

Measurement of territories	+	+
Relief matrix	-	+
Accurate map of crops	-	+
Plant condition map	-	+
Real area	-	+
Relief exact contours of sites	-	+

Aerial photography with UAV is more detailed than the space picture. The resolution of the images is possible in centimeters per point, due to flight altitudes from 100 to 600 meters above the ground.

Reception pictures is possible even during the flight, and you can change the flight in real time, if the customer needs it.

The drones have great potential from the point of view of optimizing the agricultural production. One of the advantages of the drones it's their availability to users.

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## **THE WORLD OF IT: TRENDS AND DEVELOPMENTS**

Information Technology is an all-pervasive part of modern life. I am sure that in the nearer future all equipment we use in everyday life will be so automated, that when you come home you will take a cup of fresh coffee, that you have ordered your electric coffee machine by your smartphone when leaving the office; washing machine will set the washing regime by scanning labels on clothes; communal meters will form and pay for utilities with your cash card by themselves. IT-industry shows its explosion and its consequences effect the entire social system.

I want to show you my own predictions for trends and developments in the world of IT for the nearest years:

### ***1. IT in household appliances.***

90% of all household appliances available will have built-in artificial intelligence, which will make housewives' and maintenance people's work easier.

### ***2. Maximum energy saving***

All electrical appliances will contain an artificial intelligence with the function of energy saving.

### ***3. Voice and visual search as the main search methods.***

Voice and visual search methods are gaining popularity rapidly nowadays. So, IT-companies improve them to such a high level, that users will get over on them thus boosting e-commerce.

**4. The spread of face recognition technology.**

Despite the failure of Apple's attempt to implement face recognition technology it will be improved and employed on a global scale.

**5. Smart toys.**

Toys for children with built-in artificial intelligence will become popular and available for everyone in several years. There is no doubt that it is very important to teach a child to use IT products that will become an inseparable part of life.

**6. Drone as the main farmers' assistant.**

Drones with ultrasensitive sensors and cameras will make great assistants for farmers. They will relieve farmers from the need to watch the fields and the crop, collecting and transmitting all necessary.

**7. Non-verbal communication.**

To exchange information you do not even have to open your mouth. It will be possible to exchange thoughts using a simple device clad in your head. The most interesting thing is that everybody will be able to read your thoughts and vice versa

**8. Vulnerability of IT-systems.**

It is the main trend that is really worth paying attention. Emphasizing the rapid development of cybercrime and downturn in the development of security programs, we should say that in the nearest future companies will spend tiny sums on eliminating the adverse consequences of cyberattacks rather than protective measures.

I have mentioned only 8 interesting trends that stir my imagination. All we know is that the world of IT shows a very fast pace of development, with mankind facing new challenges.

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## **PECULIARITIES OF GOVERNMENT MACROECONOMIC ADJUSTMENT**

The management of the country's economy is the influence of the state on objects and processes to provide a certain orientation to economic activity, to coordinate actions of the subjects of the national economy and to achieve the desired results.

Government regulation of the economy – these are certain measures for the regulatory, compensatory and supporting activities of the state, aimed at creating the normal conditions for the effective functioning of the market and solving the complex socio-economic problems of the development of the national economy and society as a whole.

The state must intervene in the economy in order to:

- create conditions for the effective functioning of the market mechanism