
Description:
This report covers qualitative and quantitative analysis of major commercial segments within the global healthcare virtual & augmented reality software market for different applications such as training & planning, rehabilitation, robotic & minimally invasive surgery simulation, immersion therapy and medical research & development. Robotic and minimally invasive surgeries require significant experience and prowess to perform. Small incisions for completing a large number of surgeries can be undertaken by the most experienced medical professionals. Companies such as Intuitive Surgical have introduced VR platforms for practicing and performing virtual robotic surgeries and minimally invasive surgeries to increase training experience until an intern is completely ready. As a large number of surgeries become minimally invasive such as ablation, arthroscopy, laparoscopy and others robotic and minimally invasive VR platforms are anticipated to grow in demand by the end of the forecast period.

This report also provides analysis on the various hardware components of the global healthcare virtual & augmented reality market. Broadly, the sub-segments included in this analysis are Tracking Sensors, Haptic Controllers, Display Devices and Other Hardware components. Virtual reality requires both hardware and software to work in tandem to provide as much realistic scenario as possible. Thus, the hardware includes top-of-the-line technology in imaging, sensors for tracking audio, movement and actions. Display devices are of particular importance in this area since audio-visual simulation is the greatest avenue of creating virtual and augmented reality.


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