



# Opening Thoughts



#6

## Metal Keys

The technology to completely replace metal keys already exists, and physical keys are on the road to obsolescence. New cars already have push-button start that only requires a fob to be nearby. You can also get locks that open with voice commands, finger or retinal scans, a specific gesture and even by reading an implant in your hand.

#5

## Physical Media

In the early 2000s, VHS met its end when DVDs were introduced — just as audio cassettes were replaced by CDs in the late 1980s. Streaming services like Netflix and YouTube as well as on-demand services included with cable packages are reducing the need to buy Blu-rays, which have already replaced DVDs. At some point, even books may be completely confined to digital formats.



#4

## Wired Phone Chargers

Imagine never having to worry about your phone's battery running out. No more missed calls or disconnections due to power issues and all this without having to plug your phone into a wall outlet. Wired phone chargers are already on their way out, as most phones can be charged with wireless pads, and devices that are charged using radio waves and Wi-Fi are currently in development.



#3

## ATMs and Wallets

The way we pay for things seems to change every few years, although cash is still a favourite. But with cards and online banking, it won't be long before the government stops spending money on printing bills and instead switches to digital-only currency. Currently, only 9 percent of the world's population uses physical cash, so if the trend continues, wallets and ATMs will have no purpose.



#2

## Needles

Researchers associated with MIT have announced two projects that will end needle injections. One is a jet-injection technology that shoots a substance faster than the speed of sound through a borderline-microscopic opening in your skin. The second project involves the patient swallowing a capsule containing a needle. After the tiny needles inject into the stomach lining, they are destroyed by the digestive system.



#1

## Cinemas

Ever since the television set was invented, people have been predicting the decline of the movie theatre. Although people still enjoy going out to the movies, technology continues to evolve. Now you can even view programs in 3-D on certain televisions, and it remains less expensive to watch movies at home. Now that virtual reality is growing, who knows where that technology will take us?



Adapted from the article of the same name by Kaylee Cormier for Listverse, accessed on October 17, 2018. (<http://listverse.com/2018/07/05/10-pieces-of-technology-that-wont-exist-in-20-years/>)