	3204
5	WINCOR NIXDORF	DE		1 257.3	2 463.8	726
6	ASSECO GROUP	PL		1 063.0	1 400.6	3417
7	SOFTWARE AG	DE		856.5	972.7	998
8	DATEV	DE		752.8	803.0	1320
9	WOLTERS KLUWER	NL		720.9	3 565.0	2292
10	SWIFT	BE		580.2	618.0	485
11	UNIT4	NL		490.5	490.5	1383
12	VISMA	NO		484.6	826.7	637
13	CEGEDIM	FR		448.8	902.3	959
14	MISYS	UK		442.6	442.6	1 100
15	SWISSLOG	CH		383.7	514.1	110
16	NIS	UK		383.3	804.9	608
17	ACISION	UK		359.8	359.8	250
18	GAD	DE		359.6	441.2	220
19	MUREX	FR		359.0	359.0	350
20	SOPRA GROUP	FR		355.7	1 349.0	800

Table 1: Top 20 software companies (0 of them are Russian companies)

Conclusion

Thus, even despite the current difficulties, the chances of the development of information technologies in Russia exist and they are very significant.

Contacts

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