

HARDCAT

Delivering Asset Certainty



www.hardcat.com

HARDCAT

LAW ENFORCEMENT SOLUTIONS





Armoury And Operational Equipment

- Specialist Kit
- Communications
- Ballistic Protection
- Body Worn Camera
- PPE
- Surveillance Data
- Carriers
- Armoury Assets
- Uniform
- Side Arms
- CED





Improve Operational Efficiencies

The Hardcat Lebos[®] platform allows organisations to improve their operational efficiencies and provide complete transparency across the life cycle of assets, equipment, incidents, exhibits, evidence, and general property management.

Key Benefits

- Multiple solutions.
- Customisation.
- Flexibility.
- Centralised security.
- Centralised business rules.
- Future proof platform.
- Easy integration.
- Audit trail of records accessed and revisions.
- Asset audit/data capture/self-audit capability.
- Automated brief construction for events and incidents.
- Restricted views depending upon job role.
- Reduction of manual effort in managing the chain of custody process for exhibits.
- Mobility on smartphone IOS and Android.
- Rapid issue and return.
- Ease of use.
- Reduce effort tracking exhibits and property.
- Improved audit ability across all entities within the system.
- Manage the complete life cycle of assets/equipment, incidents, exhibits and property.
- Unique identification using barcoding and RFID.



Your assets as well as exhibits and evidence under the control of the one solution - saving time and improving conviction rates.



Keep Assets in the Right Hands

Best in class law enforcement tracking and information management system giving organisations unrivalled transparency on firearms, tools, equipment, exhibits, evidence, property, and chain of custody.

Maintain accountability for a wide range of firearms and equipment, so that you can be certain at all times about who has what and where, with a complete audit trail of all movements and history of transfer of custodianship.

Not only can you track your firearms, tools, and equipment, but you can ensure they are safe and maintained to meet your compliance requirements

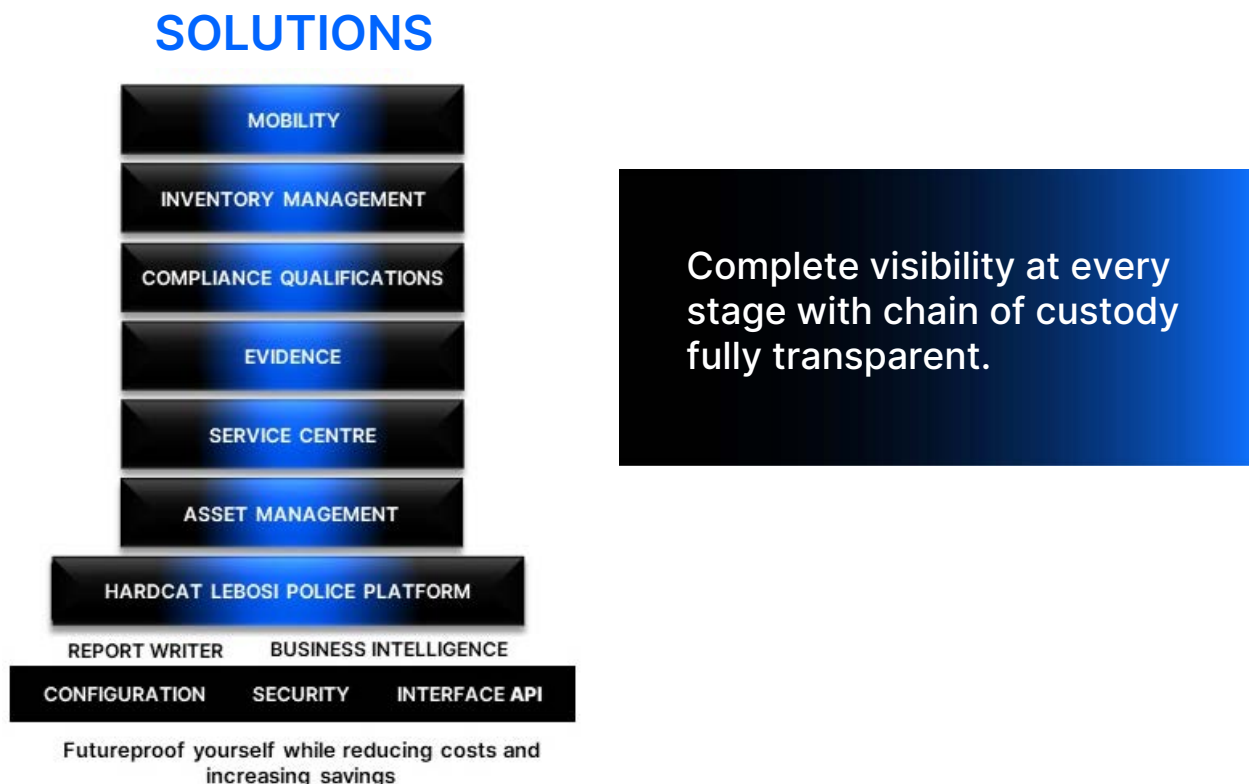
Prove the Integrity of Exhibits and Evidence

Effectively manage the investigative and forensic process by securing, tracking and maintaining the integrity of all digital and physical exhibits and evidence with detailed audit trails, from capture or seizure through to disposal.

Complete mobility via smartphones and tablets for accessibility anywhere, anytime. Your officers can have immediate access to analysis and results. Be efficient and accurate with instant logbook processing and reporting, wherever you are.

Chain of Custody

Hardcat Lebosi provides organisations with the ability to capture exhibits at the scene and construct a complete audit trail of all movements and transfer of custody of that exhibit over its life.



Equipment Issue and Return

BEFORE HARDCAT



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



Annual cost \$500,000
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

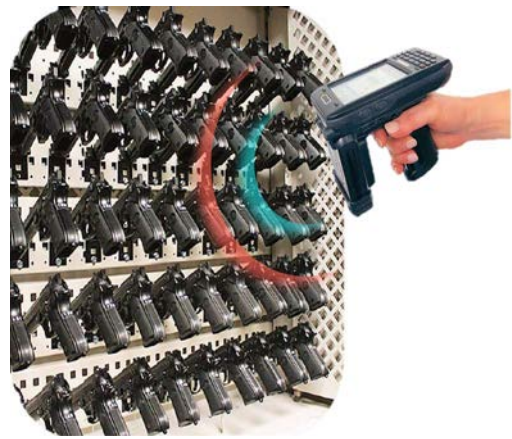
Equipment Audit

BEFORE HARDCAT



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



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



Checklist Before Going On Duty



OFFICER CHECK

A quick scan of the officer going on duty will ensure he is correctly equipped and will alert you if there is anything missing.

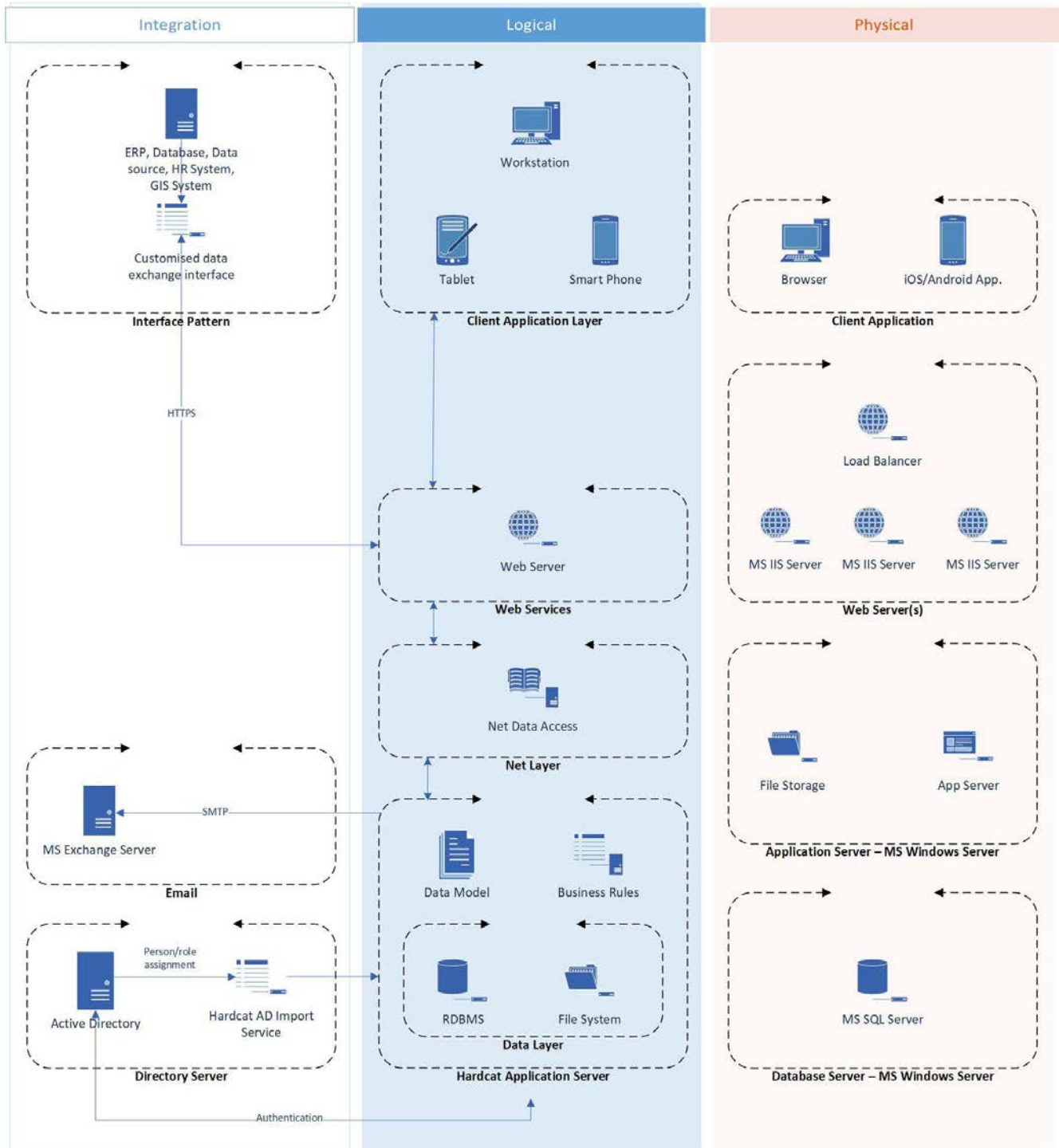
VEHICLE CHECK

A quick scan of a vehicle prior to going on duty will ensure that it is correctly equipped and will alert you if there is anything missing.





Modern Architecture And Technologies

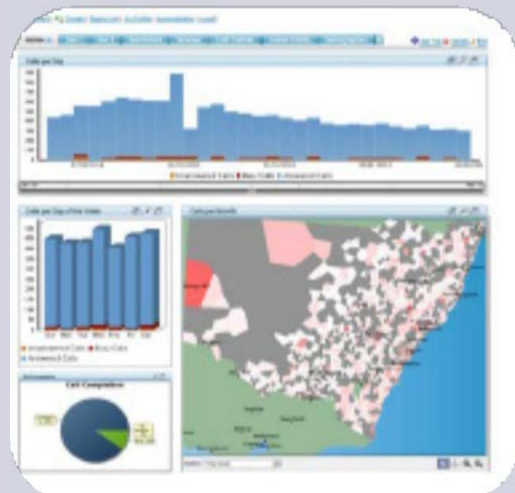




Business Intelligence On All Devices



Hardcat Lebosi and our analytics solution will give you sleek interactive dashboards and ad-hoc reporting into your enterprise on all types of hardware.

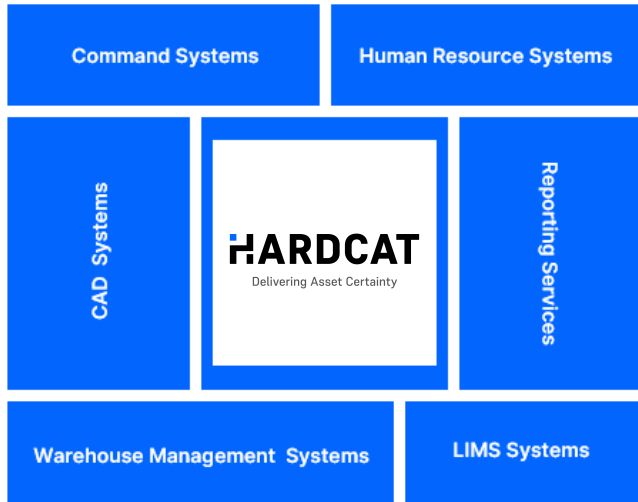


keep a register of all CCTV cameras in a state and display these on a map

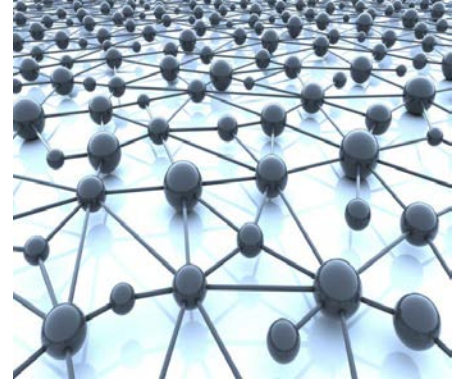




Integration And Distribution



Hardcat Lebosi has APIs to allow you to integrate to your existing environment simply, seamlessly, and quickly.



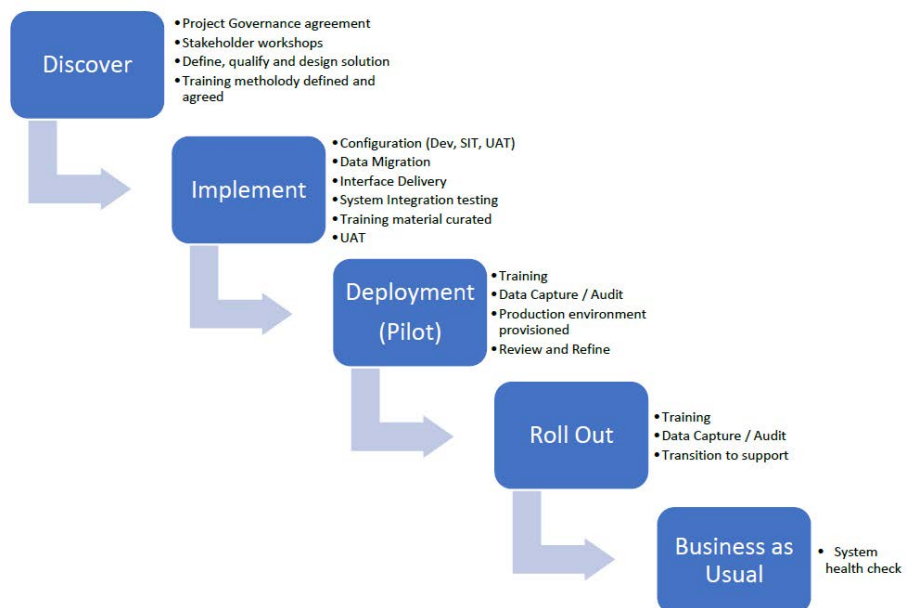
Hardcat Lebosi allows access to be restricted by officer, station, organisational unit, role, asset type, anything!

This ability allows for a progressive roll-out of Hardcat Lebosi across your enterprise.

Hardcat Project Implementation Services

Hardcat has 20 years' experience running large scale service and software projects. The project governance and methodology Hardcat has developed, and which forms part of Hardcat's QMS ISO9001:2015, is based on aggregation of all lessons learned over the last 20 years to identify the most suitable approach in delivering successful projects.

Over the years we have come across many organisations that think they know how to run projects. In reality, few do. Hardcat provides a structured approach focussing on delivering the business outcomes and providing what the key users need. This is achieved through active engagement of key stakeholders and users at defined moments in the project through collaboration, utilising the evolving solution to provide immediate feedback on something that they can see and touch.



Clients can trust the Hardcat implementation process that it will ensure maximum value in the shortest time-frame possible, getting access to ROI benefits immediately.





Focussed Upon The Needs Of The User

Feature Rich User Interface

The Hardcat Lebosi system utilises leading edge web browser user interface technology to provide the user with an unmatched experience.

The benefits of the Hardcat LE user interface include:

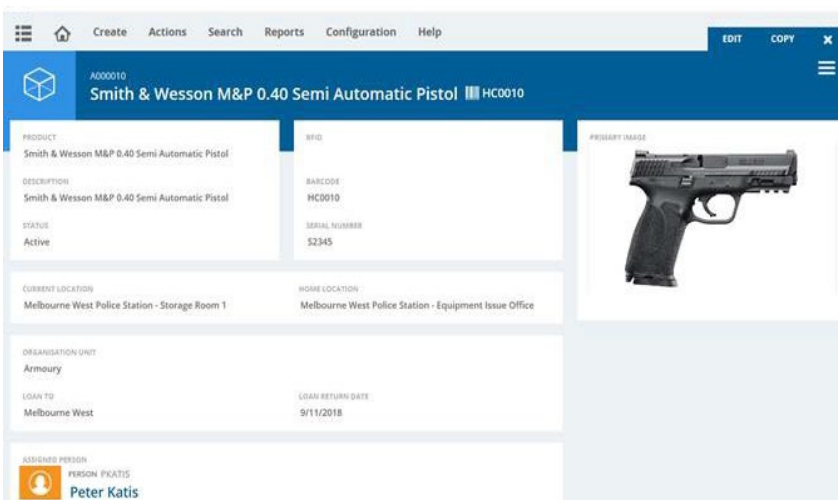
- Cross platform, cross browser portability
- Minimises network traffic
- Rich Internet application technology
- Provides seamless mobility capability
- Leading edge user experience
- Need to know, need to see displayed

Information Reporting

Hardcat Lebosi provides an inbuilt reporter that gives organisations the flexibility and power to create and publish operational and management reports.

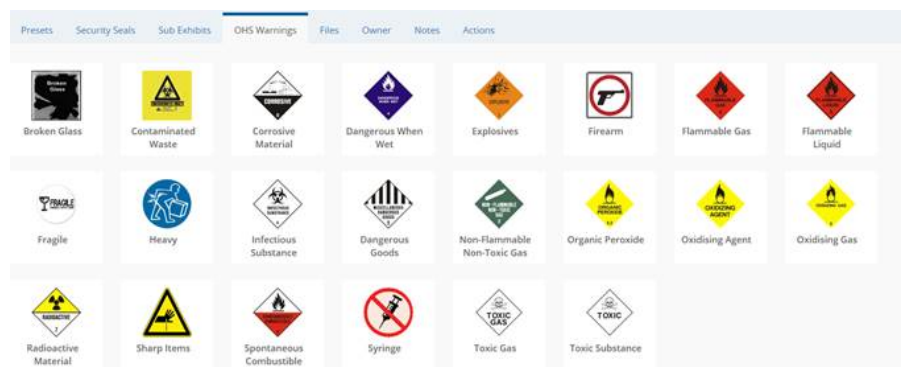
Reports include (but are not limited to):

- Chain of Custody reports
- Detailed audit trails
- Complete visibility at every stage
- History reports
- Management reports
- Operational Reports



- Unlimited user-definable fields
- Clean, simple layout
- Clear, concise content

Work safety icons can be attached to items of evidence for safety of officers and handling of hazardous goods.





Ensure that the right assets are in the right hands at the right time.

Work Safety

Ensuring that officers who have been involved in stressful events at work or at home, do not have easy access to firearms.

Global visibility of all firearms and critical assets, provides unparalleled levels of governance for responsible issue of firearms.

Notifications of any breaches and incidents, offers a means for early intervention and prevention of critical incidents surrounding firearms.

Maintenance and Alerts

Ensuring that all assets used in the line of duty are regularly maintained to ensure safe and good working condition, extend life cycle and meet compliance obligations for all assets.

Equipment can be any item; Firearms, Breathalysers, Body Worn Cameras, Rape Kits, CCTV for example.

A simple mistake like using a rape kit which is past its use by date can have a case thrown out of court and excess of hundreds of man hours wasted.



Operational Equipment Tracking Software

Policing is undeniably one of the most challenging professions, demanding a commitment to delivering timely response, safety and service to the community. There is an increasing need for heightened vigilance and compliances in monitoring and ensuring accountability for firearms and operational equipment.

The Hardcat Lebos Police Equipment Tracking platform empowers organisations to enhance their operational effectiveness, fostering transparency throughout the equipment life cycle. This guarantees accountability, optimal condition, and the assurance that the equipment is in the right hands, ready for immediate use when required.



- Fast, accurate and responsible issue and return of firearms and other critical operational assets through checks of police personnel firearms licensing and validations.
- Chain of custody of firearms and other operational equipment ensuring accountability at all times.
- Scheduled maintenance tasks ensuring reliability and safety of all assets, providing safe tools of trade whilst meeting compliance obligations.
- Receive alerts for inventory, unreturned or missing asset, maintenance, etc.
- Customised dashboards for complete visibility of all assets and advanced reporting features.
- Reduce human error through enabling RFID/Barcode tags and quickly scanning the assets directly onto Hardcat's platform.
- Dispose end-of-life assets safely and responsibly.
- Easily integrate our software with existing ERP, HR, Inventory, and other products for a seamless experience.
- Reduce tampering of crime scene evidence by tagging and tracking all collected exhibits.
- Meet compliance and safety obligations of all operational equipment.
- Mobility solutions offering off-line capability when connectivity is poor ensuring operational continuity is maintained.
- Maintain vigilance in monitoring qualifications, impairment checks, fleet management, supplies, exhibits, and evidence to ensure consistent practices.
- Reliable data for informed asset planning decisions.
- Reduce time taken for management of assets which directly translates to improvements in efficiency, more time for policing work and improved cost effectiveness.



Victoria Police was established in 1853 and provides policing services to the Victorian community 24 hours a day, seven days a week, working to keep Victorians safe.

Victoria Police's role is to serve the Victorian community and uphold the law so as to promote a safe, secure, and orderly society.

The organisation is made up of more than 21,000 employees operating across 54 Police Service Areas, within 21 divisions and four regions. This consists of over 15,000 Police Officers as well as Protective Services Officers (PSOs) and Police Custody Officers (PCOs).



Victoria Police Statement

"Hardcat Lebosi software solution is utilised by Victoria Police enterprise wide across all stations and various specialist units to manage the issue/return and servicing of all operational equipment, whilst ensuring officer qualifications and impairments are checked for validity. Hardcat Lebosi provides a mechanism to conduct daily station audits and Armoury bi-annual state audits of firearms, ensuring early detection of misplaced critical assets."

Victoria Police Formal Statement

Case Study

In 2008, Hardcat won the NSW Police tender to write their Exhibits Forensics Information and Miscellaneous Property System (EFIMS). Hardcat have taken the components of this bespoke system and created our leading edge law enforcement solution, Hardcat Lebosi. Hardcat designed Hardcat Lebosi so that additional solutions could be added to our All of Police platform. NSW Police Force consists of more than 500 local police stations and covers an area of 801,600 square kilometres in a state of some seven million people. The number of sworn officers is 20,000 and growing.

End-to-End Management

EVENTS, CASES, INCIDENTS, JOBS, AND EVIDENCE

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.

Comprehensive Tracking

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.



By 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 Force.

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.

All Types of Evidence

- Confiscated items such as firearms.
- Electronic records.
- Paper documents.
- Cash, clothing, drugs.
- Firearms and ammunition items.
- Bulky items such as motor vehicles, boats, and vessels, such as jet skis.



Released to Front-line Duties

NSW Police practices have improved with the introduction of EFIMS and have released officers to front-line duties as well as saving money.

Forensic Data Collection System Implemented by NSW Police

REPLACE PAPER

According to Hardcat Director Rodney Dalton, the EFIMS would replace paper evidence logs and reduce the amount of time officers have to spend maintaining logs as the information only needs to be entered in the system once.

"This system will enable New South Wales Police to know the exact whereabouts and history of any piece of evidence gathered by officers in the state," Dalton said in a statement.



INTEGRATION

The EFIMS system has been integrated with the NSW Police's mainframe-based computerised operational policing system (COPS) an operational database used to record victim, offender and incident information.

EASY ACCESS

The system is used to provide easier access to evidence and miscellaneous property. The system (EFIMS) is designed to store evidence electronically for easy access by officers. This evidence data, such as seized drugs, may be used to assist in criminal convictions.

GENERIC SYSTEM

As the direct result of Hardcat's partnership with NSW Police to develop EFIMS, a more generic law enforcement solution known as Hardcat LE has been developed.

MANAGE INVESTIGATIONS

The application which was developed by Melbourne company Hardcat, is used to track evidence and information gathered in investigations from the crime scene to the arrest and then "store" it in the evidence room.

The NSW Police also use EFIMS to manage investigations and assign a case to an officer or detective.



DNA SAMPLES

Police officers and prosecutors can use EFIMS to better manage the integrity of crime scene evidence such as delicate DNA samples.

FIGHTING CRIME

Its sole purpose is to assist agencies in fighting crime as well as responding to safety or security incidents and events as they occur.

ALL POLICE OFFICERS

Designed to deliver a simple, efficient user experience, Hardcat LE allows for any officer to use the solution in the field or office to record new information and search existing records to find meaningful correlating data.



Benefits And Statistics Of EFIMS

NSW Police force reduces Brief Construction time to 60 seconds with Hardcat Lebosì.

Benefits created by EFIMS

	FUNCTION	BEFORE	AFTER
80% of brief constructions reduce down to 60 seconds	Check in/out process	up to 240 seconds	10 seconds
	Chain of Custody reports	up to 5 hours	20 seconds
67% savings in auditing	Follow up forensic analysis/results	up to 5 days	15 seconds
	Generation of volume crime brief	up to 7 days	60 seconds
40% improvement in turnaround times	Crime scene response notification	up to 20 minutes	15 seconds
	Generation of reports for Parliament	up to 6 months	25 minutes
50% saving in job exhibit creation	Modus operandi searching	unquantifiable	15 minutes

EFIMS

Go live year	2010
Access required	24/7
Level of importance	Tier 1
Number of users	20,000
Who specified the system	NSW Police
Who wrote the system	Hardcat Pty Ltd
Evidence exhibits entered daily	1072
Forensic Analysis jobs per day	291
Forensic Results per day	524
Crime Scene Attendance Jobs per day	190
System uptime	99.99%

Since going live EFIMS has supplied previously impossible processing power as well as increased conviction rate due to chain of custody on all pieces of evidence





EFIMS was written into NSW Law as a crucial component of the NSW Police Force.



Hall of Fame Premier's Public Sector Awards

NSW Police were awarded the **Success Through Innovation Award** for Exhibits, Forensic Information & Miscellaneous Property system (EFIMS) by the Premier of NSW

The use of forensic science to solve crime has become increasingly popular. Police around the world are spending more and more on the latest forensic technologies and, because of the influence of television dramas such as CSI, the public now expect that every criminal case will rely on forensic evidence to catch an offender.

DNA and fingerprints are the key forms of forensic evidence used to identify criminals. While fingerprints have been used in NSW for more than 100 years, DNA has only been available since 1989. The increasing demand for DNA analysis to help solve crimes has led to lengthy delays in getting samples processed.

This problem exists in many jurisdictions. At least 350,000 DNA samples from murder and rape cases lie untested in police laboratories across the United States. And in NSW the number of cases in the DNA backlog has ranged from 3,500 cases to over 10,200 in the past five years. The backlog was around 6,400 cases on 30 November 2009 and is expected to be almost 7,400 cases by 30 June 2010.

The problem with delayed analysis is that while police wait for results, crimes remain unsolved and criminals remain at large. In an attempt to reduce delays, the approach to DNA analysis in NSW has been the subject of a number of reviews. These reviews have generally resulted in one-off funding to reduce the backlog. However, as soon as the money is spent, the backlog re-emerges.

This audit looks at both sides of the DNA issue. That is, what have Police done to manage demand for analysis as well as what has been done to increase capacity at the laboratory to cope with the increasing number of cases.

I believe this review will help improve the management of both fingerprint and DNA evidence and, in particular reduce delays in DNA analysis, to better serve both the interests of justice and the people of NSW.

Peter Achterstraat
Auditor-General

EFIMS, written by Melbourne based Hardcat Pty Ltd was the solution that NSW Police took to reduce the backlog of DNA analysis and help reduce lengthy delays in getting samples processed, all while keeping a complete chain of custody.





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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