Neuralink brain-machine interface, Elon Musk's vision to cure the insecurity among us.

The beginning of this technology was by a neurologist and a young mathematician. They wrote a paper on how neurons work and made a simple model of a neural network using electrical circuits, followed by a suggestion of neuron functions by using telegraph relays and vacuum tubes.

After that, neural network studies have taken a sudden leap till now that it is used to heal a person’s brain disorders.

Nowadays, neuralink has begun not only to cure patients but also to connect them to digital devices; that they can use without the need to move or use any of their body parts.

Neuralink was co-founded by Tesla Inc and space X CEO Must in 2016, San Francisco Bay Area-based. Elon Musk aimed to create a neural implant that can sync up the human brain with the rapidly developing AI. So that humans can control computers, prosthetic limbs, and other machines using only their thoughts.

Furthermore, neuralink is used to help cure neurological conditions like Alzheimer’s, dementia, and spinal cord injuries through implanting wireless brain-computer interfaces in the most complex human organ.

This technology’s initial goal was to help people with paralysis to regain independence through controlling computers and mobile devices. The devices are designed to help people communicate more easily, follow their curiosity on the web, or express their creativity through photography, writing apps, or arts.

Neuralink brain-machine interface contains:

-Threads: they are tiny and flexible electrodes that penetrate the outer surface of the brain to detect the electrical impulse from nerve cells that shows that the brain is at work, and they are inserted by a robotic system exactly where they need to be.

-The link: which is a chip that connects the brain to the digital world. The resulting computing power, according to Musk’s point of view, will allow humans to compete with developing AI. The link is the start of a new kind of brain interface. As the technology develops, they can increase the channels of communication with the brain, accessing more brain areas and new types of neural information. This technology can treat a wide range of neurological disorders, restore sensory and movement function, and eventually expand how we interact with each other, with the world, and with ourselves.

Experts warn that Elon Musk's Neuralink implanted brain chips could lead to a hacked army of sentient beings, saying that development in technology should be carried out thoughtfully.

Inserting a computer chip inside the brain may sound somewhat fancy, but it is worth it. If you're willing to get your head drilled into and have a chip inserted, you still need a lot of money. However, it is an option for those who can afford it and face some rare brain disorder or neural disorder, but still getting your head drilled is a risk.

Meddling or interfering in any process is always devastating and shouldn’t be done but trying an innovative brand new technology for medical purposes is often beneficial.