

December 9, 2014



3DIcon Submits Proposal to National Institutes of Health for an fMRI Interface

Company Aims to Secure Funding to Further Development of 3D Volumetric Display Technology for Medical Imaging

TULSA, OK -- (Marketwired) -- 12/09/14 -- [3DIcon Corporation](#) (OTC PINK: TDCP), a developer of groundbreaking 3D volumetric display technologies that are designed to produce full color, 360-degree volumetric high-resolution images, announced today it has met the deadline to submit a project proposal for funding to the National Institutes of Health (NIH).

3DIcon responded to a request for Small Business Innovation Research proposals from NIH with a project entitled, "3D Volumetric Display of Neurological Data Provided by MRI Imaging." The proposal was submitted in response to topics requested from the National Institute of Biomedical Imaging and Bioengineering that included advances in the visualization of information related to biomedical images. A six month, \$150,000 project was proposed and if successful could result in a follow-up 24 month, Phase II award of \$1M. The Company included a strong letter of support from a nationally recognized medical institution, and anticipates a possible notification of an award by June of 2015.

3DIcon's project proposal aims to demonstrate the feasibility of an interface between a magnetic resonance imaging (MRI) scanner and a 3D volumetric display where researchers are interested in mapping and understanding brain activity of patients in response to time-varying stimuli. The interface developed will take advantage of recent advancements in volumetric displays developed by 3DIcon to reduce the amount of processing required by the interface and therefore reduce the rendering time. If successful, the interface would find applications in a range of medical imaging systems.

3DIcon proposes to develop an algorithm for efficiently translating MRI data formats into the data formats required by the display with minimal loss of information. Different methods for translating the data will be investigated and compared with respect to the efficiency and resolution loss metrics, and the most promising algorithm will be chosen for further development and refinement. Appropriate electronic interfaces between the rendering system, the MRI, and the volumetric display will be developed. Research efforts will focus on experimentally assessing interface requirements and operating conditions, particularly with respect to the fMRI, evaluating commercially available interface systems to determine

their applicability to the project, and the design of additional components or systems as needed.

"The NIH proposal was one of several grant opportunities 3DIcon identified this year for funding and research development, so we are pleased to complete the submission process and look forward to a possible award notification in the first half of 2015," said Victor Keen, CEO, 3DIcon. "We see great potential in the medical imaging space for our 3D volumetric display technology, as we seek to enhance the way medical professionals diagnose and treat health issues worldwide."

About 3DIcon Corporation

3DIcon Corporation (the "Company", "3DIcon", "we", "us" or "our") is a developer of 3D display technologies. The Company's patented volumetric 3D display technology, CSpace®, is being developed to produce 360-degree viewable, high-resolution, color images, and is intended for use in government and industrial applications such as air traffic control, medical imaging, automotive & aerospace design, geological visualization, weather visualization, battle space visualization, and cargo / baggage / people scan visualization. The Company also sells a software product, [***Pixel Precision***](#), a simple-to-use image creation / manipulation tool for engineers developing systems based on Texas Instruments' DLP® line of products. For more information please visit [***www.3dicon.net***](http://www.3dicon.net).

Company contact:

3DIcon Corporation
Judy Keating
918-494-0509

Press contact:

Matthew Bretzius
FischTank Marketing and PR
[***matt@fischtankpr.com***](mailto:matt@fischtankpr.com)

Source: 3DIcon Corporation