

# HARDCAT

Delivering Asset Certainty

## Battlefield and Project Deployed, Asset Tracking Software

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Hardcat is a software development company specialising in tracking technology and services for over 36 years.

Our software tracks assets, inventory, people, documents as well as evidence.

Highly innovative supplier of tracking software to over 3,000 clients in over 121 countries, to Government as well as private industries.

### Locations:

Australia, United Kingdom, South Africa and USA

### Employees:

38

### Ownership:

Privately owned Australian Company

### Quality Standards:

- ISO9001 Accreditation
- LORS Recognition - Letter of Recognition Supply - Australian Defence Force
- Member of DMOSS panel - Defence Material Organisation Support Services



## DISCRIMINATORS

- Fast and easy deployment as a point or enterprise solution
- Fraction of the cost of large ERP corporate enterprise systems
- Flexible configuration for rapidly changing environments
- Robust - Proven 100% reliability in war zones
- Used in East Timor, Bosnia & Kosovo, Iraq, Afghanistan and Syria
- Used extensively in theatres of war
- Complete chain of custody
- Government Owned Equipment Accountability
- Government Owned Equipment Audit



## PRODUCT/CAPABILITIES

- Issue and return of goods utilising barcoded Military ID cards
- Records photographic ID and Military ID for enhanced security
- Tamper proof chain of custody audit trail
- Flexible platform to handle any type of asset
- Ensure you meet compliance obligations
- Reduce risk of equipment loss and misuse
- Simple uploads and download to your ERP system
- Secure SQL database housed on your servers
- Barcode and RFID tracking capability
- Role based control restricting access to equipment/reports
- Online and Offline capability
- Unlimited user definable fields
- All data stored and transferred within your secured network
- Unit level financial responsibility
- Capable of tracking where people are operating in the field

## HIGHLIGHTS

- G20 Brisbane Summit in 2014, Hardcat controlled weapons
- Hardcat tracked officer's physical locations during G20
- Commonwealth Games in 2006, Hardcat controlled weapons
- Commonwealth Games Hardcat issued weapons at 1.5 seconds per item to officers
- Pope's Visit to Sydney in 2008, Hardcat controlled weapons
- Nobel prize in 2014 for Hardcat client OPCW
- Roll out of Hardcat to every Australian Embassy through DFAT
- Hardcat awarded and developed NSW Police Forensics system



## KEY CUSTOMERS AND PARTNERS DEFENCE



THALES



## POLICE



## BAE MARITIME NAVAL (Aircraft Carrier Alliance)

BAE Maritime Naval Ships who were already using Hardcat to record and maintain assets for the Type 45 Destroyer have now expanded the use of Hardcat to record assets and maintenance activity for the Queen Elizabeth Class Carriers.

BAE required a system that could handle both Mission Systems (on-board weapon systems) as well as Sustainment Maintenance Systems. The system was required to handle well in excess of 55,000 assets – pumps, valves, generators, hangar doors etc.

Hardcat produces hundreds of work orders per day that are updated using PDA technology. Using a PDA Engineers can visit each compartment on board and see what work orders are required to be undertaken and update actions in completing those on the PDA.

With a seven year contract with Hardcat for support and maintenance of their Hardcat system, BAE are secure in the knowledge that from construction through to delivery of the two carriers; HMS Queen Elizabeth and HMS Prince of Wales to the Royal Navy, sustainment maintenance will be covered in an automated way.

*“One of the main aspects that has made the whole process of employing Hardcat so suitable for the QEC build maintenance is the professional, patient, accommodating and friendly attitude of all the Hardcat staff who have been on hand to respond to all and every query along the way...”*



## CATTERICK (British Army Infantry Training Centre)

The Infantry Training Centre Catterick is responsible for training approximately 3,000 new recruits a year and provides various other training courses for 1,000's of soldiers.

The armoury had a requirement for a system that would cater for the fast issue and return of weapons and associated sights.

Hardcat was chosen due to its simple and efficient method of issuing weapons using barcode technology.

The time to issue and return weapons was reduced from 2 minutes to 1.5 seconds per weapon.

The additional benefit is an audit trail (chain of custody) showing who the weapon had been issued to along with the date and time.

The ITC has the largest armoury in the UK (Approx. 8,000 weapons) and issues thousands of weapons to troops which must be tracked and accounted for.

Some of the points catered for are:

- Hardcat dedicated MoD Issue / Return Interface used
- Soldier's barcoded ID is scanned
- Weapon being issued is scanned
- Special scanners read damaged labels
- Hardcat is updated immediately
- Virtually no training required
- System stops weapons requiring armourers check / repair being issued
- Report shows what weapons have not returned



## HQ LAND - TIGER (Theatre Integrated General Equipment Register)

The UK Ministry of Defence required a system that allowed them to perform audits of vehicles and other military equipment used in theatres of war.

Hardcat was chosen as the product that catered for their requirements, because of its flexibility, functionality and ease of use as well as its robust nature and proven track record.

A new group was set up called TIGER whose role was to maintain an inventory of designated equipment that are deployed in support of UK Defence missions in order to provide commanders, at all levels, with a timely and accurate audit and information tool.

The TIGER team track Tanks, Armoured Cars, APC's, Land Rovers and other vehicles in and out of operational theatres.

The aim of TIGER is to physically audit every asset at least every 90 days.

The TIGER audit team visits each theatre of operations as follows:

- Pre deployment visits
- Capture at SPOD/APOD
- Mid tour visits
- Capture at SPOD/APOD
- Post deployment visit



## BAE Systems Australia (Hunter Class Frigate Program)

BAE Systems Australia is leading the design and build of a fleet of Hunter class frigates.

Hardcat was chosen as the digital tool tracking solution, with the objective of establishing a capability that can be adopted across the shipbuilding enterprise.

The implementation of digital tool tracking has been identified as a pivotal opportunity to enhance shipbuilding productivity, elevate quality standards, bolster safety measures, and ensure comprehensive tool accountability.

Hardcat tool tracking has effectively superseded labour-intensive paper-based processes with a streamlined digitally automated system for overseeing thousands of tools at the Osborne Naval Shipyard.

This implementation encompasses the following key features:

- Authentication of employees using security pass scanning
- Effortless tool issuance with job card association facilitated through wireless scanning
- Robust tool calibration and service management
- Validating Suitably Qualified and Experienced Personnel (SQEP) during tool issuance, significantly improving safety by ensuring proper tool qualification before distribution

