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## СОЦІАЛЬНО-ГУМАНІТАРНІ АСПЕКТИ РОЗВИТКУ СУЧАСНОГО СУСПІЛЬСТВА

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## **CREATIVE GADGET SPACE TOP 3D - A COMPUTER WITH A VIRTUAL KEYBOARD KINECT**

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Today information technologies are widely used in all fields of human activity. Thanks to them, there is the opportunity to automate routine processes and significantly improve the efficiency and quality of scientific calculations. The user's interaction with the device has reached a new level.

At the conference TED-2013 such interaction companies such as Samsung and Microsoft presented their joint product in Los Angeles. It has become the new standard in the IT-sphere. The new gadget has a transparent display and 3D holographic internal interface. Its serial is called Kinect. It allows users to literally control the 3D-elements desktop manually.

The Kinect track hand gestures capture all movements of each finger and even monitor the direction of the user's sight. The author of the project is Jinho Lee. He suggests that the new gadget will help a computer and a person to find their common ground.

SpaceTop 3D looks like an inverted laptop. There are a keyboard and a touchpad on the back side of the transparent display, and all desktop items are displayed on pseudo grid between a keyboard and a display. Of course the effect of the hologram is only visual and thus will not be the subject for any sensations.

To perform more complex tasks, where gestures must be more precise, SpaceTop 3D has a touchpad, which in some cases can more accurately manipulate 3D-models.

In the off state and in the working one the OLED (organic light-emitting diode) display looks transparent, but it is not hindered to navigate images on the desktop. Developers are confident that SpaceTop 3D will be widely used in the future, and over the next 10 years the invention will be gradually introduced in the IT-market.

It is necessary to learn the new language of communication between a man and a computer, and SpaceTop 3D will become the perfect assistant for architects or designers. The work with PC to be released on an intuitive level of computer perception makes a person think figuratively.

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