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3D PACS Through Virtual Reality (Sisopacs) - Sisoft

Nejat Unsal, MBA
******@***sisoft.us

Sisoft Saglik Bilgi Sistemleri
(Healthcare Information Systems)

A special system is projected to perform PACS software (Sisopacs CE Certified, IHE Compliant) with the contribution of academicians, radiologists, physicians and R&D software and hardware specialists, in a 3D environment via 3D glasses and mechanical gloves that are being uniquely designed by Sisoft's R&D team for pre-surgical operations in order to examine and analyse medical data and images through virtual reality. The surgeons, physicians and radiologists will be able to perform early diagnosis before surgical operations with less cost and true diagnosis.

Virtual reality (VR), also known as virtuality, is a term that applies to computer-simulated environments that can simulate physical presence in places in the real world, as well as in imaginary worlds. Most current virtual reality environments are primarily visual experiences, displayed either on a computer screen or through special stereoscopic displays.

By means of this technology, physical contact and virtual perception will be implemented to 3D applied medical data. The system works via client – server structure. As it is known that the medical education and the training are so hard medical students can also be trained with that virtual environment like making researches in a cadaver. There is a free licensing model for academicians and medical researchers in worldwide universities.

The target of this ongoing project is to help and make a huge contribution to physicians, researchers, academicians, radiologists and healthcare professionals. It is called the future of healthcare...

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