

ROBOTIC SOLUTIONS INTEGRATION IN EVERYDAY LIFE: PROS AND CONS

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Nowadays, where technologies continue to constantly develop, the robotic integration in our lives is no longer something fantastic or unrealistic. Robots are now a common feature of our daily lives; they are changing industries and different processes due to their unsurpassed efficiency and accuracy.

Some scientists argue that by 2030 robotics is ready to revolutionize the way we live, work and interact with the outside world, and robots will become personal assistants, which simplify daily tasks, increase efficiency and overall quality of life.

Among the most popular industries which now actively integrate robotics are healthcare, agriculture, food and military.

- *Healthcare:* In the near future we will work closely with medical robots. The most popular will be robot surgeons, nurses, caretakers, disinfectants and medical specialists such as cardiologists, neurologists, ophthalmologist etc. The use of robotics enhances the precision and effectiveness of treatment.

- *Agriculture:* Robots are often used in this area for automation of sowing processes, harvesting, monitoring the state of fields, fertilization, etc.

- *Food industry:* Automated systems ensure fast and safe production, packaging and quality control of products. Robotic hands and machines are increasingly being employed in the food industry for tasks like packing, palletizing, picking and placing products, and even more complex tasks like cutting or intricate decorating cakes and pastries.

- *Military industry:* The military is able to reduce risks by employing robots in reconnaissance, mine clearance and dangerous operations.

So, what are the pros and cons of introducing robots into our lives? The pros include the following: the use of robots allows direct control in remote access, the

release of workers from hard work and work in harmful conditions, multitasking and efficiency of performing basic and auxiliary tasks and thanks to robots, a person can engage in more creative tasks and not waste time on routine work.

The cons include the possibility of unemployment because robots will replace all human labor, and the widespread use of robots may result in people becoming too dependent on technology and no matter how smart the robots are, they still will not replace the work done by a person, because not all robots can think logically, and most importantly, be guided by feelings when doing some tasks, etc.

In conclusion, we can point out that the integration of robots into our lives has its advantages and disadvantages. They improve the efficiency and accuracy of many processes, making life easier for us, but it is important to remember that technology should complement and not replace human labor, maintaining a balance between automation and the involvement of human skills.

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