Example 1: Identity Theft

The media I used was an article depicting identity theft as a problem that was around before technology, but had a boom since the birth of the internet and social media. Before, in order to commit identity theft, the attacker would have to follow a paper trail of their victim, which was a very difficult and time consuming job. Now, however, attackers find it to be very easy with many people broadcasting their lives on social media.

Identity theft is a form of fraud, and before the internet it was very difficult to impersonate another person, as you would need certain identification cards with hard to reach information. The only way to get to this information was by following a paper trail, dumpster diving, for example.

With the evolution of technology, and the internet with it, fraudsters have found it very easy to find success among the broadcasted lives on Facebook and Instagram. Malicious attackers have access to powerful tools, both online and off, that allow them to break into networks to steal information. It can also be as easy as scrolling through social media and finding broadcasted information that could lead to a breach in identity security, the point being that software is not necessary to steal information from a prospective victim.

In conclusion, gaining access to information is easier than it ever has been due to the evolution of the internet. This can be aided either with software meant for stealing information, also known as type I, or simply going through social media to gather the necessary information, also known as type II.

Reference: https://www.identityguard.com/news/technology-changing-identity-theft

Example 2: Malware - Ransomware

To jump to the other side of the cybercrime continuum, Ransomware is a very big problem, especially in today's technological climate. This media depicts what Ransomware is, and, therefore how it is a problem due to the advancement of technology.

Since the birth of the internet, there have been malicious hackers and crackers whose sole purpose is to steal information and make money from that information. This is similar to identity theft, however this problem is completely technological and less human. Malware was born from this desire to get information on a faster and larger scale, this is a form of crimeware and described as a type I cybercrime.

Ransomware is a new aspect to Malware. It completely encrypts a computer down until the victim pays out to the attacker for the decryption key. This type of attack comes from phishing, another type I attack, and this is where the advancement in technology comes into play. It is due to the advancement in software capabilities that Ransomware could evolve from phishing. This issue was not around before this advancement in technology.

Reference:

https://www.csoonline.com/article/3236183/what-is-ransomware-how-it-works-and-how-to-remove-it.html