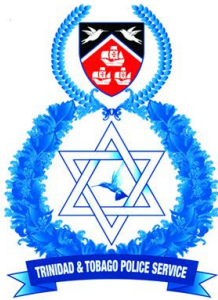




Trinidad-Tobago Police Services



Property and Evidence Tracking and Accountability



Tracking and Accountability

Property and Evidence
Weapons, Gear and Ammo
Facility and Vehicle Assets
Records and Documents
Trustees, Inmates and Visitors



Police Services Property & Evidence

Challenge

Trinidad-Tobago Police Services (TTPS) maintained seized property and evidence at over 100 police precincts throughout Trinidad and Tobago. Hand written 'registries' and computerized spreadsheets were utilized to enroll property and evidence and to control issues and returns, and there was no database management system in use. Trinidad-Tobago Police Services experience broad challenges with accurate enrollment, chain-of-custody and fraud, without the systems and tools required to provide needed tracking and accountability of property and evidence.

Solution

TTPS selected **Virtual Doxx Corporation** to implement centralized property and evidence storage and management at six (6) locations across the country. Implemented SmartTraxx database management system custom configured for Trinidad-Tobago Police Service's specific data, workflow, tracking and reporting requirements, including data views for the following classifications of property and evidence:

- Narcotics
- Weapons
- Currency
- Vehicles
- General

Implemented RFID (radio wave) technology to track property and evidence, alarm system to prevent unauthorized removals and electronic signature pad to register transfers and returns.

System Components

- Customized database management system / registry
- RFID antennas at each storage room doorway for tracking
- Alarm at each storage room doorway for security
- Syncs with video surveillance system for security
- Electronic signature pad for transfer-of-custody
- Digital scale for accurate measurement of narcotic weights
- Portable scanner to find 'missing' objects and for inventories

Property and Evidence Tracking, Accountability & Security

Doorway Tracking and Security Zone



- RFID tags are placed on property, evidence, containers, and envelopes, and, RFID tags are placed at locations such as bins, shelves, cabinets, pallets and rooms
- Antennas at doorway(s) passively track the Issue and Return of Property and Evidence
- Motion sensors determine if property / evidence is being removed-from or returned-to storage
- Database determines if property and evidence exiting storage room are being transferred in an authorized manner to an authorized recipient, and, alarm/lights are triggered if there is an unauthorized or inaccurate transfer
- All Issues (exits) and Returns (entries) are time-date stamped in database for reconciliation against video system for additional security validations

Portable Scanner to FIND and to Inventory

- Portable scanner transmits radio waves approximately 20' and enables rapid, frequent inventories of key items or all items in storage
- 'Missing' property and evidence can be found using beeps, color-scale and numeric index (similar to a Geiger Counter)
- Displays rows of data for 'expected items at each location and color-codes each row based on disposition:
 - Expected and Found
 - Expected and Not-Found
 - Unexpected and Found



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