



RFID

Huge Saving in Man Hours

What is RFID?

RFID stands for Radio Frequency Identification. RFID is a means for tracking goods by way of tags which store information electronically. There are two types of RFID – Active and Passive. RFID tags do not require line of sight and can create huge reductions in time for tracking as well as auditing processes.

Many leading organisations are taking advantage of RFID's capability to deliver benefits such as real time asset tracking, instant bulk auditing and comprehensive governance and compliance over the full life-cycle of individual assets.

Adopting RFID technology saves organisations time and money while also providing comprehensive visibility on asset utilisation.



Parachute Tracking and Life-cycle

A prominent Defence organisation undertook a pilot project using RFID and Hardcat to create a cradle-to-grave solution for their parachutes.

- Audit of their parachute inventory usually took approximately three months
- Ran a pilot program on approximately 15 per cent of their inventory using a Hardcat solution
- An audit that would otherwise have taken over a week was completed in less than an hour
- Simply walking along the line of parachutes with hand-held RFID reader.



Tracking Tools

A major manufacturer of high precision medical equipment selected a Hardcat based RFID solution to track and find their expensive tools used across diverse projects within the organisation.

- Previously, it had been taking several hours to locate tools which negatively impacted productivity
- In the middle of implementation, two tools already in the system went missing but were located within five minutes using Hardcat Search and Find



Firearms Audit

An Australian Police force is currently performing a pilot site installation of Hardcat's RFID solution to reduce the time taken to track the last seen location of assets using RFID gateways and Hardcat software as the ultimate source of truth for asset intelligence.

- Mass audits of assets by location and people to ensure visibility of high value and/or critical assets
- All assets requiring tracking assessed and tested for best placement, size, type and shape of RFID tags
- Time required to perform frequent audits - three times a day at the end of each shift in the armoury, for example - reduced by approximately 90 per cent
- All essential assets have the highest visibility and transparency on their whereabouts

Document Management

The first Hardcat fixed RFID tracking solution was created in 2007 for a legal firm in USA looking to track client and case files in and out of their document library.

- A combination of passive tags for files, tags on staff ID cards and fixed doorway readers
- Solution developed that tracked the location and custodian of the files
- Dramatically improved efficiency and eliminated misplaced/lost files



RFID and Audit using Popcorn

Hardcat's Popcorn application does not require a direct line of sight to individual assets. One hand-held RFID reader is all you need to complete an audit in a fraction of the time that would be required using manual, visual ID and/or barcode scanning.

- Hardcat RFID is currently used in several police armouries around the world to successfully reduce mandatory audit processes from hours to seconds.
- The popcorn feature instantly highlights assets found, assets missed and assets belonging to another during the audit prompting the user to instigate work flow action.
- Many Hardcat clients use this best-of-breed asset management tool to capture data and seamlessly export it to their ERP systems that lack such a specialist function.

RFID and Searching

Hardcat advanced asset management now includes a 'Search & Find' application.

- The application runs on a portable hand-held RFID reader.
- Alerts get louder as you get closer to the asset being sought, similar to a Geiger counter.
- A client uses a Hardcat RFID solution to track expensive tools, can now find tools in minutes where it used to take hours thereby reducing down-time and increasing asset utilisation.

Buying RFID Tags and Handheld Readers

To remove the complexity of implementing an RFID solution, our RFID implementation engineers and subject matter experts are happy to consult with you to understand your complete requirements and then suggest a range of tagging devices and readers designed to meet your specific objectives and your budget.

Were to From Here?

Hardcat recommend a site visit by one of our consultants to look at your environment as well as your required solution. With RFID it is not a matter of one size fits all, the tags and readers that you use will depend upon the environment, asset types and the outcome you require. Hardcat has invariably discovered that a targeted pilot program successfully proves the solution and often yields changes to project scope to achieve greater value from the RFID implementations.

RFID Person Audit

People audits ensure that personnel are kept safe and accounted for. Can be as simple as allowing only identified staff into offices through performing an RFID audit by a location or as complex as identifying necessary safety equipment needed on the job.

- Particularly valuable in professions such as law enforcement, defence and fire brigades
- Scan the person's badge or ID card and get instant alert identifying any missing essential equipment required in the line of duty

RFID Bulk Asset Audit

RFID bulk return is very much in the domain of emergency services and law enforcement.

- All assets automatically logged when the person returns to base with their assets.
- All assets are automatically logged as being returned to base with a simple swipe of the RFID wand.
- Generates real time alerts about any assets that were not returned.

RFID and Fixed Readers

Fixed readers for doorways and Hardcat's Sentinel software allow automatic registering of both assets as well as personnel.

- Offers an unmanned means of tracking asset movements at designated points.
- Allows rapid movement of assets and personnel without requiring individual interaction with equipment.

Contact your Hardcat consultant for deeper, more personalised RFID advice on your specific business challenge.

HARDCAT

Delivering Asset Certainty

Hardcat solutions have been chosen by more than 2,000 of the world's most prestigious corporate and government bodies in 121 countries around the world.

Join our list of satisfied clients who have already performed your due diligence for you. No one else has our credentials or credibility when it comes to asset management solutions.

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