



UTT

UNIVERSIDAD TECNOLÓGICA DE TIJUANA

GOBIERNO DE BAJA CALIFORNIA

TEMA: Techniques and tools for tracking test

PRESENTADO POR: Ramírez Aispuro Juan José

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MATERIA: Gestión del proceso de desarrollo de software

PROFESOR: Ray Brunett Parra Galaviz

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Effective evidence tracking is crucial for maintaining the integrity of the chain of custody in law enforcement and legal proceedings. Advancements in technology have introduced various techniques and tools to enhance the accuracy and efficiency of evidence management.

Techniques for Evidence Tracking:

1. **Barcode Systems:** Assigning unique barcodes to evidence items allows for quick identification and reduces manual errors. Handheld barcode scanners facilitate efficient data entry and retrieval.
2. **Digital Photography:** Capturing high-resolution images of evidence at the collection site ensures accurate documentation and aids in future analysis. These images can be linked to digital records for comprehensive tracking.
3. **Electronic Chain of Custody Records:** Maintaining digital logs of evidence handling—from collection to courtroom presentation—ensures transparency and accountability, reducing the risk of tampering or misplacement.

Tools for Evidence Tracking:

1. **eTWIST Evidence Tracking Software:** A barcoded Windows Mobile-based application designed for unobtrusive tracking of evidence, suitable for law enforcement and military applications requiring chain of custody documentation.
2. **PMI Evidence Tracker™:** An adaptable and customizable evidence and asset management solution that streamlines the input, storage, viewing, and management of evidence, enhancing organizational efficiency.
3. **ACE Evidence Control:** A comprehensive system that actively manages evidence from submission to disposal, offering features like office drop for efficient evidence submission and processing.
4. **Larimore Property/Evidence Tracking System:** An integrated system used to document, organize, and manage all of an agency's property and evidence needs, fully integrated with incident reporting systems to eliminate duplicate entries and input errors.
5. **PROSECUTORbyKarpel Evidence Tracking:** Allows teams to enter and track case evidence, whether off-site or in the evidence room, with features like automated chain of custody tracking and evidence auditing with barcoding.

Implementing these techniques and tools enhances the accuracy, efficiency, and reliability of evidence management systems, ensuring the integrity of the chain of custody and supporting the pursuit of justice.

