

Application scenarios

Remote operation using telepresence (fig. 2) is the main application of this type of robots. Two scenarios are demanded most by the market:

- a) the employee, being at home or on a business trip, participates in the activities of the company and works exactly as if he or she were in the office, among colleagues;
- b) the head of the company, which has several offices, performs his or her functions by communicating with the staff or other manager in remotely, with the help of a robot.

Fig. 2. Remote meeting with telepresence robots

Application of robots by remote workers

Remote work can be reasonably used in the following cases:

- when it is impossible to find in your city an employee with the necessary specialization, with unique abilities or a certified expert. For example, you found them in China, Russia or Santa Clara, but your company is located in San Diego;
- when the employee himself / herself cannot go to the office every day or commuting takes a very long time, apart from mitigating family circumstances or illness.

- reasons for the failure of the equipment installed by you or to adjust through the personnel of the customer;

- when personal presence is economically impractical: even one or two trips can cost thousands of dollars, exceeding the cost of the robot.

Table 1. The main characteristics of widespread telepresence robots