

# MMT Neurotech seeks funds to implement Thought and Memory Playback

*New patent submission to provide treatment for Alzheimer's, Autism and Cloud storage of Thought*

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[/EINPresswire.com/](http://EINPresswire.com/) -- Do you remember the movie

The Matrix and Neo plugged in, learning Jujitsu?

The science fiction of rapid learning and memory re-experience just took a major step toward

commercialization with MMT Neurotech's new patent submission of a Thought and Memory Playback

system. [MMT is already recording human thoughts](#)

and memories using functional MRI in conjunction

their proprietary technology. According to Dr. Steven Levy, CEO of MMT Neurotech, "MMT's plans include

securing funding for full development of our provisionally patented playback system to allow the

actual re-experience of memories by the individual who initially recorded their thoughts. We also

advance the possibility of individuals experiencing

the [recorded thoughts](#) of other people as a

'download', much like any online content. "

The potential of this technology is only beginning to be understood. There are a number of applications

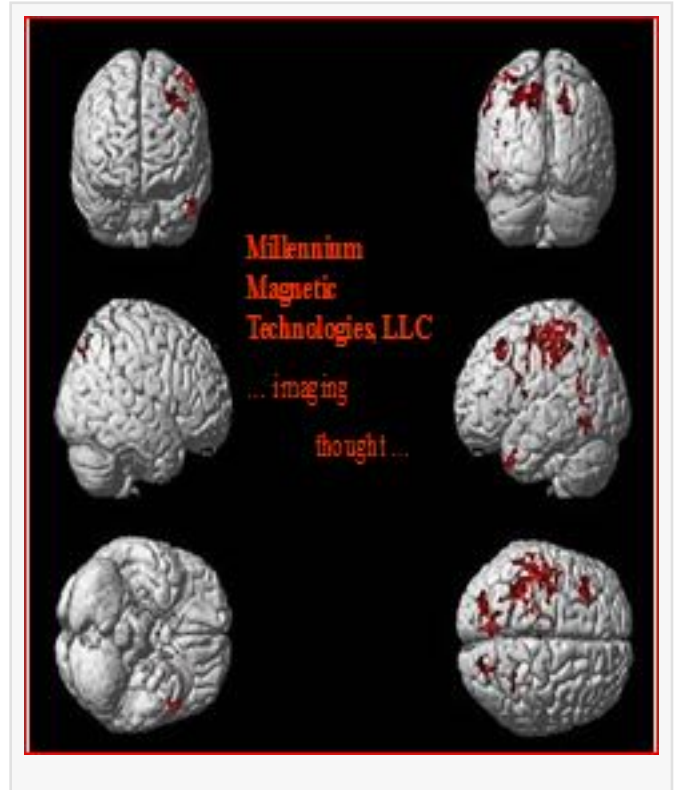
across medicine, entertainment, social good, and advertisement immediately evident. MMT believes this new technology can be transformative in treating Alzheimer's and Autism.

MMT proposes pre-recording memories for patients with early memory loss (mild cognitive impairment or MCI) when key memories are still intact.

Periodic playback of the memories of the spouse, children and major life events may help the person's key memories remain intact even if Alzheimer's causes difficulty with short term memory. Having a pre-recorded set of memories and this playback system may also help recover lost memories should medical advances actually reverse the disease: like having a back-up of your data should the hard drive fail.

Transplantation of forgotten memories to the person from their family and friends would potentially be possible.

Autism is a major issue that MMT believes can now be addressed in a transformative way. A previous report from the Centers for Disease Control and Prevention (CDC) showed 1 in 68 children in the United States have [Autism Spectrum Disorder](#), a 30% increase in just 2 years with the prevalence increasing in people of color and girls. The emotional cost to families with affected children is deepening and the social costs escalating every year there is no cure. "We want to use our technology to move from mitigation to recovery of normal social function" indicates Dr. Levy. "We believe that ASD may respond to our system of thought playback recorded from normal social



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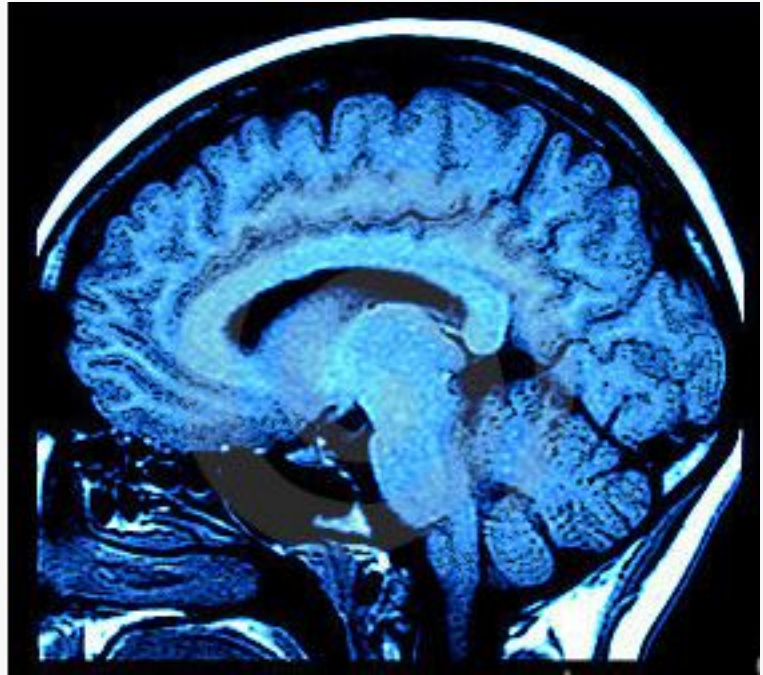
*Steven Levy MD, CEO*

interactions and behavior from other children or adults- in essence allowing preferred pathways and connections to form. “

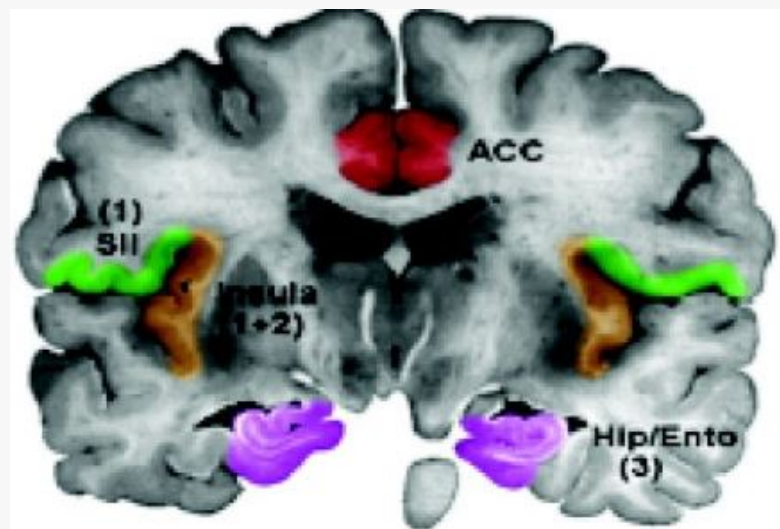
From a social good perspective, the concept of using thoughts from experts solving problems in STEM (Science, Technology, Engineering, and Mathematics) to develop improved abilities in these areas for students could allow many more individuals to achieve. Similarly language, artistic, and sports abilities could be augmented by repeated exposure to downloaded memories of those experiences. Rather than hours of practice to learn a new sports skill, course material or accumulate hands-on knowledge, this system could shorten that time enormously. Dyslexia, or difficulty with reading, might be improved by exposure to thought patterns of more facile readers. This system could also improve social interaction and negotiation. The experience of another person’s suffering or anxiety would no longer be abstract- people would become more compassionate from exposure to the personal memories of others. Thoughts, memory and real time experiences of millions of people could be stored on the Cloud providing perpetual access. Actual memory downloads could have an enormous entertainment value. Imagine being able to experience the thoughts of a winning sports figure, the memories of a politician rather than reading a memoir, or the thoughts of a celebrity about walking

down the red carpet. Downloads of actual experiences of singing in a famous band, acting in a movie, or being a key player on a professional sports team could potentially be experienced in real time and provide powerful and unique entertainment. Whatever you personally recorded about an event could be accessed repeatedly. Rather than memories fading with time, this would allow them to be nearly as real as when first experienced. Imagine having essentially perfect recall of your wedding day and honeymoon, birth of your child or other life-changing events.

There has been an explosion of research in brain topology, networks and the connectome including the Human Connectome Project. MMT believes this work integrates extremely well with their intellectual property both of recording thought based on their multivoxel fMRI pattern recognition technology called the Cognitive Engram, as well as the new playback approach. “Based on the forward leaning work in the Blue Brain Project, we must consider the possibility that recorded thoughts could ultimately interact with and create new forms of reasoning independent of the individual who first generated them. Those ‘thoughts’ themselves could potentially be placed on a virtual brain network, interact with other thoughts from multiple separate individuals, and thereby



MRI Image of Brain



fMRI Processing

creating new thinking patterns that are completely unique and totally artificial ” indicates Donald Marks MD PhD, Founder and Chief Science Officer of MMT Neurotech.

MMT Neurotech is seeking the major investment required to fully implement their IP surrounding these memory recording and playback processes. Dr. Marks adds: “Playback of recorded memories in the human brain would certainly be the holy grail of functional neuroimaging. Our company envisions brain virtualization moving from exploring the workings of the brain to allowing the creation of artificial thoughts. Our recording and playback intellectual property is truly a path to help improve human health and holds phenomenal promise across many areas of thought.”

Major investors may reach Dr. Levy or Dr. Marks through MMT’s website [www.milmag.net](http://www.milmag.net)

Steven Levy  
MMT Neurotech  
203-423-9494  
[email us here](#)

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