

HARDCAT

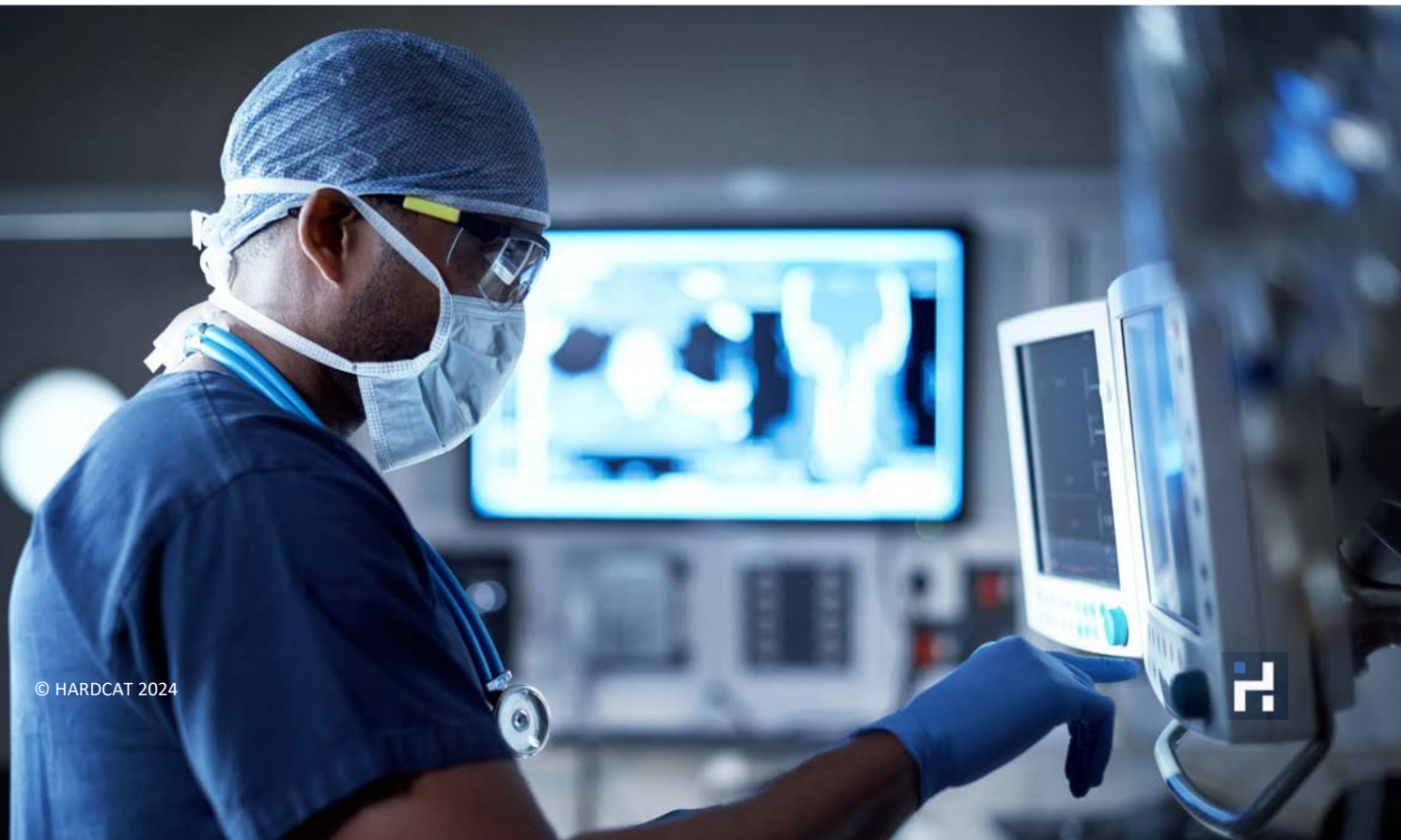
Delivering Asset Certainty



www.hardcat.com

HARDCAT

HOSPITAL ASSET MANAGEMENT



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WHO IS HARDCAT

Hardcat was founded in 1986 and is the first company in the world to offer software products that specialise in asset management. From its beginnings in Melbourne Australia, Hardcat has continued to grow over the past 36 years and is trusted by over 2000 organisations in 121 countries. Hardcat solutions work with our partners to incorporate the latest in barcode and RFID technology with both fixed and mobile readers.

WHAT WE DO

Hardcat Asset Management Software is a specialist software suite that provides a single source of truth to support enterprises in improving the utilisation, maintenance, and management of their asset base.

Hardcat software enables efficient and automated processes whilst also providing wide- ranging and instant visibility of asset information over its entire life cycle.

- A market proven 'Commercial Off The Shelf' (COTS) product providing speed of implementation and the benefits of further enhancements and features becoming available with the products road map.
- A modular software solution with a rich feature set for managing the full life cycle of assets and evidence (chain of custody).
- A cloud-based enterprise-class platform designed using N-tier web architecture to withstand high loads, high traffic, and high data volumes; up to 50,000 concurrent users.
- A remarkable enterprise solution that effortlessly combines out-of- the-box functionality with extensive customisation options.
- Complementary to the customer's existing IT ecosystem with a high level of integration capabilities, utilising the integration API's built into the product DNA.





THE HARDCAT DIFFERENCE

HARDCAT LEBOSI COMPLEMENTS ERP AND FINANCE SYSTEMS

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

- Asset data is less credible and accurate without a consistent format.
- Our data capture via our smartphone App allows users to capture asset information in a consistent format and migrate or integrate into ERP solutions.
- ERP solutions are usually implemented as a financial management of the procurement activity, thereby an asset register is based on purchase orders.

Hardcat easily integrates with ERP solutions to create individual asset records at time of procurement and then validate their existence and locations through the audits and send updates to ERP solutions.

ERP solutions therefore are not usually set up to drill down to the detailed level of data that Hardcat is designed for:

- Recording and managing assets as unique/individual records through serial numbers and/or barcoding/Rfid tagging.
- Track the write off of faulty assets that need disposing.
- Individual disposal tracking of assets to provide proof of ethical disposal.
- Manage assets at a more granular level to meet operational and compliance requirements.
- Where assets are not registered as unique records in your ERP, Hardcat can complement the process through individual asset tracking and auditing. Providing accuracy of your asset register.
- Users are not able to audit assets based on a purchase order of 100 assets, and be specific about which one is missing. Particularly when you are dealing with serialised critical assets.





ENTERPRISE SOLUTION FOR HOSPITALS

WHAT THE SOLUTION CONSISTS OF:

- Proven Hardcat Data Capture Methodology
- Suitable and reliable barcode labels or RFID tags
- Smartphone Application for iOS and Android
- Enterprise web-based software (integration-ready)

The solution is based on Hardcat’s 36 years of experience in data capture of assets across all industries worldwide. Hardcat will become a profit center to Hospitals and guarantee success of the project, in a fraction of the time and cost that would be incurred without Hardcat.

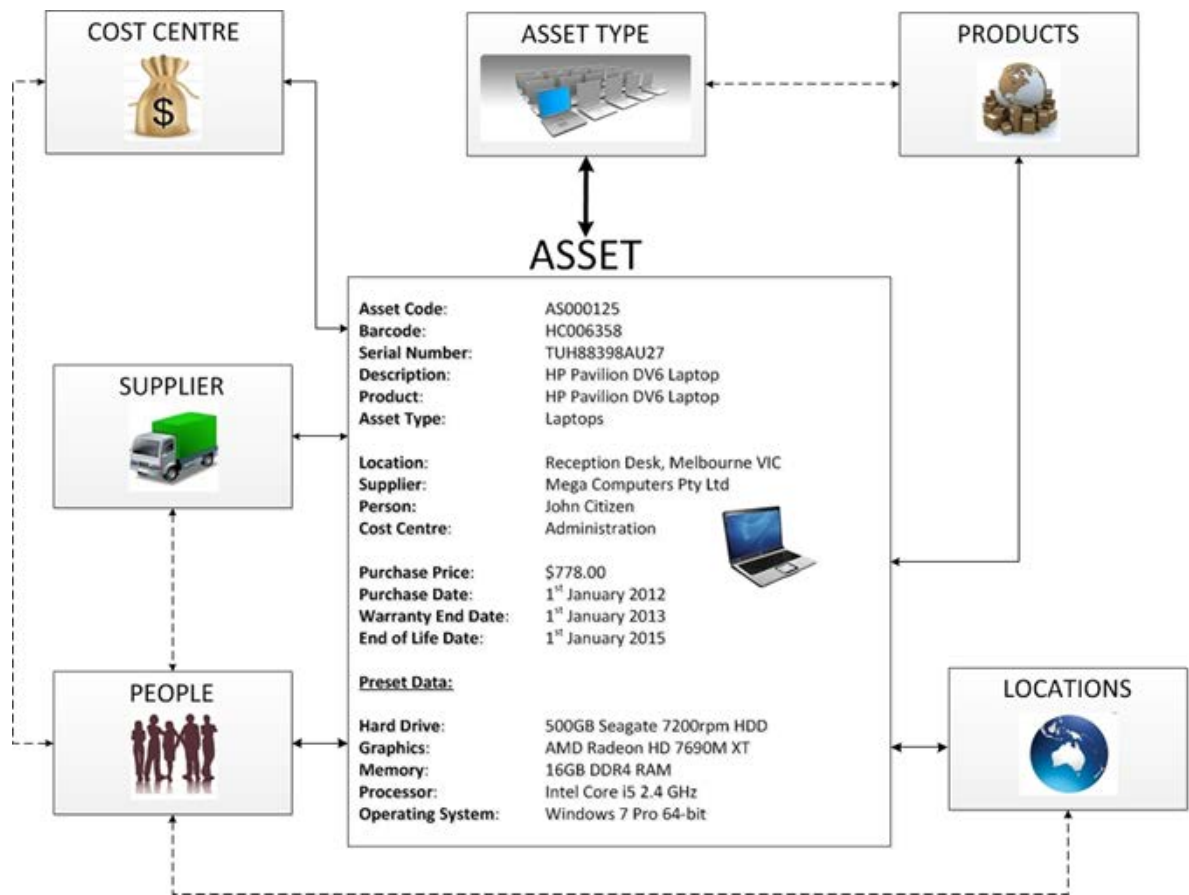
WHAT WILL HARDCAT PROVIDE:

1. Data capture instruction manual
2. Data collection App
3. Hardcat Lebosì solution software
4. Data processing services
5. Support services
6. Help desk services
7. Quality assurance
8. and much more ...





HARDCAT ENTITY RELATIONSHIP DIAGRAM





BENEFITS FOR HOSPITALS

Ease of Use

Hardcat Lebosi is designed for ease of use and high productivity. Scalable from the small private hospitals to the large government hospitals, users can configure Hardcat Lebosi to index any type of item and adhere to classification requirements.

Multiple Pieces of Equipment

Hospitals handle multiple pieces of equipment that require thorough and accurate tracking. Hardcat Lebosi tracks equipment locations, such as cabinets, shelves or spaces within a larger room or track items within other containers.

Processing all Movements

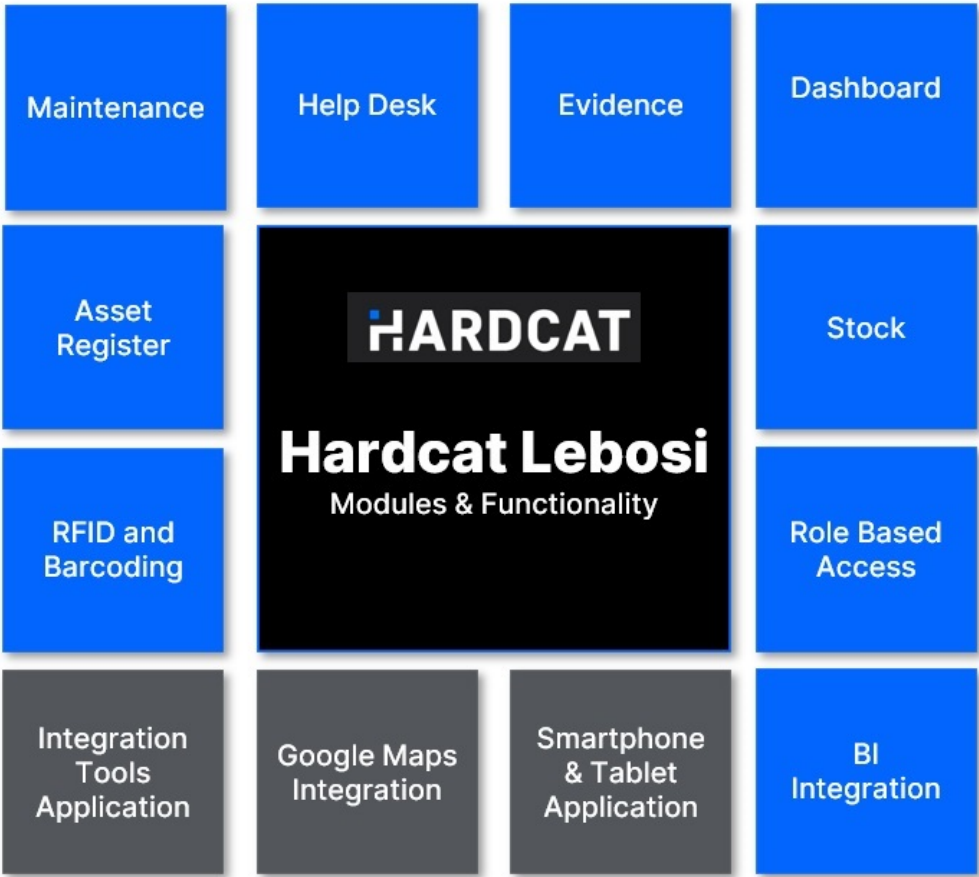
Hardcat Lebosi uses barcode labels and/or RFID tags for processing all movements and works with either laptop/desktop, smartphones, tablets or portable scanners.

Borrowed/Loaned Item Check-outs and Check-ins

Hardcat Lebosi allows for recording item check-outs to borrowers and loans to other departments. All movements are recorded to the chain of custody where you will know exactly where the item is and where it has been. Electronic check-in is captured from borrowers when they receive the item(s) in their possession.

Alerts

User-definable alerts can be set for any item, which prompts users for maintenance, equipment audits, or any other user-definable requirement you configure into the system.





SAVINGS FOR HOSPITALS

Activity	Hospital savings annually
Audit Time Reduced	\$ 24,000
Transfer equipment between hospitals	\$ 2,000
Reduced training time	\$ 2,000
Reduced IT support costs	\$ 5,000
Reduce current annual maintenance	\$ 3,000
Reduced purchasing	\$ 10,000
Staff movement between hospitals	\$ 2,000
Personnel leaving the organisation	\$ 2,000
Self-audit	\$ 15,000
Reduce time looking for assets	\$ 10,000
Increased asset valuation	\$100,000
Issue and return of loaned equipment	\$ 3,000
Total Savings	\$178,000



Hardcat Introduces Clinical Approach to Fixed Asset Management of Critical Medical Equipment at Royal Melbourne Hospital

Melbourne's oldest hospital benefits from cost efficiencies, increased productivity and improved medical outcomes through using Hardcat asset management software to account for the maintenance scheduling, storage and usage of all equipment used in its clinical operations.

MELBOURNE, AUSTRALIA – Established in 1848, RMH is one of Victoria's leading clinical and teaching hospitals. Its two city campuses utilise a large array of medical equipment for diagnosis, treatment, surgical procedures and recovery. As its core objective RMH's Clinical Engineering Department (CED) is trusted with ensuring that over 10,000 individual assets are locatable, maintained, tested and in a reliable working condition at all times.

Its inventory includes everything from Residual Current Devices protecting electric power outlets, through to patient monitoring systems in critical care environments. Many of these items are portable and used across multiple Departments within the organisation's two hospitals, dispersed satellite clinics and Aged Care facilities.

Ms Nicola Donaldson, CED's Deputy and Quality Manager said: "Our previous asset management system was unable to support department objectives to increase automation of work orders for scheduled maintenance.



Case Study

We wanted to eliminate some of our old paper-based systems to make the generation and management of planned preventative maintenance work orders easier while also allowing our customers to quickly raise job requests when malfunctions or incidents call for repairs.

“Deficiencies in the old system had started to create unacceptable risks for RMH in governance, regulatory compliance and cost efficiency.” RMH CED selected a range of Hardcat tools to support the upgrade of its asset management processes. This included the core Asset Register, its Preventative Maintenance and Help Desk modules, as well as MiCatX licenses which provided in-field Work Order Management via hand-held devices. It has subsequently introduced a Stock Management module to better manage the spare parts that are kept on hand.

An ISO9001-accredited system, Hardcat allows CED to take a holistic or siloed view of assets groups or assets classes while also facilitating floor-plan mapping to track locations. A combination of barcodes and hand-held devices are used to capture and present real-time data about the status of individual assets.

CED Director, Mr Jack Davie said: “Where we were previously working for the database, now, the database works for us. We are better able to account for the large number of assets under management which has contributed to making the Department much more productive and allowed us to prioritise resource allocation. Just about all of the governance and compliance risks that were inherent in our old in-house system have been mitigated through the implementation of Hardcat.” RMH now has an easy-to-use, intuitive solution which can identify any given asset’s location and repair status, at any time, by anyone in the department.

Lakshmi Thiru, a Biomedical engineer in RMH’s CED said: “Implementing the Stock Management module has been the driver of a substantial transformation within our department. It has significantly improved our processes for storing and managing spare parts which has significantly increased productivity. We can now view an image of a part to help locate it quickly as well as set alerts so we are notified when minimum stock thresholds are breached. We now use this function to generate a weekly stock re-order report.

BENEFITS AT A GLANCE

- Support mechanism for OHS check-lists
- Ease of finding asset locations and repair status
- Real time tracking of equipment
- Automated alerts when maintenance is due
- Cultural change from reactive to proactive asset management
- Risk mitigation against equipment malfunction
- Efficiencies in maintaining data integrity through use of hand-held devices
- Prioritisation of Work Orders (Critical versus Non-Critical equipment)
- Defined repair procedures within Work Order including progress check-list
- More accurate forecasting through visibility of replacement cycles
- Supports ISO9000 process
- Easy bulk changes and repetitive process definition

Before



After



Customer Profile

Website:

<https://www.thermh.org.au/>

Organisation:

Royal Melbourne Hospital (RMH)
Clinical Engineering Department

Location:

Melbourne, Victoria

Industry:

Health Care

Hardcat Products:

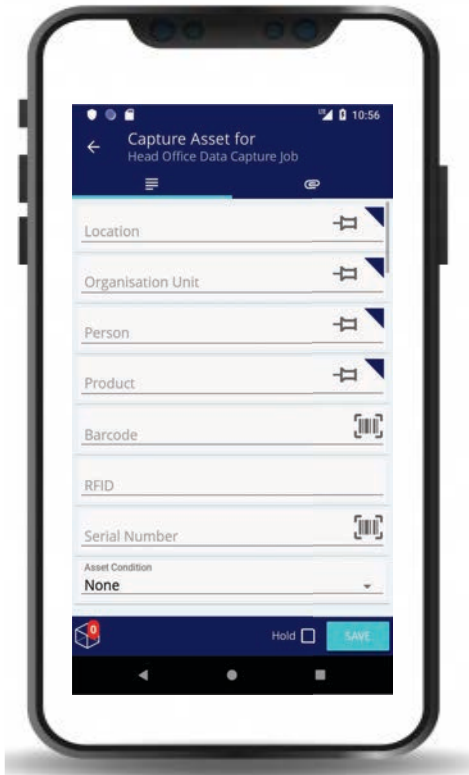
- Asset Management Module
- Maintenance Module
- Help Desk Module



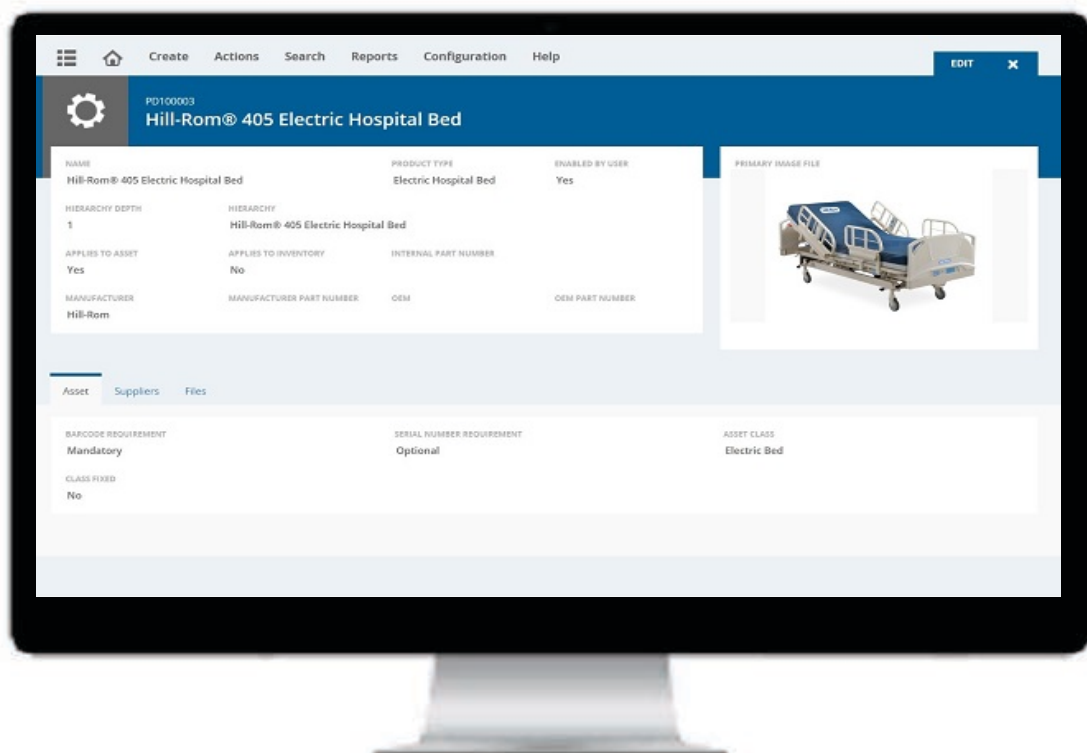


Hardcat App

smartphone and tablet



**Enterprise
Web-based**
software





ASSET 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 assets, depending on the equipment surface and material suited to its environment and conditions. Equipment tags can be made to withstand harsh environments and conditions.



MC3390R Long-Range UHF RFID Reader Barcode Scanners



RFD 8500 RFID 1/2D Scanner



Laser Etched 2D Barcode



Barcode on metal surface



Fixed Readers





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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