

Enterprise Asset Management Overview





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Hardcat - the company

- 100% Australian company
- Head office in Melbourne
- Specialist in tracking software for 34 years
- 2000 plus clients in 120 countries
- Offices in South Africa, Australia, USA and UK
- Continued development
- Applicable to all organisations
- Small footprint or complete enterprise

	In Business for over 34 Years	Cloud or on Premise	iPhone & Android App
	Over 2000 Clients	Enterprise Solution	Barcodes & RFID
		Solutions deployed in over 120 countries	

Hardcat - the Lebosi solution

- Track all items across your organisation
- Customisation flexibility
- Centralised security and single sign on supported
- Centralised business rules with standardised best practice work-flow supported
- Future proof platform utilising technologies that allow Hardcat Lebosi to run on any platform without special preparation
- Integration with 3rd party systems
- Highly scalable n-tier architecture support
- Utilising the Hardcat nGen® platform
- Model driven technology





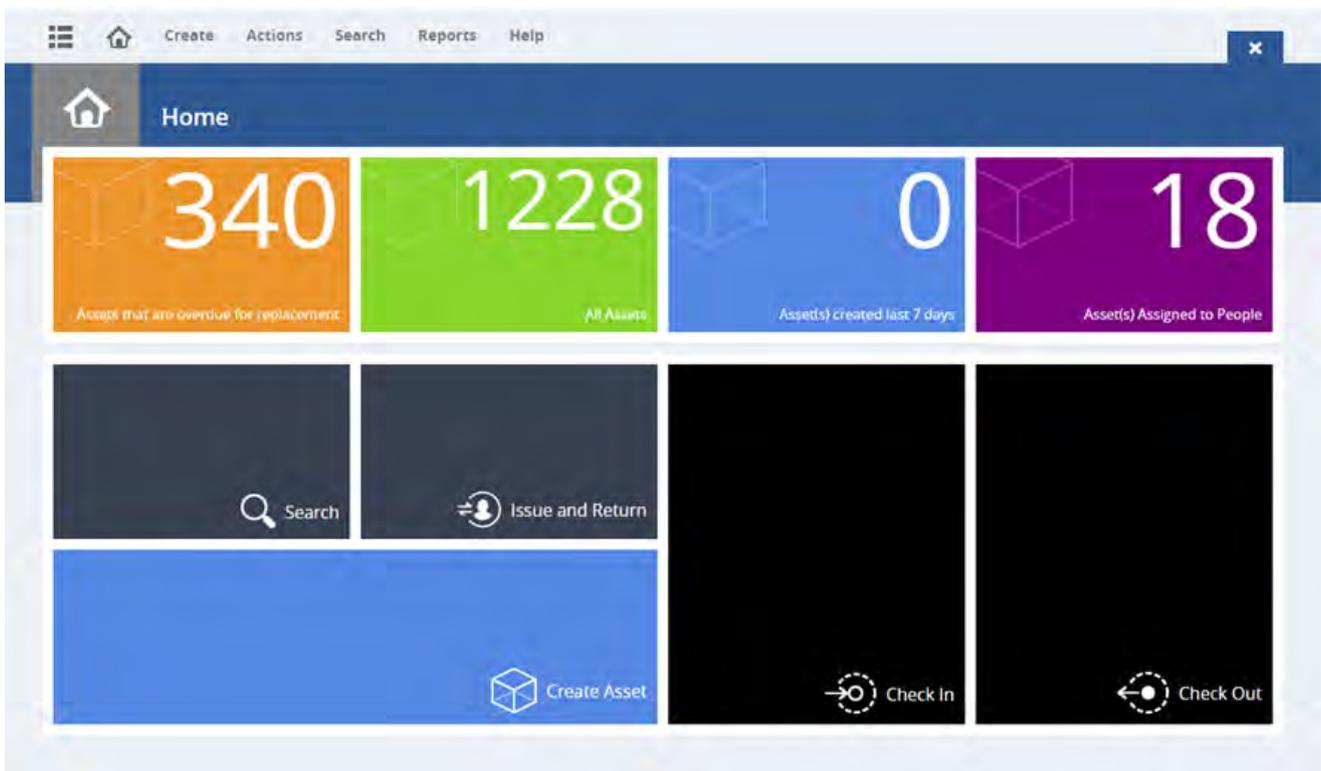
Why control your assets?

- Manage the entire life-cycle of any item
- Supports proactive item and service management
- Eliminates the need for cumbersome and disconnected spreadsheet and manual form reporting
- Proactive forecasting, audit and replacement notifications and operational dashboard alerts
- Effective best practice work-flows and routing management



Benefits of the Hardcat Lebosì solution

- Specifically geared towards providing comprehensive intelligence.
- Reduces manual processes and hand written forms by utilising 1D, 2D and RFID technology to minimise paperwork and transcription errors
- In-field data entry via smartphones, tablet and laptops provide better work-flow, prioritisation and classification. Ensuring that the correct resources are utilised where they are needed most
- A complete audit log identifies if a person views, creates updates or removes any information from any entity in the system with individual dashboard
- Notifications alert users to current outstanding tasks, results and identified links





Business problems solved

Audit

Periodic audits confirm location, assigned person, custodian, and condition. An audit outcome may be specified (e.g.. audited, not found, unexpected), along with follow-up actions (e.g.. re-audit, move, repair).



Custodianship

Track the organisation unit to which the asset is currently loaned/assigned to for operational custodianship.

Search

Comprehensive search capabilities. The search is 'parameter type aware' for example, users may search for records where a date is 'greater, less than, or within a specified range'. Similarly, strings, numeric, currencies, and Boolean field types.

Check-in/Check-out

Users can construct a transaction and manage work-flow for the change of asset location.

Ownership

Each asset has an organisation unit field which shows ownership.

Service jobs

Manage reactive and preventative service jobs. Service jobs are raised against a location, assets, or ad-hoc to track general problems. activities. Users are able to generate service jobs automatically for assets or locations, on the basis of the product type and/or product. The service job details are configurable by users.



Hardcat Leboski dashboards

The simplicity of the user interface and customised view for each role means ease of change management process and cost. As well as update and buy-in by the users. It's so simple everyone will use it! An asset database with quality data increases your ROI and ensures quality BI and timely decisions.

- Dashboard highlighting need-to-know and duty-to-disclose information. Dashboards also provide quick links to common searches and commonly used functions.
- Dashboards are tailored to user roles with users having the capability to customise list views to suit their specific requirements, including column selection, ordering, and sorting.
- Users can interact with the dashboard by clicking on a count/alert which will take them to a list of corresponding records, or click on a function shortcut which directs them to that function.



Dashboard information tiles include

- Assets and equipment on Issue
- Faulty assets and equipment at site
- Recalled assets and equipment
- Assets and equipment marked for check out
- Assets and equipment locations
- Dashboards are configured for the different users roles

Functions available for instant access include

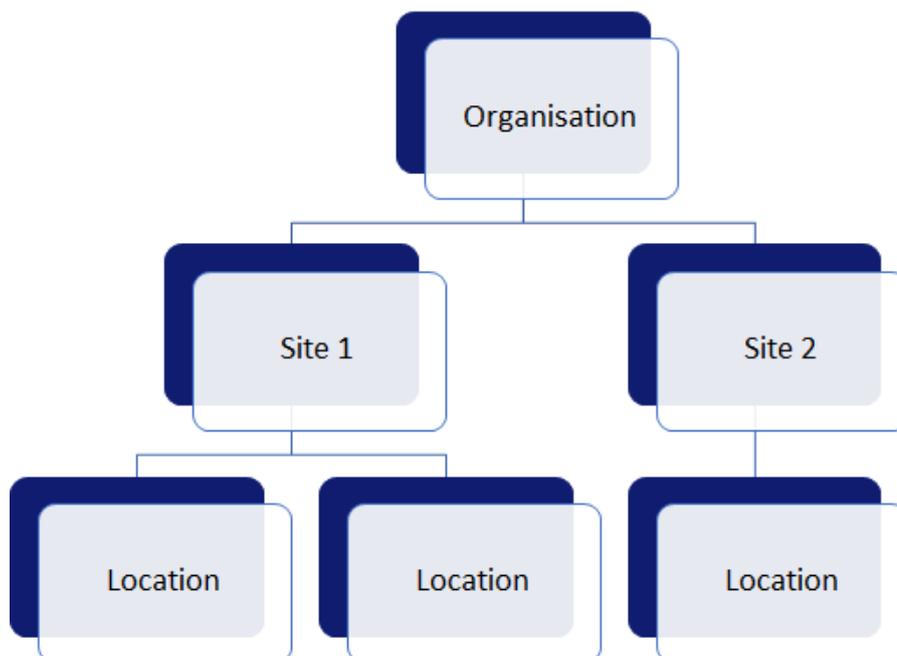
- Issue and return
- Audit equipment
- Transfer equipment
- Change storage location
- Equipment/document search
- Reports
- Create equipment
- Dispose equipment



Management and site view of assets and equipment

The Hardcat Lebosì solution provides flexibility to set up which user and at what level, can have visibility and access to information and assets. Flexibility to structure the system the way you want to use it.

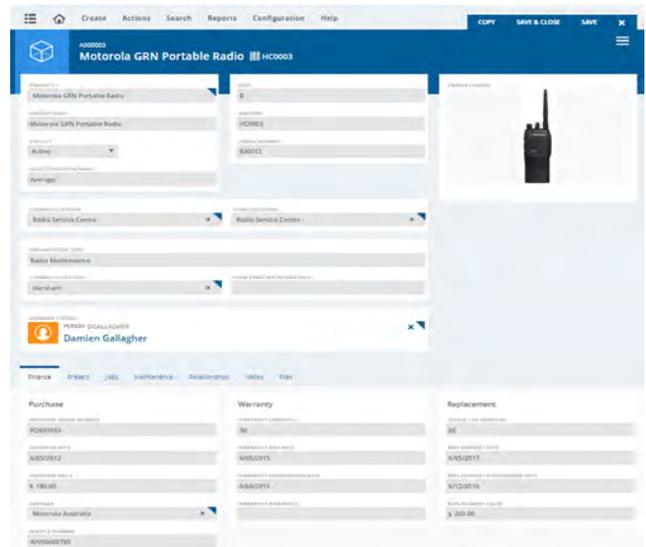
For an organisation who would like to gain better utilisation and ROI on their assets across multiple organisation units and locations, there is value in having visibility of assets you have, where they are located at any given time and being able to share data.





Assets and equipment

1. Tracking assets from creation through to disposal
2. Capture any data – customisable fields
3. Multimedia video, audio, images and documents can be uploaded
4. Create associations representing a parent-child relationship
5. Full audit history chain of custody
6. Quick capture via mobility
7. Copy feature when adding multiple assets of the same type
8. Mandatory fields can be set
9. Unlimited definable fields by product type



Association

1. Assets may be loosely and arbitrarily associated with any other asset via a two-way association
2. Assets may be strongly associated with other assets via a parent-child mechanism
3. For such associations, the parent/child system of assets is moved/assigned and otherwise transacted as if a single item

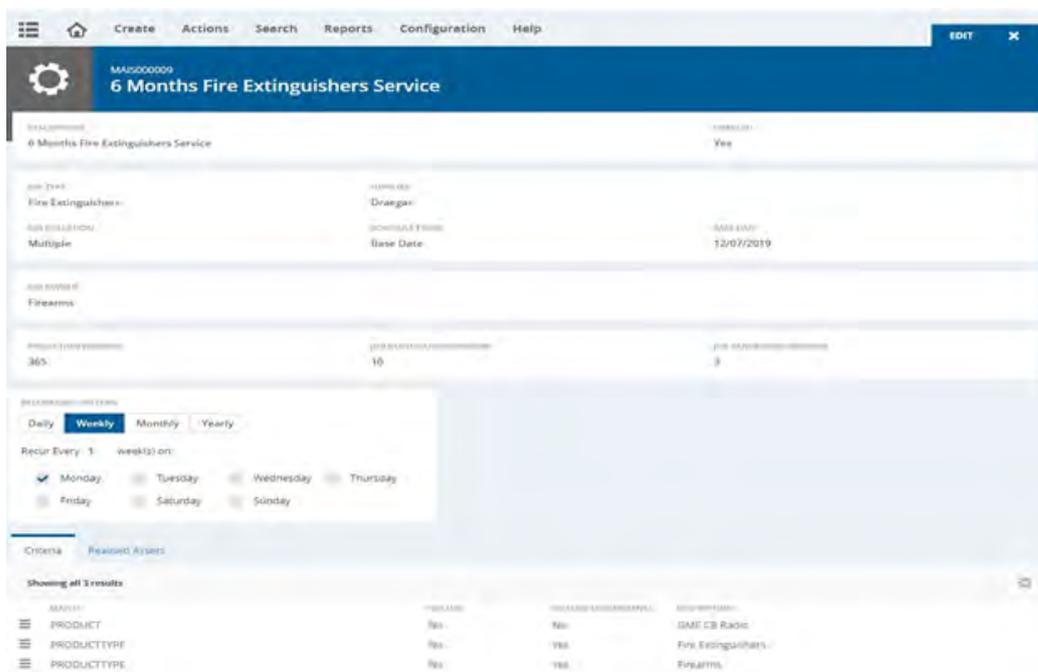


Audit

1. Periodically audit assets to confirm location, assigned person, custodian, and condition
2. Ad hoc (spot) audits permit a user to confirm the existence of assets in a given location
3. Scoped audit is a user-constructed transaction of audit activity to be performed
4. Management work-flow is provided to establish the scoped audit job, and a user interface is available for users executing the audit

Maintenance schedules

- Schedule maintenance jobs so you never miss vital maintenance of operational critical assets
- Receive and complete scheduled tasks using a smartphone, no double handling when updating records – it's real time and efficient
- Meet the needs for those responsible for equipment maintenance and safety testing
- More flexibility and automation in organising and scheduling of tasks to be performed





Asset and equipment movement

The Hardcat Lebosi solution delivers a transfer capability allowing users to construct a transaction which permanently transfers asset ownership to another organisational unit. Complete chain of custody in managing your critical and high value assets. You will always have an audit trail of what is where at all times, including when it's in transit to another site.

Hardcat Lebosi allows for the recording of asset movements via three different movement functions; check in, check out and move.



- Check-out is used when moving items between sites and allows for asset(s) to be dispatched from a site.
- Check-in is used when moving items between sites and allows for asset(s) to be received at a site.
- Move asset is used to move an asset from one location to another location within the same site (internally).



Hardcat Lebosi - integration

Hardcat has experience integrating to the largest and smallest packages, from ERPs to small, bespoke accounting systems and even hardware auto-discovery tools. For more complex, tighter integrations, Hardcat provides a number of seamless integration options.

- Hardcat Lebosi embraces system interoperability via a suite of powerful tools and techniques.
- 'Out of the box', Hardcat provides a powerful import and export capability.
- Any imports/exports can be scheduled to meet data synchronisation requirements.

All software components of Hardcat Lebosi are designed to provide superior asset management capabilities which can stand alone or complement wider reaching ERP and finance systems such as SAP, Oracle, Technology One, SmartStream, and Sage, among others.

Hardcat Lebosi will perform the functions that your ERP was not designed to perform

Your ERP



Hardcat Lebosi



Functions of Hardcat Lebosi

- Issue and return
- Asset audits
- Stock-takes
- Mobility (iOS and Android)
- RFID and barcode
- Equipment movement
- Fixed RFID tracking
- CCTV security
- Service centre
- Property, evidence/exhibit management
- Disposal process and procedures



Equipment issue and return

Before Lebosi



Annual Cost \$45,600

3 minutes per person
 50 staff = 150 minutes
 Hours per year = 912
 Cost per hour = \$50



After Lebosi



Annual Cost \$2,700

10 seconds per person
 50 staff = 9 minutes
 Hours per year = 54
 Cost per hour = \$50

Equipment audit

Before Lebosi



Audit Cost \$25,000

3 minute per item
 10,000 items = 30,000 minutes
 Hours per audit = 500
 Cost per hour = \$50



After Lebosi

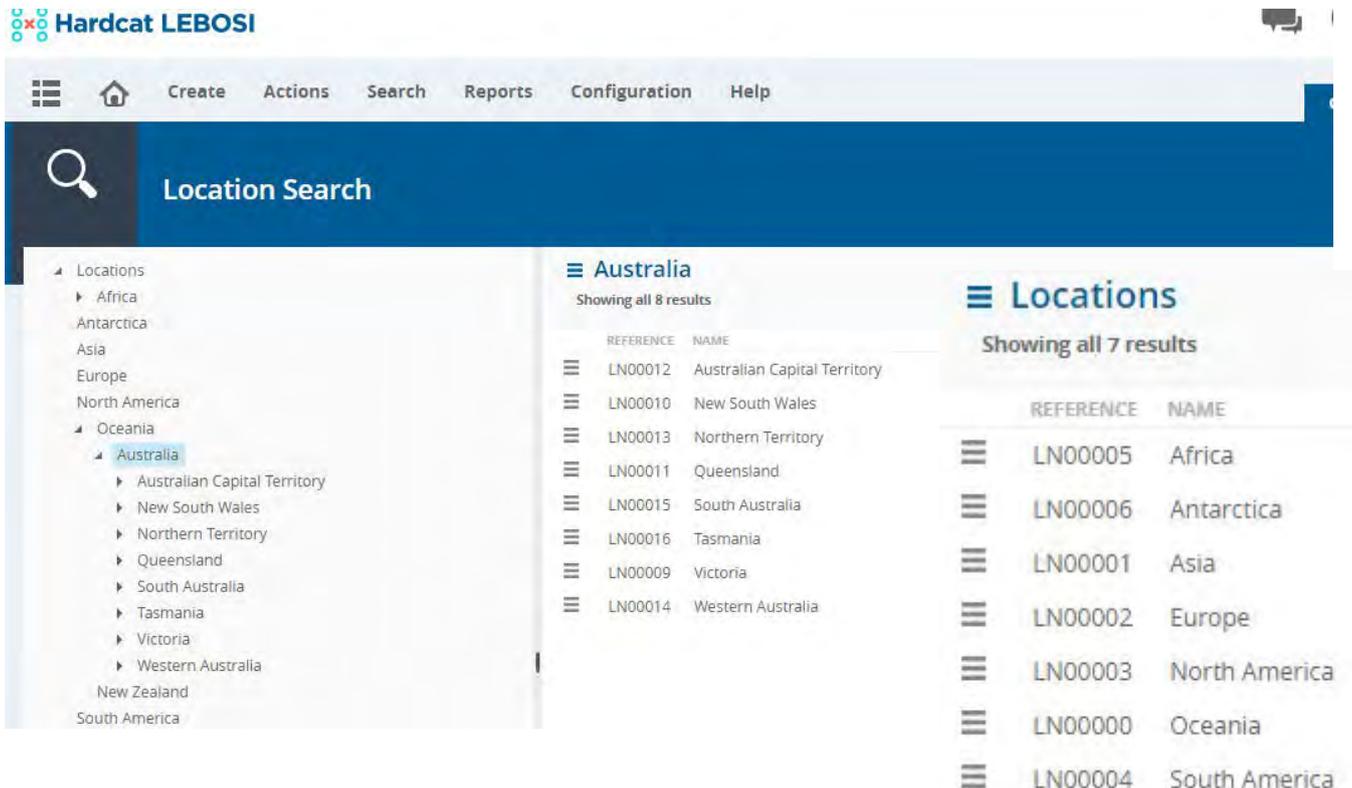


Audit Cost \$695

5 seconds per item
 10,000 items = 833 minutes
 Hours per year = 13.8
 Cost per hour = \$50

Locations

The location search will show you an overview of multiple sites, and the ability to drill down into these sites.



Move asset storage location

The change storage location function updates LebosI with the new asset location within the same physical site.





Assets and multimedia

- Capture common properties such as barcode, RFID, location, owner, product type and financial information as well as user definable fields specific to the type of asset or document
- Multimedia such as video, audio, images and documents can be uploaded and stored against an asset as well as links to an external system such as a document/content management system
- Users, depending on role configuration, can create associations between assets representing a parent-child relationship with full audit history available for every asset in the system

- Quick and efficient process to capture new assets and documents
- Copy feature is available when adding in multiple documents of the same type
- Mandatory fields can be set by definable work-flows
- Definable fields by product type to enhance information capture

A000004
Motorola GRN Portable Radio HC0004

SELECT ASSET
HC0004

PRODUCT
Motorola GRN Portable Radio

DESCRIPTION
Motorola GRN Portable Radio

STATUS
Active

ASSET CONDITION NAME

RFID
HC0004

BARCODE
HC0004

SERIAL NUMBER
R30013

PRIMARY IMAGE

CURRENT LOCATION
Swan Hill Police Station

HOME LOCATION
Radio Service Centre

ORGANISATION UNIT
Radio Maintenance

LOANED TO ORG UNIT
Horsham

LOAN EXPECTED RETURN DATE

ASSIGNMENT POLICY
Ongoing

RESERVATION TYPE
None

ASSIGNED PERSON
PERSON KFREY
Kevin Frey



Why choose Hardcat Lebos

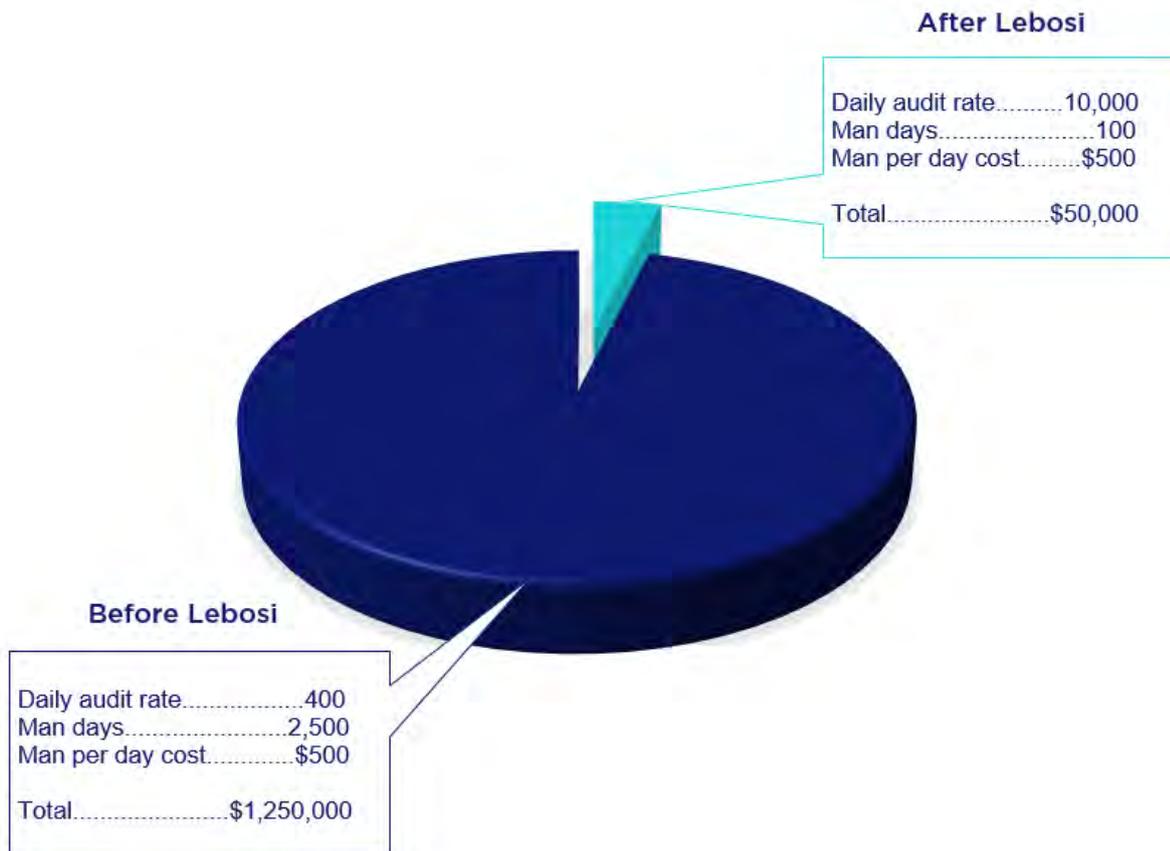
- Consolidated view of all assets across your enterprise - better decision making and governance of assets
- Ability to reduce redundant purchases when unused equipment is already at another site - better utilisation and cost savings
- Common system used across the enterprise saves training time - ease of change management and standardisation
- Alleviating disparate asset management software solutions - cost savings
- Ease of on-boarding for new sites, common backbone and simple user interface - improve user adherence to streamlined process
- Common standards for assets across the enterprise - governance and control to meet organisational asset management strategies and best practice
- Increased purchasing power by buying for the group instead of site by site - cost savings
- Clean integration to your SAP ERP System

Advance Domain Control	Top down administration (reporting, insights and capability) with access control for assets by organisational unit
Service Management Life-cycle	Aligned work-flow and enhanced service generation
Cross Platform Phone/Tablet Apps	Asset capture, audit, disposal and core operational tasks such as issue/return, move, replenish, shrink
Inventory Management Life-cycle	Best practice aligned movement, assign, return and disposal functions
Property and Evidence	Manage evidence and property life-cycle from collection to disposal
Depreciation Management Life-cycle	Manage depreciation and replacement life-cycle of assets
HTML5 Application Framework	Cross platform and responsive software
Dashboard and Menu System	Smart menu system and dashboard provides more visual representation of alerts, function access and statistical information
Searching, Importing and Exporting	Advanced and global searching with dynamic importing and exporting capabilities
Asset and Equipment Life-cycle	Best practice aligned movement, assign, return, audit and disposal functions



Potential savings - asset audit

Estimated reduced time and cost using Lebosi with 1,000,000 assets



The 'Before Lebosi' audit volumes are based on using Excel or paper based audits.

Figures do not include the additional time, labour and cost for reconciliation of a manual audit or the accuracy of data.

Potential savings using Hardcat Lebosi

Savings in man days = 2,400

Savings in dollar value = \$1,200,000

Hardcat solutions have been chosen by over 2000 of the worlds most prestigious corporate and government bodies in 120 countries around the world.

Why would you hesitate to join our list of satisfied clients, they have already performed your due diligence for you? No one has our credentials or credibility when it comes to asset management solutions.

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Some clients across different industries

ADGAS
Aboriginal Medical Service Co-Operative Limited
Abu Dhabi National Insurance Company
Airbus Defence & Space Ltd
Allegiance Marketing Pty Ltd
Amiri Guard
ANL Container Line Pty Ltd
Australian Federal Police
Aspen Pharma Pty Ltd
Australian Unity Friendly Society
Avon Fire & Rescue Service
BAE Systems Australia Ltd
BDP Limited
BHP Billiton Iron Ore Pty Ltd
Board of Healthcare Funders of Southern Africa
Boeing Space and Intelligence Systems
CA Technologies
CATERPILLAR Inc.
Corruption and Crime Commission of WA
Crown Resorts Limited
CSIRO - Marine and Atmospheric Research
DDB Management Services
De Beers UK Limited
Defence Science & Tech Organisation
Delta Group
Department for Child Protection
Disability Rights California

Discovery Holiday Parks
DMS Maritime Pty Limited
Dusit Thani-Abu Dhabi
Ford Motor Company
G4S - Mount Gambier Prison
GASCO
Honda NZ Limited
House of Commons Library
KwaZulu-Natal Provincial Government
Leica Biosystems
Meteorological Service of New Zealand
Middlesex House of Correction
Monash Health
National Bioproducts Institute
National Gallery Victoria
National Nuclear Laboratory Limited
NSW Ministry of Health
Org. for the Prohibition of Chemical Weapons
Parliament of WA
Port of London Authority
Procter & Gamble
Raytheon USA
Serco Home Affairs
Thales Australia Ltd
Victoria Police
WorkSafe Victoria
World Trade Organisation