



Computer Forensic Unit

*Craig M. Goscha & Shawn M. Healy
National Computer Forensic Division
USDA OIG*





Computer Forensic Unit

What is a Computer Forensic Unit and what is its function?





Computer Forensic Unit

Mission Statement



The purpose of the National Computer Forensic Unit is to provide the technical expertise to preserve evidence in a digital format and to capture and interpret data relevant to a case through the use of forensically sound utilities and procedures.



Computer Forensic Unit

What can a Computer Forensic Unit do for you?

- *Provide on-site search and seizure assistance*
- *Analyze computer evidence and provide results*
- *Consultations as needed regarding computer evidence*
- *Provide testimony when required*



Computer Forensic Unit

Provide on-site search and seizure assistance

- *Assist with the seizure of all computer related evidence.*
- *Forensically copy targeted computer media.*
- *Write protect all targeted media to preserve evidentiary status*
 - *The forensic copy*
 - *The original media*
 - *Or both.*
- *Verify the integrity of all forensic copies.*



Computer Forensic Unit

Analyze Computer Evidence and Provide Results

- *Maintain integrity of the original evidence.*
- *Restore files and folders marked for deletion.*
- *Recover data from unallocated data area of disk.*
- *Restore hidden data on disk.*
- *Provide copies of data having evidentiary value.*
- *Provide a written report of results.*



Computer Forensic Unit

FORENSIC EXAM DEMONSTRATION


