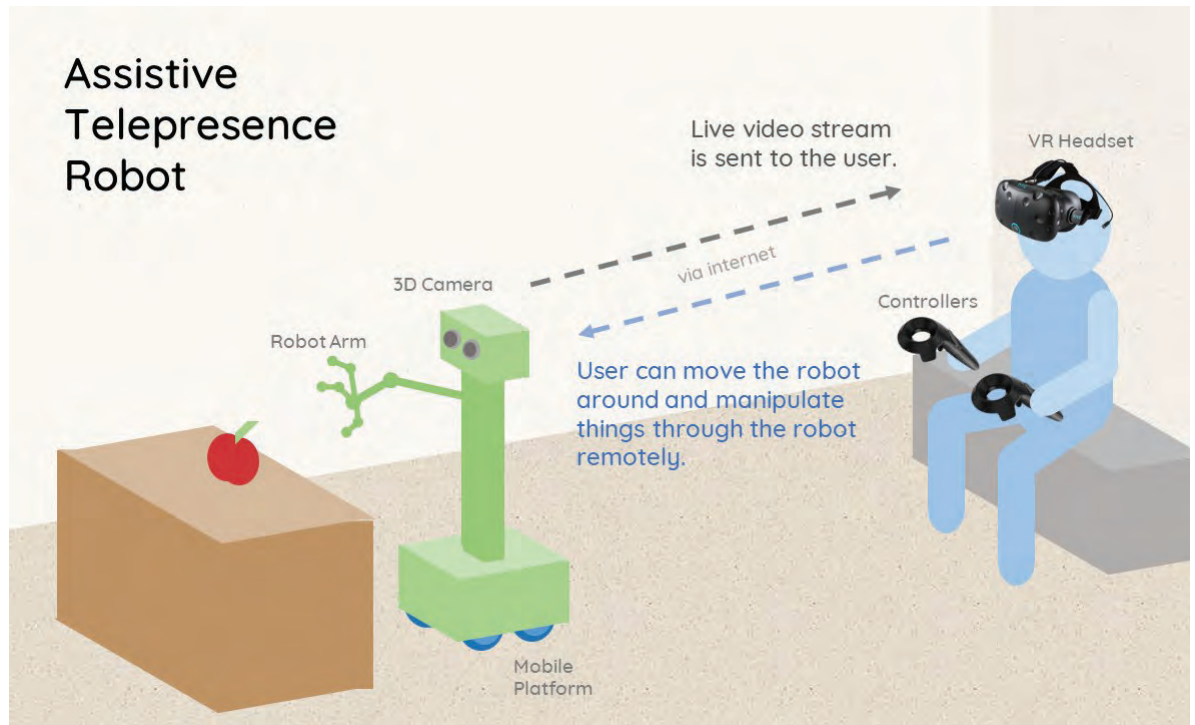


Assistive Telepresence Robot



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ASSISTIVE VIRTUAL REALITY TELEPRESENCE ROBOT

This robot is an integration of various technologies such as virtual reality, live video streaming, data stream network and gesture tracking to achieve telepresence with the intention to provide assistance to the physically impaired. A screen or VR headset will relay video from the robot's camera to the user. The user, in return, can control the movement of the robot and the orientation of the camera using gestures and head movements. A robot arm can also be controlled by users to interact with their surroundings remotely. The ability to see and manipulate objects in a remote environment allows the physically impaired to better interact with the world.

