



# HARDCAT

Certainty When It Matters

## Law Enforcement Clients

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Police Solution

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07/03/2022

# Hardcat Lebos Enterprise Law Enforcement Solution



Alcometer/Breathalyzer

Ballistic Vests and Plates

Batons

Body Worn Cameras

CED (Tasers)

Communications Equipment Carriers

Firearms and Armoury Assets

Handcuffs

Helmets

PPE

Radios

Specialist Assets

Speed Cameras

Vehicles

... any other asset class



# Law Enforcement Clients



## Organisation

- Australian Federal Police
- Corruption and Crime Commission of WA
- Essex Police
- Independent Broad-based Anti-corruption Commission VIC
- Independent Commission Against Corruption SA
- Independent Commission Against Corruption NSW
- Kent Police
- New South Wales Police
- Queensland Police
- Royal Gibraltar Police
- South Australia Police
- Victoria Police
- Western Australia Police

## Country

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# What We Do and How



- Electronic issue and return of firearms for officer safety and daily accountability
- Check out and receipt of equipment at the required locations for chain of custody
- Preventative and reactive job creation to ensure equipment is maintained, defect free and safe
- Firearm calibration jobs and notifications allocated to appropriate armourers for compliance and safety
- Equipment disposal and replacement planning
- Ensuring accuracy of whereabouts of all equipment at all times
- Mobility applications and audit jobs to conduct biannual firearm audits easily and accurately
- Speedy and accurate daily station firearms and equipment audits using mobile audit tool and tagging
- Proactive budgeting for managing end of life and replacement of equipment
- Tools to assist with compliance of Operational Safety Training and Tactics (OSTT) equipment
- Notifications/alerts of prominent events for safety and good governance
- Reporting and dashboards for complete visibility
- Role based permissions and views
- Integration with key tools such as ERP or HR systems for seamless experience



# Australian Federal Police



- Year of Purchase: 2016
- Hardcat Products: Hardcat SM EAM
- Number of Officers: 7,000
- Number of Stations: 9
- Entity Tracking: Assets

## Description of Use

AFP Logistics Unit procured and implemented an instance of the Hardcat solution to help streamline the critical task of firearm audits which needed to be conducted fortnightly. This usually took two full-time resources over one week to conduct.

Hardcat implemented a solution comprising of fixed RFID readers, antennas and hand-held readers to reduce the time taken to track and audit firearms and other policing equipment down to days as well as improving accuracy and historical records.

Hand-held RFID readers together with Hardcat mobility software enabled locating any missing critical assets easily and quickly.

# Corruption and Crime Commission of WA



- Year of Purchase: 2006
- Hardcat Products: Hardcat SM EAM
- Number of Offices: 1
- Entity Tracking: Assets

## Description of Use

Hardcat is used by CCC to control a variety of different asset classes, including computers, audio visual assets, air conditioning and other plant and equipment.

The system controls preventative maintenance as well as ad hoc registration of problems and caters for all of their audit as well as compliance requirements.





# Essex Police



- Year of Purchase: 2002
- Hardcat Products: Hardcat SM EAM
- Number of Officers: 3,842
- Number of Stations: 20
- Entity Tracking: Assets

## Description of Use

Essex Police are responsible for policing Kent and Essex in the South East and East of England, consisting of over 3.6 million people. There are more than 7,300 officers within the two forces.

In 2007 Essex Police started a collaboration to share support services such as administration and fleet. As part of this collaboration, it was necessary for the support services to maintain and support IT across both forces.

Essex Police had a requirement to implement a dedicated fixed asset tracking system as previously most assets were monitored by individual departmental systems.

Hardcat was recognised as an incumbent solution since 2002 being used by Essex Police and due to Hardcat's rich functionality and features within the product. It has been expanded to incorporate all of Kent and Essex Police Forces assets, now holding up to 150,000 IT assets.

Essex Police had 349 marked vehicles as of May 2021 plus a small number of unmarked/covert vehicles.

# Independent Broad-based Anti-corruption Commission Victoria



- Year of Purchase: 2017
- Hardcat Products: Hardcat SM EAM
- Number of Offices: 1
- Entity Tracking: Assets

## Description of Use

Hardcat is used by IBAC to control a variety of different asset classes including computers, audio visual assets, air conditioning and other plant and equipment.

IBAC also manage I.T. equipment such as racks, servers, PC's, monitors etc. The key purpose of the solution is to provide ease with auditing of assets for end of Financial Year reporting and compliance using RFID to create efficiency.





# ICAC

## Independent Commission Against Corruption

SOUTH AUSTRALIA

## Independent Commission Against Corruption SA



- Year of Purchase: 2017
- Hardcat Products: Hardcat Lebosi Enterprise
- Number of Offices: 1
- Entity Tracking: Evidence

### Description of Use

Hardcat Lebosi Enterprise Property and Evidence provides all the functionality for complete exhibit tracking and management. It has end-to-end control together with audit trail of all property and evidence from initial capture all the way to final disposal.

Hardcat Lebosi Enterprise Property and Evidence provides a consolidated view of all items as well as a complete and unbreakable chain of custody. This is made possible by combining advanced design and the latest technology. The major advantage of Hardcat Lebosi Enterprise is the reduction of administration time from weeks to minutes thereby releasing officers for other duties.

The Hardcat Lebosi Enterprise solution was created by Hardcat which has 10 years of relevant experience. This unrivaled experience was gained from designing and implementing a market leading bespoke solution serving 20,000 officers which has yielded impressive results and stood the test of time.

# Independent Commission Against Corruption NSW



- Year of Purchase: 2007
- Hardcat Products: Hardcat SM EAM
- Number of Offices: 1
- Entity Tracking: Assets

## Description Of Use

ICAC NSW have implemented the Hardcat solution to manage the depreciation and auditing of their furniture, fittings and ICT equipment. This allows them to ensure that the accuracy of their asset register is maintained at all times for financial reporting and management of assets.





# Kent Police



- Year of Purchase: 2020
- Hardcat Products: Hardcat SM EAM
- Number of Officers: 4,147
- Number of Stations: 20
- Entity Tracking: Assets

## Description of Use

Kent Police forces are responsible for policing Kent and Essex, in the South East and East of England, consisting of more than 3.6 million people. There are more than 7,300 sworn officers within the two forces.

In 2007 Kent Police started a collaboration to share support services such as administration and fleet. As part of this collaboration, it was necessary for the support services to maintain and support IT across both forces.

Kent Police had a requirement to implement a dedicated fixed asset tracking system as previously most assets were monitored by individual departmental systems.

Hardcat has been recognised as the preferred solution for Essex Police since 2002 due to Hardcat's rich functionality and features within the product. It has been expanded to incorporate all of Kent and Essex Police Forces assets, now holding up to 150,000 IT assets.

Kent Police had 360 marked vehicles as of March 2019 plus a small number of unmarked/covert vehicles.

# New South Wales Police



- Year of Purchase: 2008
- Hardcat Products: EFIMS/Hardcat Lebos Enterprise
- Number of Officers: 17,348
- Number of Stations: 432
- Entity Tracking: Evidence
- Integration Points: Tivoli, COPS, DAL, PAL

## Description of Use

In 2008, Hardcat won the NSW Police tender to write their Exhibits Forensics Information and Miscellaneous System (EFIMS). Hardcat have taken the good components of this bespoke system and created our leading edge 'All of Police' solution, Hardcat Lebos Enterprise. Hardcat designed Hardcat Lebos Enterprise so that additional solutions could be added to our 'All of Police' platform. NSW Police Force consists of more than 400 local police stations and covers an area of 801,600 square kilometres in a state of some seven million people.

Success with the EFIMS system saw the project expanded so it could be integrated with NSW Police Force's core, mainframe based Computerised Operational Policing System (COPS; an operational database used to record victim, offender and incident information. This means that it supports complete transparency on cases, events and incidents in relation to all jobs and tasks that all officers perform in the field.

Operationally, EFIMS now enables NSW Police to know the exact whereabouts and history of any piece of evidence gathered by any officer anywhere in the State of NSW Australia. Providing a comprehensive tracking and information management solution that records every touch point on forensic evidence and investigative intelligence, the EFIMS solution is facilitating a new era of best practice electronic information management for the NSW Police.

EFIMS ushers in new automated and fully auditable tracking processes. These dramatically reduce the amount of time police officers spend on maintaining manual evidence logs or briefs as each piece of new information is only ever entered once joining a full audit trail of every entry and interaction.





# Queensland Police

- Year of Purchase: 2008
- Hardcat Products: Hardcat SM EAM
- Number of Officers: 11,880
- Number of Stations: 335
- Entity Tracking: Assets

## Description of Use

The Queensland Police Specialist Response Group (SRG) utilises Hardcat for their asset tracking, this includes firearms, tasers, radios and all other Operational Safety Training and Tactics (OSTT) equipment. The solution manages the allocations of assets and assignment and stock management.

The solution also provides the group with a high degree of accountability through the mobile auditing tools utilising both barcode and RFID technologies.

Road Safety Camera Office | Road Policing Command management in Queensland track all fixed and mobile speed cameras, capturing their precise locations and maintenance and calibration requirements. The solution also interfaces into the fines system that extracts camera locations for display on the official infringement document.

# Royal Gibraltar Police



- Year of Purchase: 2022
- Hardcat Products: Hardcat Lebos Enterprise
- Number of Officers: 220
- Number of Stations: 2
- Entity Tracking: Assets

## Description of Use

Royal Gibraltar Police is the principal civilian law enforcement agency in the British overseas territory of Gibraltar consisting of over 220 police offices across several units.

It was established that the Firearms Unit had a requirement to move away from the traditional paper-based issue and return of firearms and equipment with a software offering that would incorporate the use of both barcode scanners and labels.

The Royal Gibraltar Police are implementing a Hardcat Lebos Enterprise solution to manage the issue and return of weapons to their armed officers (43 in number) as part of their move into new premises. They will also be maintaining spares levels for the weapons within the solution. Where weapons are configured for a specific officer, the solution will ensure that only that officer can be issued the weapon. This will replace a manual process which is currently in place.





# South Australia Police



- Year of Purchase: 1990
- Hardcat Products: Hardcat SM EAM
- Number of Officers: 4,948
- Number of Stations: 138
- Entity Tracking: Assets

## Description of use

Hardcat is used by South Australia Police to control all office equipment. This equipment includes, computers, audio visual assets, air conditioning and other plant and equipment.

The system controls preventative maintenance as well as ad hoc registration of issues and caters for all of their audit as well as compliance requirements.

# South Australia Police



- Year of Purchase: 2006
- Hardcat Products: SEAMS/Custom Enterprise Asset Management Solution
- Number of Officers: 4,948
- Number of Stations: 138
- Entity Tracking: Assets
- Integration Points: Active Directory

## Description Of Use

The South Australian Police (SAPOL) implemented SEAMS to manage the maintenance and certifications of all speed cameras across South Australia.





# Victoria Police



- Year of Purchase: 1990
- Hardcat Products: Hardcat SM EAM
- Number of Officers: 15,651
- Number of Stations: 400+
- Entity Tracking: Assets

## Description of Use

Since 1990 when the initial version of Hardcat was implemented to manage the armoury assets at Melbourne Headquarters (D24), many other stations progressively moved to Hardcat to control the issue and return of weapons at their station.

Before Hardcat, each station manually recorded the issue and return of weapons. This procedure was time-consuming as well as having no audit trail on the weapons.

Eventually 33 of the 400+ stations and specialist units were running their own instance of a Hardcat solution.

Each of these stations or specialist units controlled equipment ranging from weapons through to speed cameras as well as an assortment of tactical assets. The stations used barcoding or RFID (Radio Frequency Identification) to track these assets, depending upon their requirements.

In 2020 Victoria Police procured the Hardcat Lebos Enterprise solution (see next page) to consolidate and streamline the management of Operational Safety Training and Tactics (OSTT) equipment across the entire organisation. This consisted of consolidating 55 existing disparate systems into a single system and view across the entire police force providing improved levels of governance, time and cost savings to allow more time for policing.

# Victoria Police



- Year of Purchase: 2020
- Hardcat Products: ETMS/Hardcat Lebosi Enterprise
- Number of Officers: 15,651
- Number of Stations: 400+
- Entity Tracking: Assets
- Integration Points: Oracle, SAP HR Assist, Exchange, Active Directory (User and Role Provisioning)

## Description of Use

Hardcat won the competitive tender to implement our tier one enterprise system Hardcat Lebosi Enterprise - Law Enforcement Solution and to configure the system to control the issue of firearms to police officers across the entire state, as well as managing the governance and risk associated with operational assets.

The Hardcat system introduced responsible issuing of firearms and reduced the risk of self harm by officers. This reduced time for the issue and return process, and daily audits. Victoria Police have never seen a tier one project go live so quickly and effectively. The secondary benefit has been the reduction in operational costs and an estimated annual savings of \$10+ million. Reduced administration costs will put more police back in action, as well as allowing for the hiring of an additional 140+ officers.

The system was integrated into the existing HR application to easily issue and return operational equipment through barcode scan and identify officer qualifications and impairments during the process, saving time and creating diligence around the responsible issue of firearms. The solution provides a single source of truth and governance around the management of critical operational assets.

To enable accurate and streamlined processes, the Zebra DS8178 barcode scanners were recommended and deployed to every police station as part of the solution. The DS8178 scanners were tested and selected to provide the most efficient way to scan 1D, 2D, QR as well as laser-etched barcodes used on the firearms.





# Western Australia Police



- Year of Purchase: 2012
- Hardcat Products: Hardcat SM EAM
- Number of Officers: 6,768
- Number of Stations: 150
- Entity Tracking Assets

## Description of Use

The WA Police Hardcat solution was implemented in 2012 by the Surveillance Unit to manage the daily management and tracking of their critical equipment.

Mobile auditing tools made it easier to achieve compliance and accuracy of the whereabouts of their critical assets.

# Savings

Activity	Station savings per year	Number of stations	Total Savings Per Year
Audit time reduced	\$3,750	400	\$1,500,000
Transfer equipment between stations	\$1,000	400	\$400,000
Reduced training time	\$1,000	400	\$400,000
Reduced IT support costs	\$500	400	\$200,000
Reduced current annual maintenance	\$500	400	\$200,000
Reduced purchasing	\$500	400	\$200,000
Staff movement between stations	\$1,000	400	\$400,000
Personnel leaving the organisation	\$1,000	400	\$400,000
Reduced time looking for assets	\$5,000	400	\$2,000,000
Issue and return loaned equipment	\$11,250	400	\$4,500,000
<b>TOTAL SAVINGS PER YEAR</b>	<b>\$25,500</b>		<b>\$10,200,000</b>

These are indicative cost savings based on average wages, time taken for manual process vs time taken in the Hardcat solution against such transactions.

*Hardcat reduces administration time and puts more police on the streets.*

# Equipment Issue and Return

Before Hardcat Lebos Enterprise



**Annual cost \$4.5 Million**

90 Seconds per person  
16,500 officers = 138 hours per shift  
3 shifts per day = 414 hours per day  
Hours per year = 151,110  
Cost per hour = \$30

After Hardcat Lebos Enterprise



**Annual cost \$0.5 Million**

10 seconds per person  
16,500 officers = 15.3 hours per shift  
3 shifts per day = 45.8 hours per day  
Hours per year = 16,717  
Cost per hour = \$30

# Equipment Audit

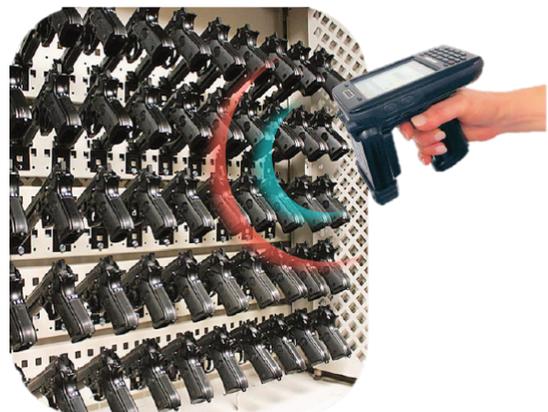
Before Hardcat Lebos Enterprise



**Annual cost \$1.5 Million**

30 seconds per firearm  
16,500 assets = 45.9 hours per shift  
3 shifts per day = 138 hours per day  
Hours per year = 50,370  
Cost per hour = \$30

After Hardcat Lebos Enterprise



**Annual cost \$98,500**

2 seconds per firearm  
16,500 assets = 3 hours per shift  
3 shifts per day = 9 hours per day  
Hours per year = 3,285  
Cost per hour = \$30

# Finding Evidence

Don't spend hours looking for a particular piece of evidence. Use the Hardcat Lebosi Enterprise RFID mobility application that acts like a Geiger counter getting louder as you get closer to the evidence that you are looking for.

## Before Hardcat Lebosi Enterprise: Search



**Annual Cost \$250,000**

30 minutes per search  
10,000 searches  
Hours per year = 5000  
Cost per hour = \$50

## After Hardcat Lebosi Enterprise: Search



**Annual Cost \$16,700**

2 minutes per search  
10,000 searches  
Hours per year = 334  
Cost per hour = \$50

# Evidence Audit

## Before Hardcat Lebosi Enterprise: Audit



**Annual Cost \$333,000**

1 minute per item  
100,000 items = 100,000 minutes  
4 audits per year  
Hours per year = 6666  
Cost per hour = \$50

## After Hardcat Lebosi Enterprise: Audit



**Annual Cost \$11,110**

2 seconds per item  
100,000 items = 3,333 minutes  
4 audits per year  
Hours per year = 222  
Cost per hour = \$50

# Equipment Tags and Hardware

**"As well as enterprise software we supply everything you need"**

A mix of RFID tags and barcode labels can be used to tag equipment, depending on the equipment surface and material suited to its environment and conditions.

Equipment tags are made to withstand harsh environments and conditions.

## Fixed Readers



## Laser Etched 2D Barcode



**MC3390R Long-Range UHF RFID Reader Barcode Scanners**



**RFD 8500 RFID 1/2D Scanner**



**DS8178 1/2D Barcode Scanners**



**UHF RFID Hard Tag**



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.

### Hardcat Australia

Hardcat House  
253 Park Street  
South Melbourne  
Victoria 3205

p: +61 3 9695 5400  
[sales@hardcat.com](mailto:sales@hardcat.com)

### Hardcat Africa

Building 2  
Country Club Estate  
21 Woodlands Drive  
Woodmead Johannesburg  
2191 RSA

p: +27 11 258 8887  
[sales@hardcat.com](mailto:sales@hardcat.com)

### Hardcat UK/EU

Woking One Unit 6  
Albion House  
High Street Woking  
Surrey  
GU21 6BG UK

p: +44 1483 485 870  
[sales@hardcat.com](mailto:sales@hardcat.com)

## Hardcat Solutions Are Used By

