

Technology and communication paper

Technology



Live scan is an ink-less fingerprinting system that immediately uploads the data into the AVIS system with returned results in minutes. This is a far leap forward from ink print cards and months of waiting for a match. The other system is Facial recognition technology. Over time with the use of the Internet and programs such as social networks and Backbone, commerce has upgraded the facial recognition technology to better serve the shopping industry. This has led to a type of profiling for commerce.

The FBI and law-enforcement agencies are working on regulations in the US that will allow them to use the same technology as social media and commerce. This high level of technology has positive and negative effects that may benefit and compromise adequate communication. For law-enforcement agencies it is imperative that technology keeps a forward progression in order to maintain the upper hand on crime prevention. Live Scan In the early years, Live Scan had not yet been developed. It came about in the mid-80s and was designed to perform a faster search of fingerprints amongst criminals and arrestees.

Live scan is used for many agencies as well as law- enforcement. Live scan's main purpose is to identify individuals and their criminal background but is also used for sex offender registration, background checks, criminal booking, foster care placements and many more. Having this technology in law enforcement, can be a great benefit to the department and the nation. It is known that criminals often do not tell the truth, this means that law enforcement agencies rely heavily on the technology rather than the communication that a suspect provides.

An officer success often relies heavily on the system that provides the information. The system allows the communication to be transmitted so that he as the information needed to make a logical decision. Communication between the two systems is imperative for agencies to speak to each other about suspects they may be looking for or information they may have on the suspect that is in custody. Law-enforcement agencies rely heavily upon this communication and the system that controls it. If the system were to ever crash or become dysfunctional, it could be catastrophic for the entire criminal Justice system.

In the future, officers and the agencies they work for may become fully dependent on technology and that can ripple them if a technological disaster should ever occur. Facial recognition technology As technology increases so does the need for improving on it. To assist with identifying people through fingerprints, a technology called facial recognition was created. Facial recognition works by taking a picture of the face, then charting the points and depth of the face into a system and matching a previous picture taken. Now, a suspect no longer has to be arrested in order to identify who they are.

In the last 10 years facial recognition technology has been substantially upgraded to a marketer, faster and cheaper method for identifying people. For law-enforcement agencies this technology would be a great asset to use and manage. Unfortunately, regulations in the U. S. Are substantially behind in times. Police and law enforcement agencies are restricted from using this technology because it violates the privacy act and the rights of the people.

This is a major problem for the criminal Justice system because commerce is not restricted from profiling for shoppers.

In fact, social media sites such as Backbone have been using this technology for some time now. This eaves law enforcement agencies at somewhat of a disadvantage. Sophisticated criminals may have the upper hand in using the facial recognition technology to identify undercover officers, thus allowing them to completely shut down infiltration. It will also allow them to maintain anonymity in their criminal empire. The FBI has been working on building a fully biometric national system which will be operational by next year.

The FBI was granted the regulation to use this technology and build the database needed for it to run properly on the grounds of national security. Homeland security is at an all-time high on our nation's soil at this present time, so the facial recognition technology that the FBI will be using is of utmost importance. One of the major problems foreseen with this technology working properly is of the criminal's empires who know this technology is out there and working, and chooses to live completely off the grid.

This will make systems like live scan and facial recognition virtually useless in identifying suspects or criminal empires and will make law- enforcement agencies useless in identifying and capturing them. Positive effects Technology as a whole will always have some type of positive effect on communication. For example, if facial recognition technology becomes a mandatory technology for every law-enforcement agency in the nation, the technology will allow for each agency to communicate with each other on a wide scale basis.

If an officer in Florida pulls over a man for speeding and uses his facial recognition scanner and gets to hit for a fugitive in Arizona; the action immediately alerts Arizona that their fugitive is now being taken into custody. This line of communication will be extremely liable to law-enforcement agencies everywhere. It will open up the lines of communication and allow each agency to communicate with each other. Communication also plays a major role in making the technology.

Agencies and the officers from those agencies have the best knowledge of fieldwork, therefore being able to put in their personal feedback to create the technology or equipment that an officer needs is extremely important. In turn, this allows the officers to feel validated by being able to communicate their needs for work in the field. There are many costive effects that technology may have on communication but there are also negative effects as well. Negative effects Technology also can effect communication in a very negative manner that can be almost catastrophic.

Technology today has allowed humans to communicate without making eye contact or even making a sound. Technology allows humans to communicate without being in the same room, same city, same state, or even in the same country. People depend far too heavily upon technology, thus making them helpless without it. That being said, technology has the ability to cripple us as a pieces. Interesting technology There are several different interesting technologies that could use some improvement.

One of my favorites Just happens to be facial recognition technology. In 1998 I can remember watching a movie called enemy of the state. This is when I

was first introduced to face show recognition technology. After watching the movie, I became obsessed with the idea of being able to possess technology that powerful. Technology that could actually recognize people's faces anywhere they go would mean that there is no place that a kidnapper, child molester; rapist or even a serial oilier could ever hide without law-enforcement finding them.