



Evidence Management and Tracking in the Crime Laboratory Using RFID integrated with Video

Crime Lab Evidence Room

1. Evidence packaging is barcoded and RFID tagged
2. Evidence placed into various storage areas with RFID reader located within range
3. Video cameras also installed near readers

Evidence Checked out for analysis

1. When evidence is checked out for analysis, RFID reader will capture transfer
2. Video activated by the RFID tag will record the event.

Laboratory analysis

1. Packaged evidence will be tracked in the lab by RFID readers located throughout the lab.
2. Video cameras that are activated by the RFID tag can be installed at critical points
3. Additional RFID tags can be added to items found in packaging (e.g. more than one item of clothing).
4. Items placed into temporary storage areas can be accounted for via the RFID system.

Completion of Laboratory Analysis

1. Evidence is returned to lab evidence room where it is officially transferred.
2. The transfer is recorded by the RFID system and the RFID activated video system.

Disposition

1. Evidence transferred back to the police department will be recorded by the bar code and or RFID system and the RFID activated video system.

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- Each bar coded and RFID tagged evidence package will have a record of where the evidence was stored.
 - An inventory of evidence stored in the lab's evidence room or in an analysts temporary storage locker can be obtained by the push of a button.
 - A specific packed evidence item can be located at any point in time.
 - Identification of persons in possession (or involved in the transfer) of the packaged evidence can be accomplished with the video integrated with RFID system.