

Fingerprinting Technology

Fingerprinting Technology has really become advanced in the past couple of years. There have been all kinds of new fingerprint equipment developed for the purposes of making a positive and definitive identification of a human being. These new developments include an automated fingerprint identification system, electronic fingerprinting and digital fingerprinting.

Still the simplest fingerprinting technique is still one of the most common for obtaining prints from a crime scene. Lifting fingerprints with powders is one of the most accurate and efficient ways to identify a criminal. Dark powders are dusted on light surfaces, and white and gray powders are dusted on dark surfaces to make the prints more visible.

Experts also use ninhydrins, which are a type of solvent to "capture" fingerprints. Ninhydrins work best on porous surfaces like paper.

Another fingerprinting technique uses a super-glue chamber. Objects from crime scenes that could have fingerprints on them are placed in the chamber and glue is applied to reveal them.

Laser fingerprinting is also known as electronic fingerprinting or digital fingerprinting. Lasers use a light source to reveal print. A computer is then used to electronically scan the fingerprints. Electronic fingerprinting is quicker, more accurate and less fussy than the old fashioned method of pressing an ink pad onto a finger,

Files created with electronic prints can now be scanned onto computers. These prints make it much easier for countries, states and cities to trade and contrast and compare criminal information.

Another breakthrough was the Squad Car Identification system. This is a tool that takes fingerprints and mug shots and immediately relays them to law enforcement professionals who are making road checks. In this case the individual can be identified initially visually and then the fingerprints of the person can be electronically scanned to find out if the person is an imposter or not.

Electronic fingerprinting, digital fingerprinting and scanning fingerprints are also now used more and more to ensure security and safety. Parents now have the option of fingerprinting children and many banks in the United States are now using thumbprints to help verify the identity of a check holder.

As fingerprinting technology becomes more widely available it is also going to become more likely that all citizens could become fingerprinted at birth. If this happens it will be