

Source : ABC news

Date : 10 avril 2019

Transcript for how 5G technology is changing the world

It is time now for a closer look at the new technology that could change the way we live. We're about to change your life here. Work, play, all of it is going to be changed by our sponsor Verizon. Taking an inside look at their lab where they're bringing universities, entrepreneurs and small companies to experiment and develop groundbreaking concepts that all use the power of 5G.

Reporter:

In movies like "Ironman 2" advanced technology seems to be the stuff of the future.

Ironman:

"There for most 20 years, still taking me to school."

Reporter:

But the future is closer than you think. 5G is here, it's happening. 5G will really usher in the next generation of wireless communication, speeds a 100 times faster than what you see on your 4G, network bandwidth a 1,000 times greater and lastly massive connectivity.

With the recent launch of their 5G ultra-wide network, our sponsor Verizon, is taking us on a tour of their lab in New York city, giving us a glimpse at how this innovative technology will shape our everyday lives. Our guide, Nicki Palmer, Verizon's head of technology and product development. Everybody is going to have access, consumers are going to have this in their hands? Yes. They can get it now with the way they live, work, play and learn. 5G will impact all of that.

First up, a virtual dressing room that any fashionista would love. What we're gonna do is volumetric data captures. What you see around us is over a dozen depth-sensing cameras. So imagine trying on some new clothes and sending a hologram of yourself to your friends to get some near real-time feedback.

Next, from the clothing racks to the grocery store. It's like online dating for food.

Using augmented reality paired with 5G you can scan and identify allergens in food products and it all happens in real time. To be able to walk down an aisle and get the information filtered for you would really be transforming the experience.

And AR is also headed to the OR.

Wow. By using those special glasses, doctors can create 3D models resulting in potentially more precise surgeries. Verizon 5G service is available today with a smartphone in Chicago and Minneapolis, and it will be rolling out in more than 30 U.S. Cities in 2019.

Such cool technology.