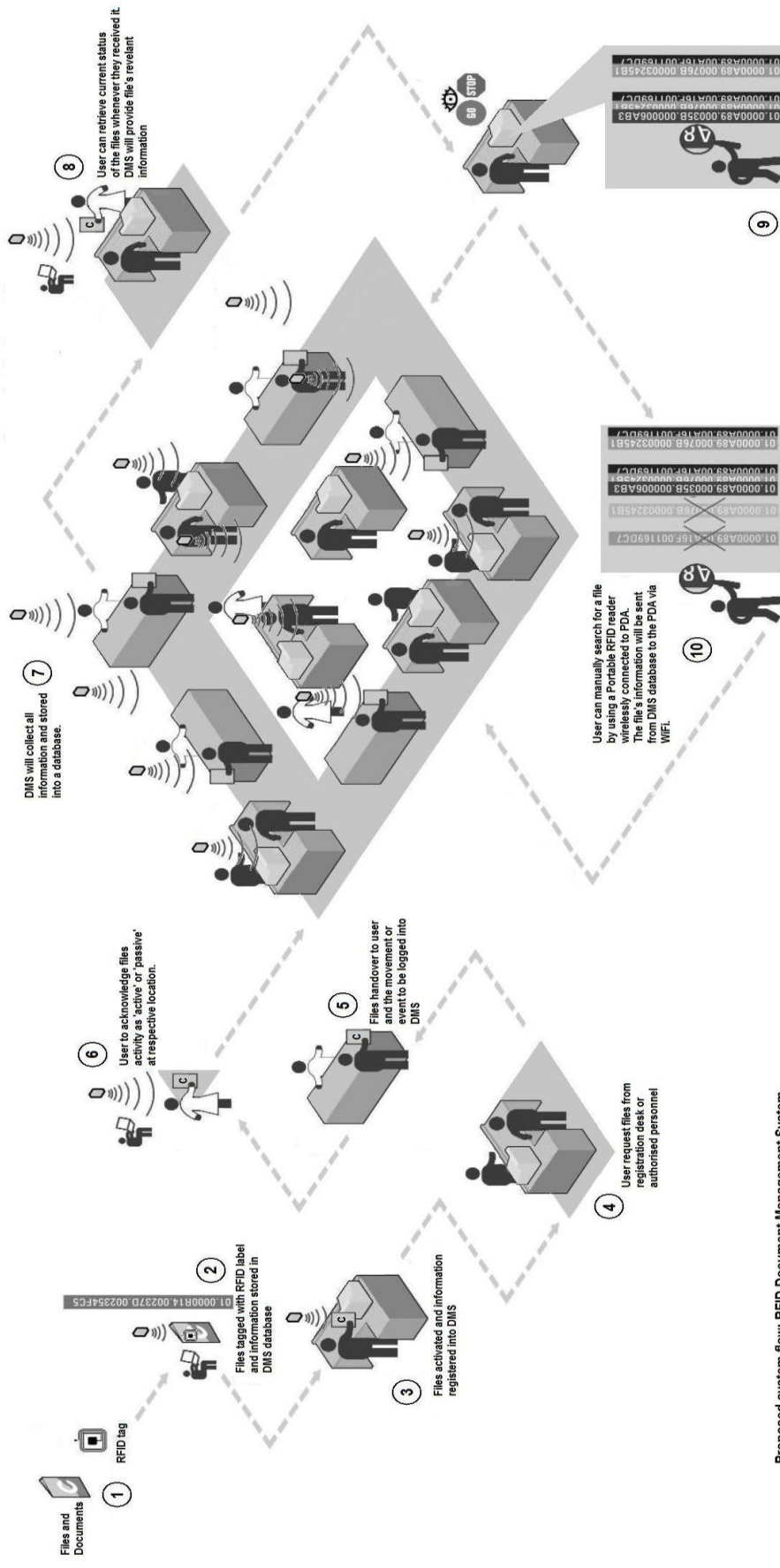




## **Proposed system flow: RFID Document Management System**

1. .. RFID labels to be converted to 'RFID Flag Tag' for file tagging. Attach and secure 'RFID Flag Tag' on the spine of the files. All PCs will be installed with Document Management System (DMS) software.
2. Register RFID tagged files to DMS database. Files information (e.g. files registration ID, client's name, date/time, person-in-charge & etc.) will be loaded into DMS database. Information on the files and RFID tag (programmable) will be matched.
3. Authorised personnel will register the files on a PC with RFID Desktop reader/writer and DMS registration software.
4. Users to request for files from registration desk and authorised personnel.
5. DMS will capture files movement or events and logged the information into DMS database. When the mounted RFID antenna scans the file, the DMS software will display the scanned file's data on PC. Users will acknowledge the event by clicking (configurable methods) on the displayed data. Users must acknowledge on the PC all 'active' events (e.g. registration, handover, handling & etc.) at respective location.
6. When files are taken to or placed at user's workstation, the mounted RFID antenna will detect and scans the files. DMS software (at the workstation) will display the scanned data. User can opt to log the event as 'active' (e.g. handover, temporary custody, safekeeping & etc.) or leave it as 'passive' event (e.g. on transit, no task involved).
7. DMS will collect information of all scanned files and stored into a database. History of 'active and 'passive' data captured will be created for the files and can be use for tracking purposes.
8. User can use DMS to retrieve file's information (e.g. history of movements, upcoming task, comments & etc.) whenever it's scanned at respective location. Additional information for the files can be adds onto DMS if required.
9. To locate current location of a file, DMS software will activate all mounted RFID antennas to swipe scan for the file. Information of the file's location or history will be displayed on PC.
10. User can manually search for a file by using a Portable RFID reader connected wirelessly (Bluetooth interface) to PDA. The required file's information will be sent from DMS database to the PDA via WiFi. When the Portable RFID reader locates the file in its scanning vicinity, the PDA will produce an audio and visual respond.



Files and Documents

RFID bag

Files tagged with RFID label and information stored in DMS database

Files activated and information registered into DMS

User request files from registration desk or authorised personnel

Files handover to user and the movement or event to be logged into DMS

User to acknowledge files activity as 'active' or 'passive' at respective location.

DMS will collect all information and stored into a database.

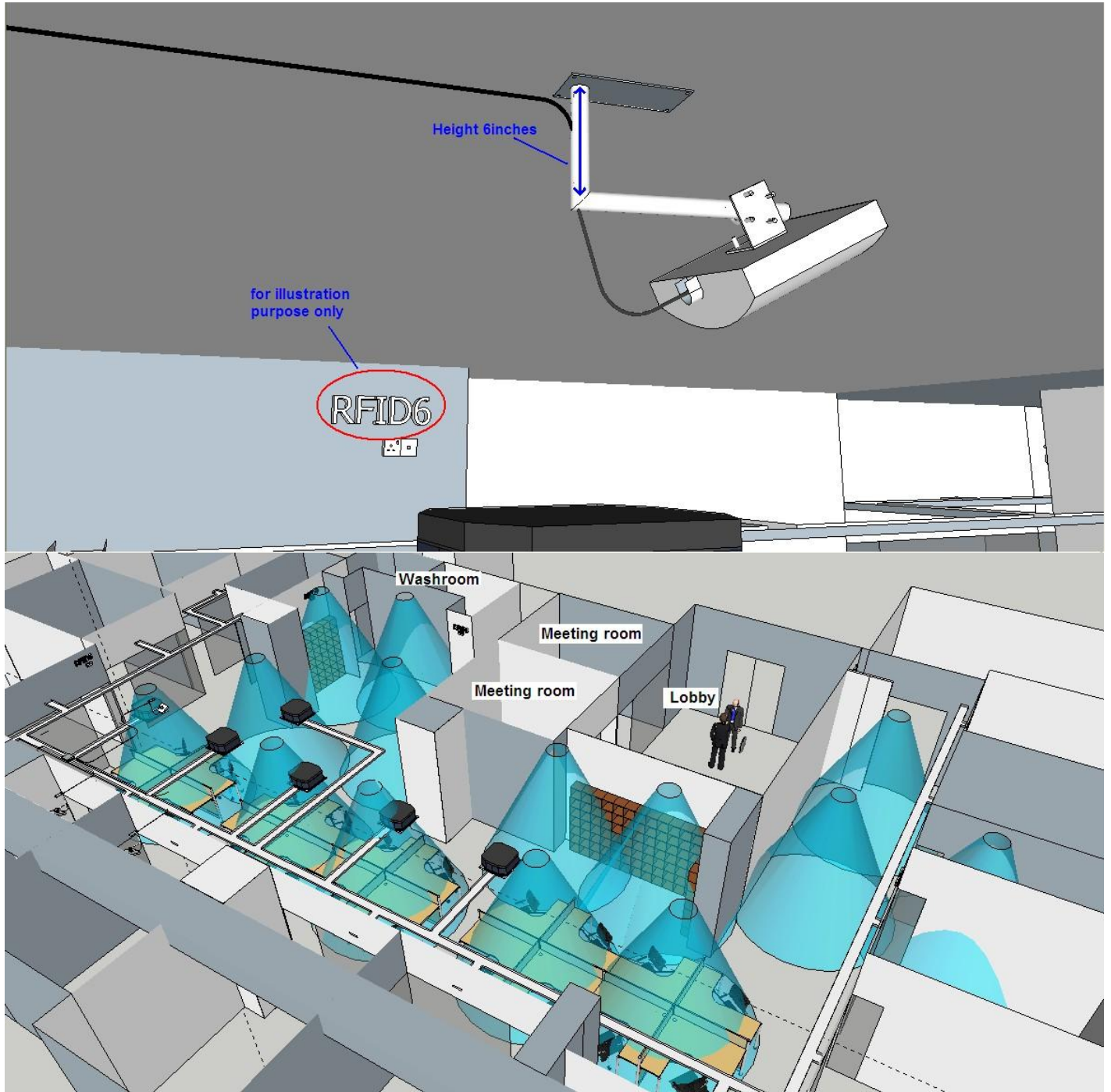
User can retrieve current status of the files whenever they received it. DMS will provide file's relevant information

User can manually search for a file by using a Portable RFID reader wirelessly connected to PDA. The file's information will be sent from DMS database to the PDA via WIFI.

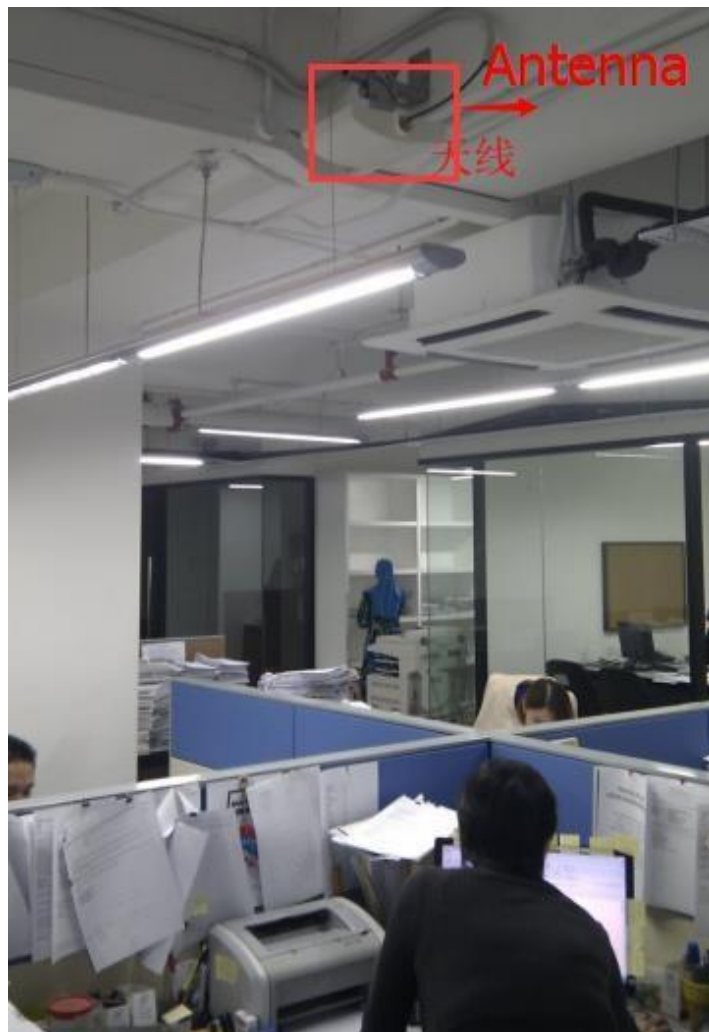
User can search via DMS for file's current location. DMS software will activate all mounted RFID antennas to swipe scans to locate the file. Information on file's location or history will be displayed on PC

Proposed system flow: RFID Document Management System





Proposed RFID zones (14 locations)



The reader + antenna kit is for get document area

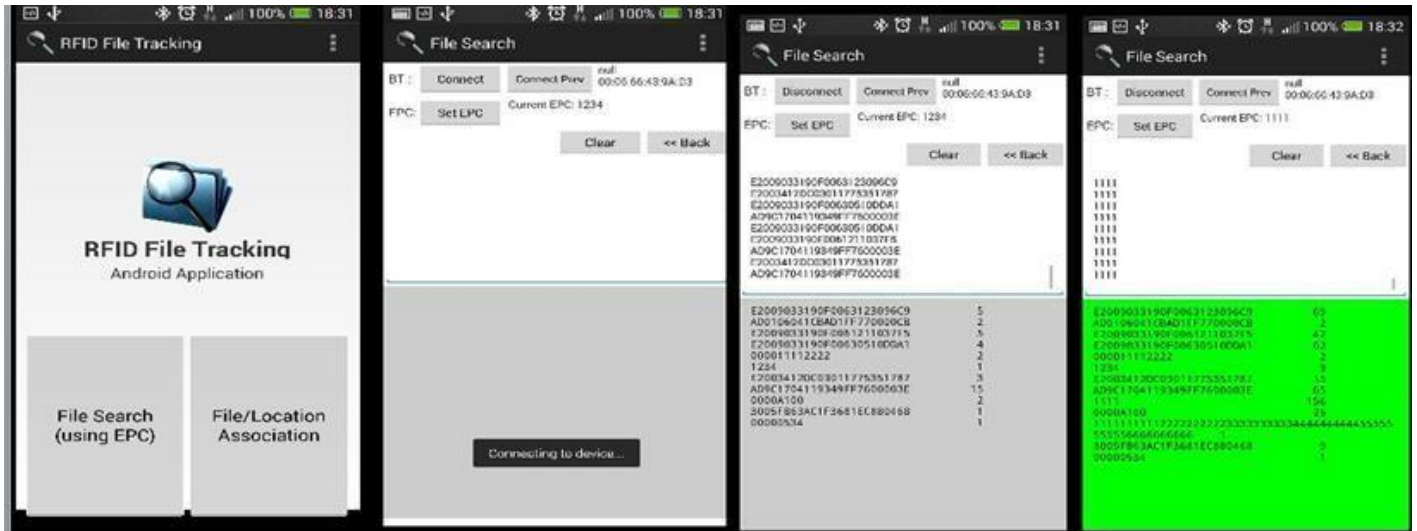
For more exactly tracking using handheld (Bluetooth connect to Android or Win OS )





It come with File tracking Software

You can put the file No, for search



If got , the system will alarm (get green or vibration)



SID-Devices List for files tracking :

Model	Product	Picture
UF-400	4 ports reader or 8 port reader	
UC-900	9 dBi antenna	



UH-200	Bluetooth Handheld with file tracking Demo	
UL-10	UHF 2*4 inch label	

Client can develop the software base the the SDK Or Purchase our File tracking system Like picture showed:

**File Registration**

No.	RFID Tag ID	File Code	File Name	File Date
1556	00000525	A0015195	Kirana	1-Aug-2012
1557	00000517	A1251866	Khadisya	22-Oct-2010
1558	00000520	A1814012	Asmarina	10-Jan-2012
1559	00000527	A4155821	Erlyinda	19-Jan-2012
1560	00000518	A5215801	Hartini	15-Jun-2011
1561	00000524	A5935312	Lilyana	19-Jan-2012
1562	00000531	D1041509	Hidayati	2-Jun-2011
1563	00000521	D1450281	Yanti	21-Mar-2012
1564	00000530	D1491482	Yasmeen	1-Jul-2011
1565	00000523	D1491583	Raden	17-Feb-2011
1566	00000535	D1494128	Jumilah	23-Feb-2012
1567	00000511	D1585501	Soesanti	19-Apr-2012
1568	00000516	D4159231	Fairuza	13-Apr-2012
1569	00000514	D5195381	Parwati	10-Mar-2010

**Edit File**

RFID Tag ID :

Company 1 :

Company 2 :

File Name :

Master Code :

Sub Coding :

File Date :

Description :

Remarks :

Import (CSV)    Code/Name Filter:

**Location Registration**

No.	RFID Tag ID	Location Name
1	00000528	41
2	00007929	46

**Edit Location**

RFID Tag ID :

Location Name :