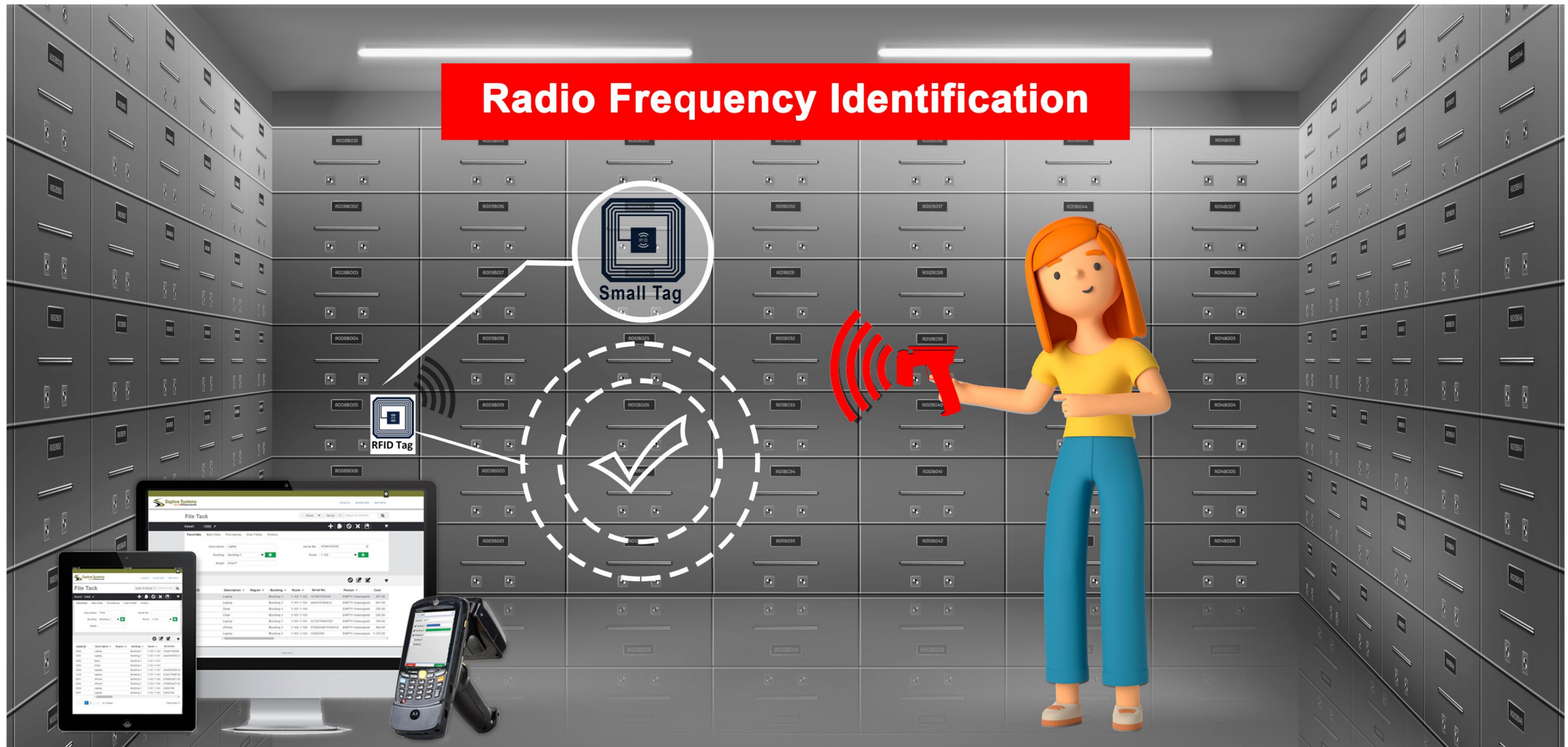



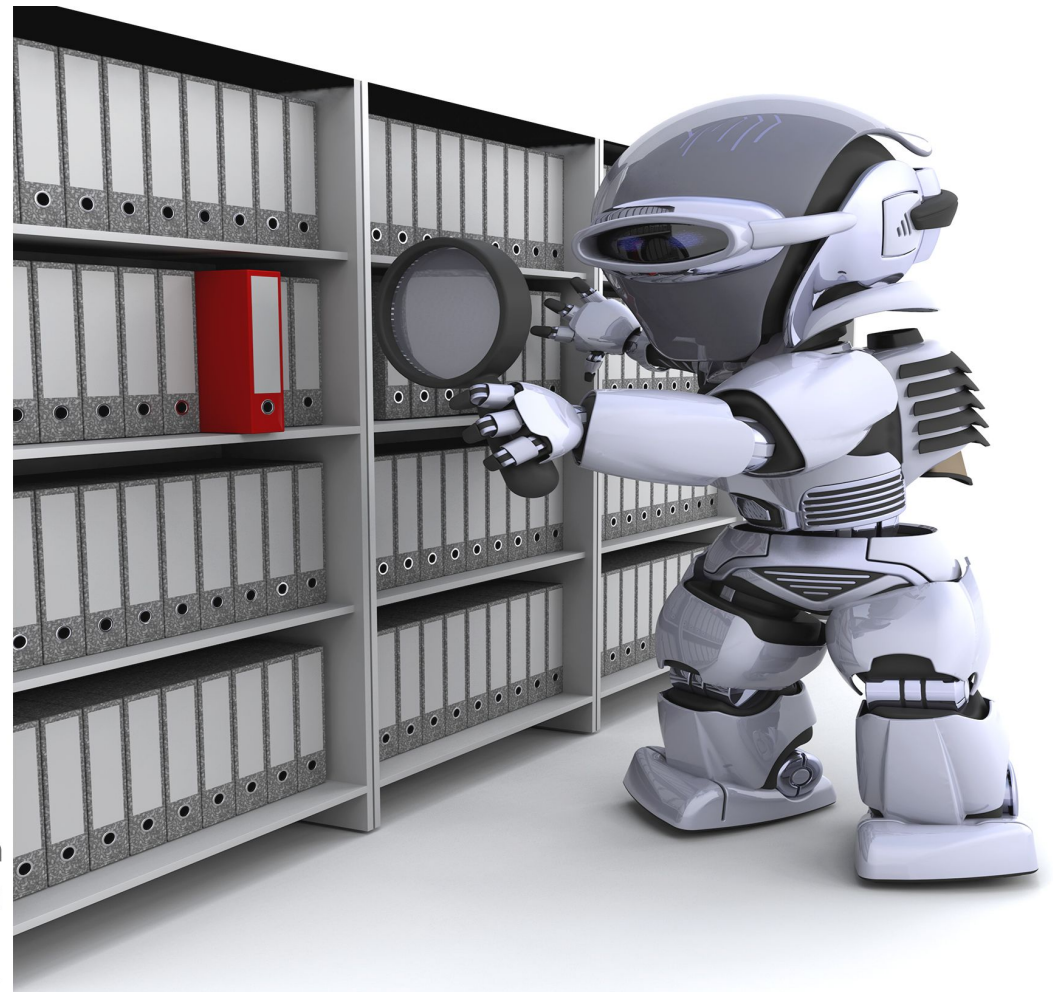
# "RFID FILE TRACKING & INVENTORY MANAGEMENT SYSTEMS"





When we are discussing a solution of File tracking and inventory management or physical-audit for files at organizations, in traditional/older technology manual searching or auditing require more manpower to remove the error or less error though, we can't make it error free/errorless. We have to make these operations one-by-one but in our File Track no need to do it one by one, you just need to move the RFID handheld reader and searching will be done. Similarly, all other works like auditing, etc. need not be done one-by-one it can be done in a lot.

**Daphne Systems Private Limited** is an RFID System Integrator, providing application research-based turnkey solutions. **Daphne Systems** recommend an RFID based Asset & Inventory Management System "File-Track" is designed to be modular and different modules can be used to build a system to meet your requirements, provide identification, tracking, security and automation of Files. Each gate has equipped with entrance and exit RFID readers along with antennas. Each File has a passive tag, which is applied in front of the file. The RFID tag is a high-performance tag that is ideally designed for both metallic & non-metallic files. The RFID system can be integrated with software systems for detailed/customized reporting, searching and error less inventory/physical-audit operations, etc. for the organization. Implementation of File-Track is quick and easy and can be used in conjunction with existing systems. We use Standards Protocols - UHF EPC Class 1 Gen 2(Frequency 860-960 MHz) for our solution for communication between Tags and RFID Readers.





# OUR SOLUTION

## User Friendly

If something, especially something related to a RFID, is user-friendly, it is simple for people.

## Hassle Free

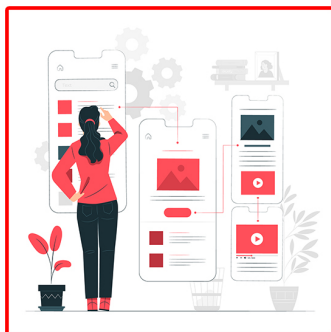
Working comfortably without any problem.

## Reduce Time

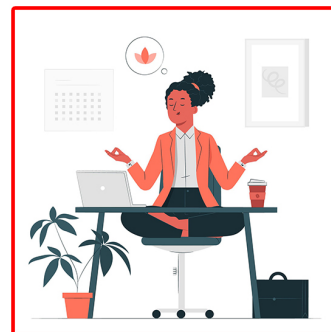
Known for reducing time and searching easily.

## Less Maintenance

It's require very little time, money, or effort to look after them.



**User Friendly**



**Hassle Free**



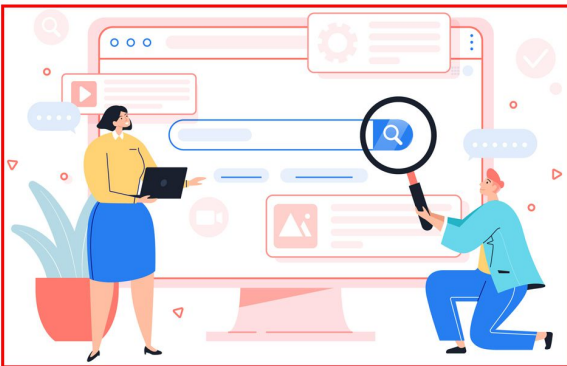
**ReduceTime**



**Less Maintenance**

# RFID SOLUTIONS

RFID Technology Enables a Break-Through Revolution in Tracking File / Documents. It is Especially Beneficial in Those Environments where the Documents are of High Value to the Organization, and the Temporary or Permanent loss of a Document would have Significant Negative Impact, such as Intellectual Property, Key Medical Records, Property Ownership, Financial Documents or Documents Vital to E-Discovery. Document Tracking & Management Solution Enable Organizations to Efficiently Track and Management Documents in any Environment. It Automates Document Tracking using RFID, Improves Operational Efficiency and Reducing Cost Incurred Losing Important Documents. With Our File and Document Tracking Systems, all the Physical Documents and Files as well as Digital Documents can be Attached with Proper RFID Tags. These Tags Contain the Important Information about the Document such as User, Location, issue date, receipt date, etc.



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Improve the Tracking of Documents in Offices and Among Departments

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Automated Search Process and Minimized Staff Handling

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Easy to find missing and misplaced files

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Efficient Tracking System for Documents in Safe-Keeping

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# Benefits to RFID File Tracking & Inventory Management

## SALES GROWTH:



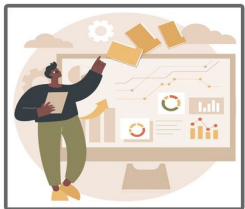
Retail stores have shown an 8% – 10% sales growth from knowing what they have in real time. Using RFID technology for real time stock analysis means popular items don't run out of stock.

## QUICK, PRECISE IDENTIFICATION FOR INVENTORY RFID:



Allow items to be identified quickly and reliably. The speed of data capture using an RFID system is less than 5% of the time taken in a manual process.

## DATA SOURCE RFID:



Tags have a memory chip installed allowing storage of an items; location, serial number, manufacturer, temperature throughout a journey, vibration data for fragile goods., use history and even a maintenance schedule

## FASTER DISTRIBUTION:



The efficiency and accuracy of the selection process created by RFID management systems means a quicker distribution time

# Benefits to RFID File Tracking & Inventory Management

## LIVE ACCURATE DATABASE;



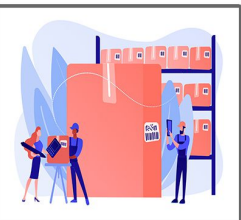
Having an operational RFID based file tracking / inventory management system, means you have a live files database that's accurate.

## REDUCED LABOUR IN DEPARTMENTS FILE MANAGEMENT:



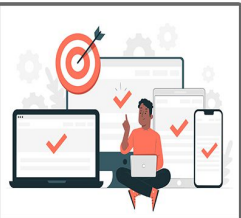
Keeping track of your files can be extremely labor intensive and time consuming. RFID reduces this with greater logistics control.

## MULTIPLE ITEMS AT ONCE WITH RFID:



Tags use radio signals to identify an item so there's no need for line of sight. The ability to read multiple items quickly means a faster read is achieved than a manual barcode scan process.

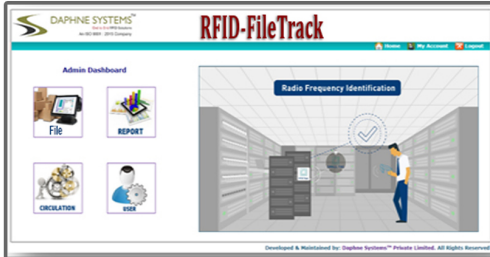
## IMPROVED READ ACCURACY WITH RFID:



The read accuracy of RFID is 99%+. The speed of the process should equate to less than a couple of percent of a manual process.

# RFID COMPONENTS

## FileTrack & Inventory Management Systems:



The FileTrack application software forms the backbone of the whole system. It performs end to end functionality from programming the RFID tags, which is to query the system for locating the position of particular asset. We have complete software package including FileTrack-Monitor, FileTrack-Mobile & FileTrack-web.



- FileTrack-Monitor an application that monitors the movement (In/Out) of Files from one department to another department and provides visual representation on GUI and tagging process of Files.
- FileTrack-Mobile is android app which allow to use this system to know the information of particular file on mobile along with many features.
- FileTrack-Web is java based web application (with Apache-server and MySql database) which allow to use this system as particular user as well as administrative privilege.

## RFID UHF Fixed Reader:

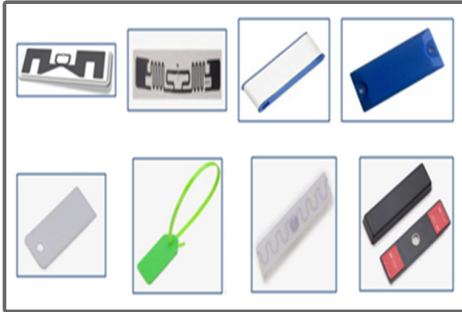


This innovative long- range integrated reader is an all-in-one device that operates at a frequency range of 860 to 960 MHz and is an ideal solution for applications such as intelligent traffic management, logistics, ticketing and access control. It boasts various features including a built-in 12 dBi antenna and RS-232, Wiegand26/34 and RS485 interfaces that make it easy to install and use. Additionally, the range of RF power is 0 to 30 dBm which is adjustable via software.

- High performance, easy installation
- Built-in 12 dBi antenna ensures long-range reading and writing
- Super anti-interference ability
- Provides all kinds of communication interfaces and customizing is available too

# RFID COMPONENTS

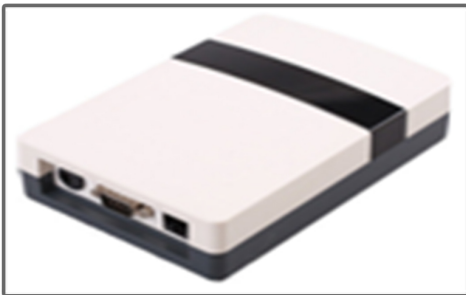
## RFID Tags:



RFID tags and transponders that have different features and functionality that are designed for specific applications. Whether your assets include livestock, clothing, blood samples, laundry, vehicles or even people, a specific RFID tag engineered with the right features mated with the correct RFID readers will allow you to successfully track your files.

- UHF/ FCC: 902-928MHz ETSI: 865-868MHz ASIA: 950-956MHz
- Protocol-ISO 18000 6C EPC Class 1 Gen 2

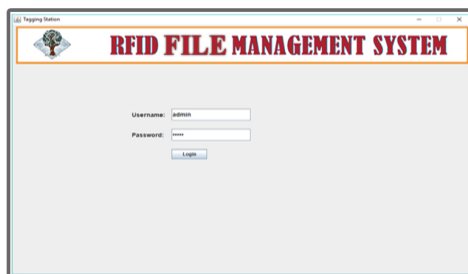
## RFID UHF Desktop Reader:



The UHF Desktop Reader is used for tagging, in which mapping of the RFID Tags with File's Ids is being done.

- Self-intellectual property
- FHSS or Fix Frequency transmission
- Low-power design, USB direct power supply
- Provide DLL and Demonstration Software Source code to facilitate further development

## Tagging Application Software:

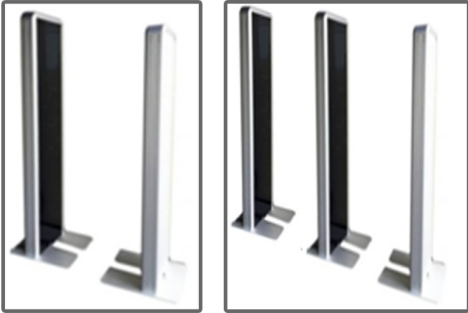


The Tagging Station is a stand along desktop application software. It is used for mapping of tags with File Id that will past on files for their tracking with RFID Device.

- Convert existing materials to RFID quickly and easily; more than 3 times per minute
- Program RFID Parton cards and update the information in database
- Processes barcode and RFID Tags

# RFID COMPONENTS

## RFID Security Gate:



The UHF Security Gate is used for track/detect the RFID Tagged Files movement through the entry & exit.

- Available in a single lane and multiple lane options
- Visual and audible alarms at unauthorized item being taken out
- An innovative security system ensures a high-level of protection
- Industry-leading read range
- Audio visual alert facility.

## RFID Handheld Reader:



Android rugged RFID reader that boasts best-in-class UHF RFID capability. Built with embedded Impinj R2000 chip, it enables more than 15m of read distance outdoors. The RFID reader features perfectly meet demands in intensive applications, especially in asset management, retail, warehousing, apparel inventory, expressway toll, fleet management, finance, etc.

- Cortex-A53 Octa-core 2.5GHz.
- Android 8.1.
- RAM+ROM: 3+32GB / 4+64GB (optional)
- 8000mAh Powerful Battery

## Android Based Application Software for Handheld Reader:



The Android Based Application Software forms the backbone of the Handheld RFID reader. It performs end to end functionality i.e. Inventory, Searching, Audit, Report etc.

- Real Time Inventory
- Easy to find mislocated and missing items
- Useful for Remote searching i.e. small space search
- Use for Audit

# Daphne Service and Support

## Unrivalled Assistance You Can Rely On

With more than 17 years of experience, we are maintaining our product quality, services, and commitment in the RFID industry. We are using globally branded products as per follow international/global standards. We provide customized solutions as per organization/department requirements. We are committed to innovating our services/support and timely delivery. Our RFID solutions are very eco-friendly.

## with our organization you get assurance



trained technicians  
providing premium support

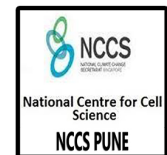
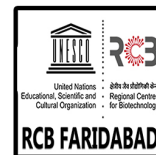


quality control  
assurance



ongoing software  
updates and bug fixes

## Our Esteemed RFID Clients



...and many more

we are certified form:



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