SmartTraxx RFID

Tag - Track - Find

RFID Radio Wave Technology

SmartTraxx is a turn-key software solution for registering, tagging and tracking objects that are stored, assigned, issued or returned.

Radio wave technology (RFID) enables passive tracking of objects and people as they move within facilities or in/out of facilities, keeping track of locations and providing security on a real-time basis. RFID technology reduces costs, improves service, enables compliance and provides real-time visibility.

- ➢ Database of objects and people

- ➢ Bar code, RFID and Bluetooth tracking

- ➢ Real-time visibility and location control

- ➢ Find missing and needed objects

- ➢ Monitor asset calibrations & inspections

- ➢ Improve service and compliance

RFID TAGS CAN BE PLACED ON ASSETS, FILE FOLDERS, JOB JACKETS, SUPPLIES, TOOLS, MATERIALS, INVENTORY, STAFF, VISITORS, VEHICLES OR ANY TYPE OF OBJECT OR PERSON. RFID ANTENNAS CAN BE PLACED AT DOORWAYS, HIGH TRAFFIC AREAS OR AT ANY CHOKE POINT TO TRACK THE LOCATION AND MOVEMENT OF PEOPLE AND OBJECTS. PORTABLE SCANNERS ARE UTILIZED TO TRACK OBJECTS TO STORAGE LOCATIONS, INVENTORY OBJECTS IN STORAGE SYSTEMS AND IN-CIRCULATION AND TO FIND MISSING OBJECTS.

RFID Radio Wave Technology

RFID technology functions by placing tags or labels, which include a unique number and an antenna, onto objects or ID cards. RFID tag #'s are associated with object or people identification #'s in the database. Radio waves are emitted by portable scanners and detection zones. The radio waves are absorbed by the tag's antenna, which return-transmits RFID tag numbers through the radio waves emitted by RFID antennas. The tags that are detected automatically update people and object locations in the database.

Mobile

Portable RFID Scanners have a 20' range and are primarily utilized to inventory objects-in-circulation, so that the object management database always knows where each object is located. The scanner can also be utilized to find missing objects.

Desktop

USB RFID scanners have a 3' range and are attached to computers and automatically update the database with the locations of tagged objects. Each device is named in the database as a person or place, for location identification purposes.

Choke Point

Network-connected antennas can be placed at doorways, elevators, stairwells, along hallways, at entrance/exits or any choke point to passively track objects and people real-time, including the ability to trigger security protocols.

Doorway

RFID office and dock doorways include a network-connected reader with four antennas and two motion sensors, to passively track people and objects entering or exiting facility doors and entrance/exits. Captured RFID data includes objects moved, person moving objects and time/date, and, can trigger security devices such as flashing lights and alarms to prevent unauthorized access or movements. Unauthorized events are time-date stamped and can be reconciled against video security systems.

SmartTraxx Database Management Software

SmartTraxx is commercial off-the-shelf software (COTS) that is configured for each customer based on each project's exacting data, workflow, security and reporting requirements. SmartTraxx has been in continual development since 2003 and is currently installed throughout the USA and in 14 countries, and has been implemented for managing and tracking assets, materials, inventory, tools, supplies, file folders, job jackets, police evidence, police and military weapons, gear and ammo, library books, museum artifacts and people. Smart Traxx is configured to meet any software requirements and is integrated with bar coding and RFID for tracking and finding objects, and with security devices to protect high-value items.

Features and Benefits

► Parent/child database schemas

► Track objects and people

► Print labels with RFID, bar code, text and colors

► Workflow queuing and task management

► Manage task cycles and capture task results

► Complete transaction history audit trails

► Prevent unauthorized access or movements

► Attach documents to database records

► Reserve and request needed objects

► Validate child objects related to a parent object

► Unlimited reports and reporting

► Computerized Registries

► Available hosted and in-house deployments

► Supports proprietary and open-software platforms

► Expert integration with backend databases

Representative Clients

► National Oceanic & Atmospheric Administration

► U.S. Department of Transportation

► U.S. Department of Labor

► U.S. Department of Homeland Security

► United Arab Emirates – Ministry of Interior

► Trinidad-Tobago - Police Services

► Government of Canada - Judiciary

► Government of Botswana - MIST

► Kingdom of Saudi Arabia – Royal Guard

► Government of Tanzania - GERP

► State of Arizona Crime Lab

► State of New Jersey Court System

► Douglas County DA and Prosecutor Offices

► State of Washington School System

► Royal Bermuda Regiment

SmartTraxx is integrated with security devices to prevent unauthorized access or movements.
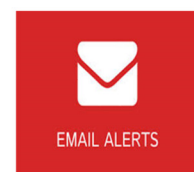
Database Tracking System

Data Entry for Single Expand

Please enter Variable data values for each field below

#	Field Name	Value	Example
	Location		0000-Skacevic, Steve
1	*Client-Matter#		123456-1234
2	*Client Name		John Smith
3	*Matter Name		Estate
4	Area Of Law		Commercial Litigation
5	Expand File Type		COR
6	*Expand Description		Correspondence
7	*Expand Media Type		Expand
8	Retention Code		PERM
9	Expand Volume#		2

#	10	11	12	13	14
Field:	Folder File Type	Folder Description	Folder Media Type	Case Number	Folder Volume#
Example:	COR	Misc. Correspondence	Folder	XX12-123456	2
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

Notes

Print Pos/Row#   1

Sidebar buttons: Save To Database | Add Row | Spread Sheet | Page Preview | Clear | Align

Unlimited Data Views with Single Database Instance

Complex Parent-Child Relationships Supported

Robust Reporting through Pre-configured SQL Queries

Fully Integrated Bar Code and RFID Tracking Technologies

VirtualDoxx

www.virtualdoxx.com

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