



Jurisprudence Section – 2007

E9 Digital Imaging Technology and Its Application in Court

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After attending this presentation, attendees will understand the basic workings of digital images, how digital images are produced, and how they can be manipulated. Attendees will further understand some of the various ways that digital images can be used in court presentations.

This presentation will impact the forensic community and/or humanity by serving as a guide to the availability of various uses of digital imaging. It will provide attendees with a general understanding of digital imaging techniques, and its practical application to forensic science.

When digital imaging technology was first introduced, the initial reaction among courts and law enforcement agencies was one of skepticism. It was believed that this technology had no place in a court of law because images could easily be manipulated, and would not show a true and accurate representation of the subject photographed. Digital imaging technology should not be held synonymous with photo alterations, but rather with photograph improvements, and enhancements. There are numerous ways that digital imaging can provide valuable demonstrative evidence in court. This presentation will focus on the positive aspects of digital imaging technology. There will be demonstrations in photo enhancements; case studies will be presented in which digital imaging technology provided valuable demonstrative evidence in court, and explanations will be given in recording changes to digital photographs, in order to maintain their integrity. This presentation will provide attendees with a general understanding of digital imaging techniques, and their practical application to forensic science.

Forensic Evidence, Digital Imaging, Technology