

Digital Forensics

Overview

Digital Forensics supports the discovery, analysis and reconstruction of evidence extracted from computer systems and computer peripherals. This service, which typically supports investigative services, enables investigators to retrace and attempt to identify the offender.

Benefits

Recognizing what constitutes a security incident is crucial to minimizing the impact an incident might have. In general, incidents may be defined as deliberate electronic attacks on the communications or information processing systems. Whether initiated by a disgruntled employee, a malicious competitor or a misguided hacker, deliberate attacks often cause damage and disruption equal to or greater than any natural disaster.

Description of Service

During a Digital Forensics investigation, Emagined Security is typically called upon to defeat traps, prepare reports and maintain the chain of evidence, case and report processing, encryption techniques and implementation of effective encryption methods.

Emagined Security supplies technical, investigative, and advisory forensics support relating to incidents. In addition, Emagined Security can perform analysis/interpretation of data, discovery and handling of evidence, documentation of efforts, procedural recommendations, technical advice, and related investigations. Specifically, Emagined Security can perform the following tasks:

Data Capture & Discovery: When your discovery process requires capturing data for future analysis, Emagined Security technical experts will make an exact duplicate of the storage media. Emagined Security experts can either go to the site where the data resides or it can be brought to the Emagined Security laboratory.

Data Recovery: Emagined Security experts will utilize proprietary tools to attempt to recover data that you need. In many cases we can reconstruct damaged, deleted, reformatted, and erased files and directories and produce the resulting data for you.

Analysis: Emagined Security can assist in analyzing the documentation, utilizing our computer backgrounds to pinpoint additional discovery points that will provide fruitful information.

Forensic Protocol: Emagined Security is knowledgeable of and careful to maintain the integrity of the data at all times. Chain of custody procedures are maintained throughout the discovery process.

Neutral Party Services: Emagined Security can perform services as a neutral agent of the parties when both agree. Often, acting as an agent of the Court, or as agreed to by the involved groups, Emagined Security can capture, recover, and filter the data in question.