

HARDCAT

Delivering Asset Certainty



www.hardcat.com

HARDCAT

DEFENCE SOLUTIONS



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Body Worn Camera

Communications

Surveillance Equipment

Ballistic Protection

Specialist Kit

Carriers

Firearms and other
Armoury Assets

Uniforms

PPE

Armoury and Operational Equipment Tracking and Governance



ARMOURY AND OPERATIONAL EQUIPMENT TRACKING

Hardcat Lebosi® is a comprehensive assets and equipment management software system, specifically geared towards providing organisations with the quickest, simplest and most efficient tracking of all equipment, from armoured vehicles to PPE equipment.

The Hardcat Lebosi solution has been developed utilising the Hardcat nGen® platform. A model driven technology allowing each of our customers and organisational units to adjust the system accordingly to meet their requirements rather than changing their processes to fit the solution.

CONTROL AND ACCOUNTABILITY

No matter the size or deployment Hardcat will give you total control over every item used by every soldier in every situation. Clearly Hardcat is a game changer when it comes to armed forces and assets. Hardcat Lebosi allows small to large bases to improve their operational efficiencies and provide complete transparency across the life cycle of assets, machinery, equipment and incidents.

KEY BENEFITS

- Satisfying key legislative compliance requirements for critical assets – reduce risk.
- Ensuring issuing of safe and maintained assets for member safety.
- Increase operational efficiency.
- Reduction of manual effort in managing the chain of custody process.
- Scalability to expand with your organisational needs.
- Audit trail of all movements and actions on assets.
- Improved audit ability across all entities within the system.
- Manage the complete life-cycle of assets, equipment, and incidents.
- Put valuable resources back onto front-line operations.
- Unlimited user definable fields.
- Restricted views depending upon job role.
- Asset audit/data capture/self-audit capability.
- Unique identification using barcoding and/or RFID.
- Mobility on smartphone iOS and Android in a wireless or connected mode of data transfer.
- Rapid issue and return.
- Service centre.
- Ease of use.
- Customisation flexibility.
- Centralised security.
- Preventative maintenance.
- Centralised business rules.
- Automated brief construction for events and incidents.
- Future proof platform utilising leading edge Rich Internet Application technology.
- Easy integration to other disparate system via .NET API, Message Queuing and Web Services.





SOLUTIONS

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.

CHAIN OF CUSTODY

Hardcat provides customers and organisational units with the ability to capture items and construct a complete audit trail of movements and transfer of custody of that item over its life.

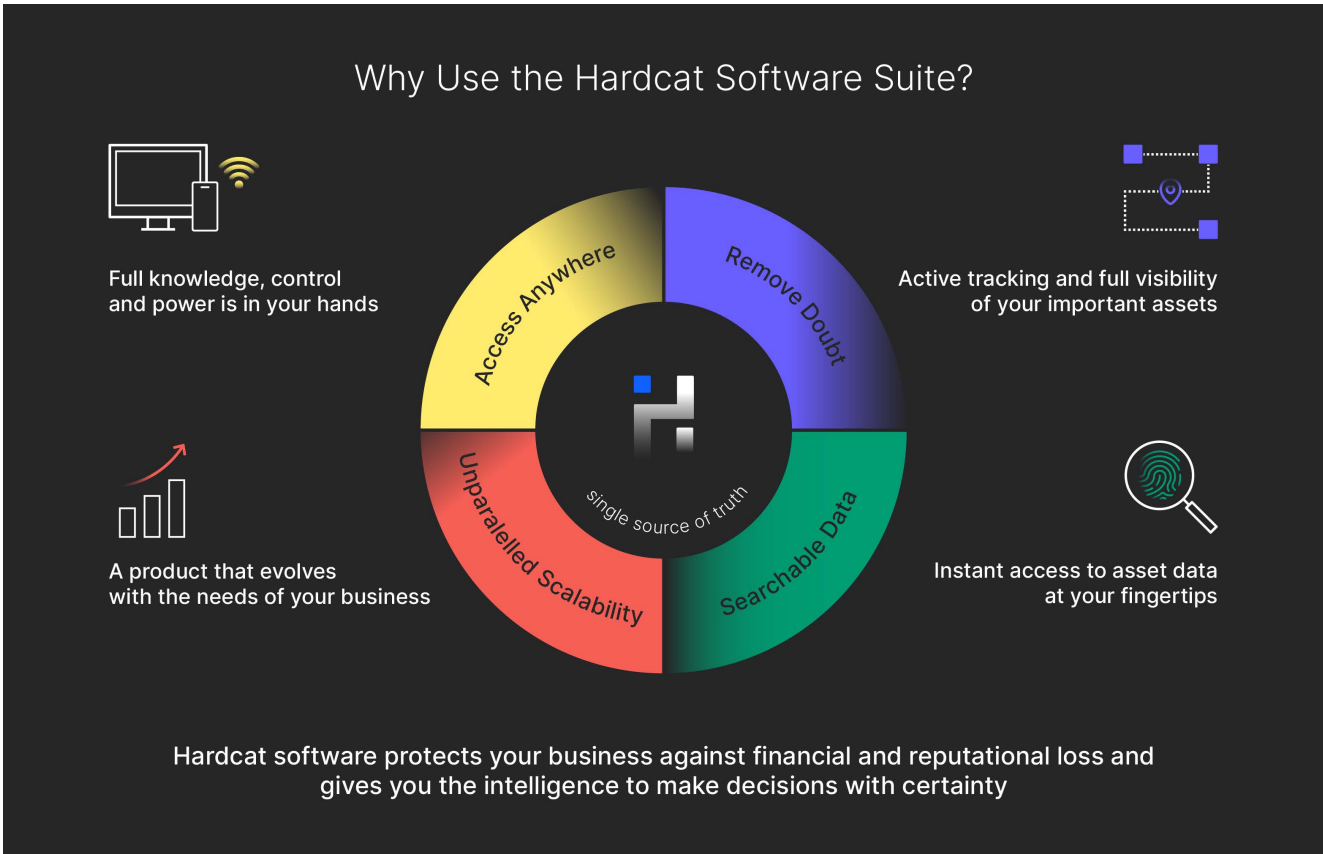


STANDBY EQUIPMENT

Equipment that is put in place for specific forces to be able to deploy at a rapid pace and in short response times. Hardcat's rapid deployment of equipment ensures you know where every piece of equipment is at any given time.

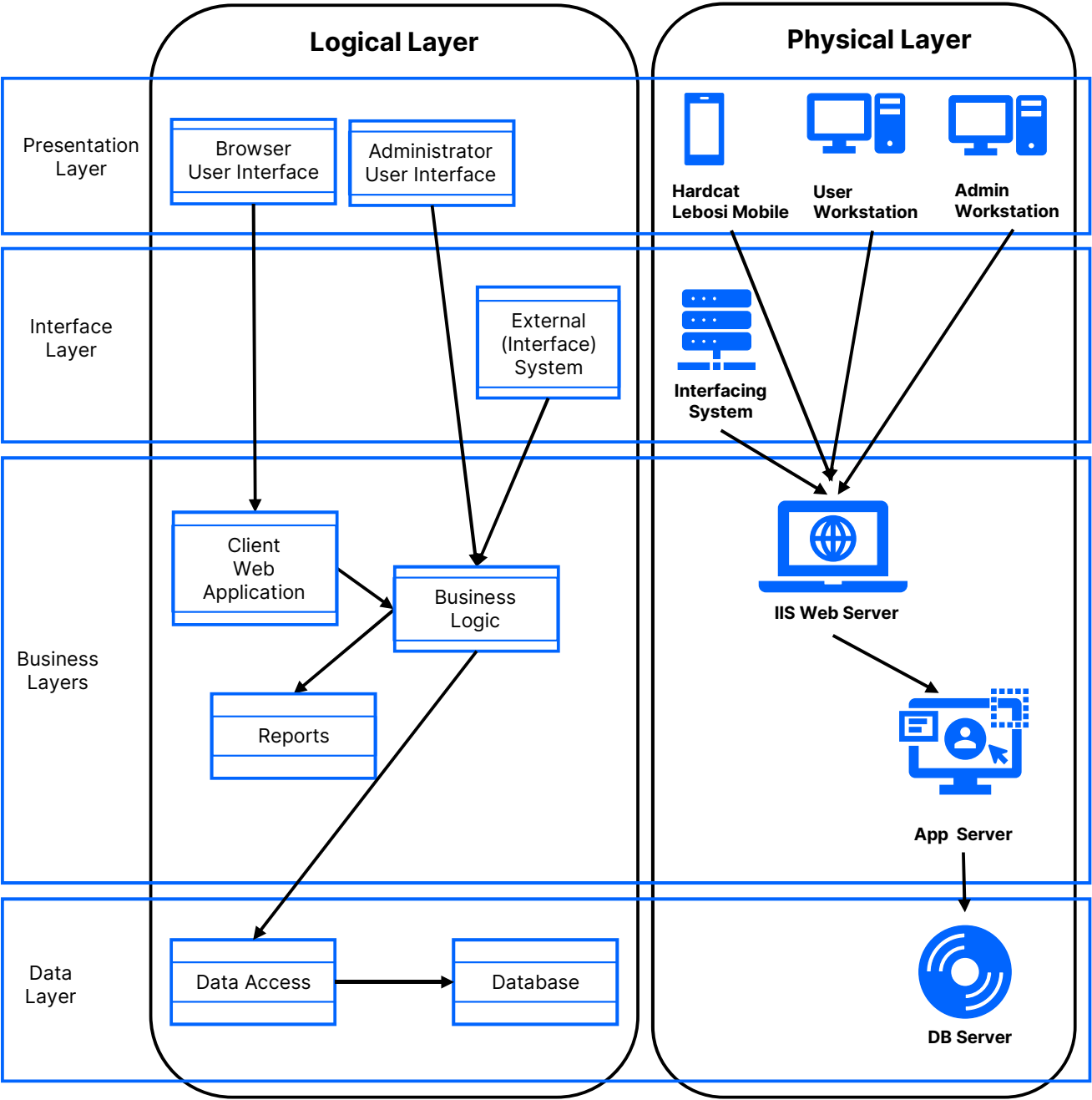
Ask your quartermaster this simple question. If he doesn't know the answer your system is a failure! "How many hand-held radios do we currently have out in the field, and who has them"?

WHY USE THE HARDCAT SOFTWARE SUITE?





MODERN ARCHITECTURE AND TECHNOLOGIES





SAVINGS WITH HARDCAT

Equipment Issue and Return

BEFORE HARDCAT



10 pieces of equipment per soldier
2 minutes per piece of equipment
30 Soldiers

AFTER HARDCAT



10 pieces of equipment per soldier
2 seconds per piece of equipment
30 Soldiers

Equipment Audit

BEFORE HARDCAT



Total time = 20 Hours

1200 pieces of equipment
1 minute per piece of equipment

AFTER HARDCAT



Total time = 40 Minutes

1200 pieces of equipment
2 seconds per piece of equipment





LOCATION AUDITS

RFID scanning for quick, efficient and accurate audits across the entire organisation.





BENEFITS

Hardcat ensures unparalleled benefits and user experience providing special forces teams, soldiers and personnel with the following:

- Mobility on smartphone IOS and Android.
- Rapid issue and return.
- Ease of use.
- Improved audit ability across all entities within the system.
- Manage the complete life cycle of assets and equipment.
- Unique identification using Barcoding and/or RFID tags.
- Customisation flexibility.
- Role based access, reporting and view.
- Organisational change management.
- On-line training and videos for ease of roll-out and training.
- Role based training and learning.
- Consolidated view for governance reporting and risk mitigation.
- Centralised security.
- Centralised business rules.
- Future proof platform.
- Easy integration.
- Audit trail of records accessed and revisions.
- Asset audit/data capture/self-audit capability.
- Restricted views depending upon job role.
- Unlimited user definable fields.
- Scalability.

Mitigate the risk of unexpected equipment breakdowns with complete visibility over equipment performance and maintenance. Save valuable time and ensure all critical equipment is compliant, locatable and in the best possible working order.

FIREARMS AUDIT INTEGRITY

Hardcat's RFID solutions will massively improve operational asset tracking efficiency. Each individual asset monitored by fixed RFID gateways with Hardcat software generating an audit trail of every audit log, last known location, inspection, testing and maintenance event.





WHAT OUR CLIENTS SAY



British Infantry 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 1000'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 firearm.

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

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

- 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 from being issued.
- Report shows what weapons have not returned.



BAE SYSTEMS

BAE MARITIME NAVAL SHIPS (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 new Queen Elizabeth Class Carriers upon which construction had already started.

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.

A seven year contract with Hardcat for support and maintenance of the Hardcat solution, 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".



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





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.



MC3300 RFID
Series Barcode
Scanners



RFD 8500 RFID 1/2D
Scanner



Laser Etched 2D
Barcode



Barcode on metal
surface



Fixed Readers



HARDCAT

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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