

See the Bank. Be the Bank!

Neuro-interfaces are devices that detect brainwaves and respond accordingly. This is not sci-fi and totally not tomorrow. They are available now, affordable and usable!

Emotiv has developed a suite of products that can translate a series of thoughts into human and computer interaction. The neuro-headset with software is available at a cost of \$299, which is a gaming edition. If you are a researcher or developer, there is a more complex and capable headset, together with a development application suite that is available. Here is a YouTube you have got to see: <http://www.youtube.com/watch?v=Qz2XR3xcx60>

What are the implications? My first thought springs from the Mercy Me song; I Can Only Imagine! Wow, for a wheelchair bound quadriplegic you can now connect them with the classroom, their friends and provide them with a tremendous opportunity to play video games in a way they could only imagine. The implications go beyond anything we thought possible even a few years ago, but it doesn't stop there.

Next stop, banking and the internet! Just imagine, an ADA-Bank offering services through a unique website designed to work with the Emotiv headset. These services would be specifically focused on meeting the needs of anyone with disabilities that are motor or communication disorder based. From strokes to spinal cord injuries, even individuals with autism could experience a whole new spectrum of life through this device. Open an account and we'll provide a neuro-headset with training (by the way, it doesn't take long to learn the basics) and then set them free! See the Bank. Be the Bank!

But it doesn't stop there… sound like an infomercial? Scientists at the Technical University of Denmark have created a smartphone interface that works with the headset. Here's the link: <http://milab.imm.dtu.dk/eeg> Imagine the mobility this technology brings to an individual.

The next product, here I go… Think-N-Pay! No more debit card, just walk through the aisle and BAZINGA! Mom, look… I just bought that! No hands…

The Wombat!

About the Author

Dan Fisher is president and CEO of The Copper River Group, a consulting firm headquartered in Fargo, N. D., that focuses on technology and payment systems research and consulting for community financial institutions. For nearly 30 years, Fisher has worked in the financial industry using technology to improve the bottom line. He was CIO of Community First Bankshares (now part of BancWest), has served as a director of the Federal Reserve Board of Minneapolis, the chairman of the American Bankers Association Payment Systems Committee, and was a member of the Independent Community Bankers of America Payments Committee. Fisher has written numerous articles on banking technology and the payments system. He has authored or co-authored six books and recently published a book titled, "Capturing Your Customer! The New Technology of Remote Deposit." You can contact Fisher at dan@copperrivergroup.com.

P.S. To understand Dan's nickname, check out "About the Wombat" on his website, www.copperrivergroup.com