Abstract - Electronic devices have evolved to become an integral part of day to day life for a large portion of the world’s population. With this evolution, the data contained on these devices and subsequently the demand on law enforcement to preserve and extract evidence relevant to criminal cases has grown exponentially. The general discussion will include standard forensic practices and an in depth look at the goals and capabilities of a modern forensic examiner. Some emphasis will be placed on trends in computer crime activity including anti-forensic techniques and tools used by perpetrators to obfuscate data and elude law enforcement.

Brief Bio - SFO Brian Mize has been employed by the Chesterfield Missouri Police Department since October 1996. He is a graduate of St. Louis University and Lindenwood University. He is currently assigned to the Federal Bureau of Investigation, St. Louis Cyber Squad, as a Special Federal Officer where he conducts investigations related to computer crime and child exploitation on the Internet. He is also a Forensic Examiner with the Regional Computer Crime Education and Enforcement Group where he conducts forensic examinations of electronic evidence.