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SeeReal Technologies previews holographic display

Until now, there have been some real limitations that kept 3-D from jumping out of our computer screens. First, display resolution for the imaging is 250,000 times that of HDTV, and second, data and processing requirements were in the range of several hundred peteflops of processor power. To give you an idea of how fast a petaflop is, consider that the worlds fastest supercomputer in Livermore, California operates at 360 trillion operations per second. A petaflop is 1 quadrillion operations per second.

[SeeReal](#), a German company, has developed a new process that reduces pixel size to that of current HDTV and has lowered the need for real time processing. They [previewed a prototype](#) at the Society for International Display forum in California.

"Since the only alternative able to perfectly substitute natural viewing is holography, SeeReal has spent the last four years developing this approach that overcomes the obstacles that have historically prevented holography from mainstream displays. And today, we have the solution.", said SeeReal's chief scientific officer, Dr Armin Schwerdtner.

The company says the next step is to develop a final product for sale, and to find a partner for production.

Submitted by: [GristyMcFisty](#)

