



HARDCAT

Certainty When It Matters

Fire & Rescue Services
Equipment Management

Unique Solution

09/11/2021

Equipment Management

Hardcat's equipment management solution has been selected by many emergency service organisations due to its flexibility, ease of use and most importantly certainty when it matters.

Having worked with emergency service organisations for over 20 years, Hardcat knows what is required.





Nearside Equipment Tracking

Sample of the types of equipment that can be tracked on the nearside of the appliance.

- HAZMAT Equipment
- Portable Pump
- Cordless Drill
- Chain/Bow/Power Saws and Kit
- Step/Crib Blocks
- 5/10/Petrol Hydraulic Hoses
- Holton Foot
- Patient Protection Shields
- Ram Extension Tube
- Little Giant ladder
- Attack/Lay Pack
- Air Hydraulic Pump
- Door Opening Kit
- Sledge Axe
- Mcleod Tool
- Short Handle Shovel
- Glass Catcher
- Air Bag Restraint
- Combi Tool
- Spine Board
- Halligan Tool
- Keys!
- Oxygen Cylinder
- BA Cylinder
- CO2 Extinguisher
- DCP Extinguisher
- PPE/PPC Kits
- Etc...

Offside Equipment Tracking

Sample of the types of equipment that can be tracked on the offside of the appliance.

- Hazard Ahead Sign
- Suspicious Substance Kit
- Debris/salvage Sheets
- FE Suit
- Life Jacket
- Spill Bins
- Perc Hose
- 1 kVa Generator
- PPV
- Goliath Light Bracket
- Tripod
- Fold-up Trolley
- PPC Kit and Gear Bags
- Asbestos Containment Bag
- Storz Adapter Set
- Bottled Water and Refreshment Kits
- No Entry & Hot Zone Tape
- Height Safety Pack
- BA Cylinders
- Fuel and Oil
- Hydrant Bar
- Foam Eductors and Tubes
- Extension Ladders
- Etc..





Firefighter Safety

Ensure breathing apparatus and PPE are in top condition. RFID tagged breathing apparatuses, which are assigned to an officer at the station, can easily be tracked and re-assigned when the officer changes shift.

Equipment Maintenance

Ensure that equipment is in good working order and not past scheduled and/or planned maintenance date. Hardcat has a built-in maintenance module that will schedule regular maintenance and inspections, keeping your equipment in good working order.

Appliance Equipment Checks

Faster gear check: your twice daily audit/check of appliances is as easy as a quick scan. The Hardcat solution will also check the electrical equipment and electrical appliances stowed do not have an expired electrical inspection date, and that the date is not over six months since its last electrical inspection.

Hardcat will ensure fire trucks are correctly equipped before deployment and will alert you if there is anything missing.

Faster Gear Checks

A quick scan before going on duty will ensure every firefighter is correctly equipped and will alert you if there is anything missing.





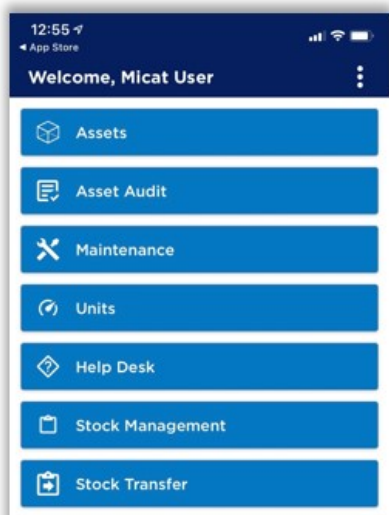
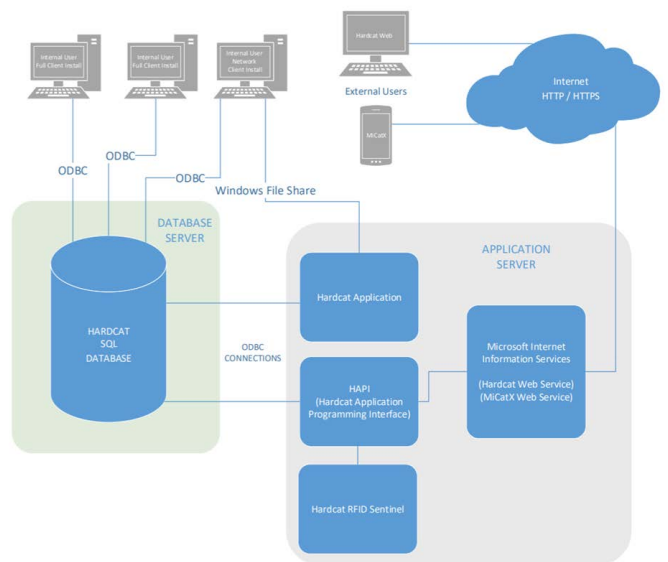
Managing Assets Off-line

As the complete or partial database can be contained within the mobile device, there is no need for connection to the Internet.

Your data is protected and secure from any cyber-attack.

Data can be synced manually or on a user configurable schedule.

Mobile device users can complete inspections, view detailed asset history, and easily track parts and labour in real-time or via off-line mode with complete protection from cyber-attack.



The Hardcat mobility app provides simple, fast, and reliable communication between the office and field.

While deployed to operations, the Hardcat mobile solution can work off-line and thus minimise exposure to data interception, transmission noise, and inbound cyber-attack.

Savings Per Station

Audit time reduced

Based on Hardcat experience the time to perform audits will be reduced by up to 80%. If the audit is performed yearly, the estimated savings per station would be a minimum of \$24,000 per year (Based on 5000 items of equipment).

Transfer equipment between stations

Movement of underutilised equipment between stations will create a saving of a minimum of \$2,000 per station per year.

Reduced IT support costs

The IT head count at each station should be reduced due the use of a hosted system that will replace current systems for equipment management and planned maintenance. It is estimated that a conservative saving of \$5,000 per station will be created.

Reduced time looking for equipment

Hardcat will reduce the time spent by staff looking for equipment within their station. A per station saving of \$10,000.





New \$18m fire and emergency services centre for Toowoomba region.

Savings Per Centre

Reduce current annual maintenance

Hardcat will replace all equipment management and planned maintenance software currently in use at each centre. Therefore, a considerable saving will be created due to the reduction of annual maintenance fees. A conservative savings per centre would be \$3000.

Self-audit

Hardcat allows management to request that staff perform a self-audit of equipment under their responsibility. A conservative saving of \$15,000 per station.

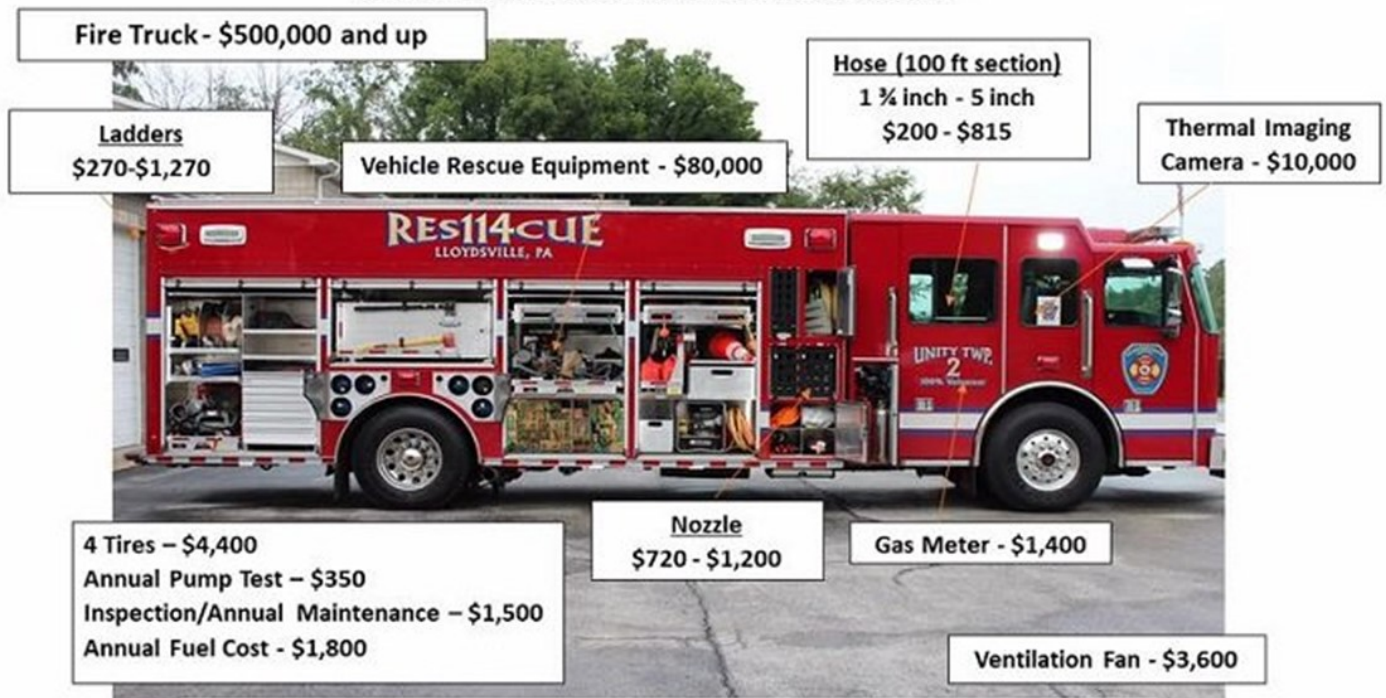
Increased equipment valuation

Hardcat will allow centres to have better knowledge and understanding of the actual value as well as location of their equipment base. This will better enable the organisation to show correct information to government bodies. Huge increased valuation by 30% to 50%.

Level of station stores and ordering of consumables

Purchasing will be reduced within the enterprise due to Hardcat supplying transparency across all centres and stations. Instead of purchasing new equipment, Hardcat will identify equipment in stores or that are surplus in others locations for redeployment. A figure of \$10,000 per station is the estimated saving in preventing unnecessary purchasing.

How much does a fire truck cost?*



The life of your firefighters ... priceless

Note: prices are based on the average cost of the equipment. All costs may vary by department needs, regulations, location, other equipment, and additional equipment required for specialised training. Pricing does not include all equipment on the appliance.

Activity	Station savings per year	Number of stations	Combined savings per year
Audit Time Reduced	\$24,000	150	\$3,600,000
Transfer Equipment Between Stations	\$2,000	150	\$300,000
Reduced Training Time	\$2,000	150	\$300,000
Reduced IT Support Costs	\$5,000	150	\$750,000
Reduce Current Annual Maintenance	\$3,000	150	\$450,000
Reduced Purchasing	\$10,000	150	\$1,500,000
Staff Movement Between Stations	\$2,000	150	\$300,000
Personnel Leaving The Organisation	\$2,000	150	\$300,000
Self-Audit	\$15,000	150	\$2,250,000
Reduced Time Looking For Assets	\$10,000	150	\$1,500,000
Issue And Return	\$3,000	150	\$450,000
Total Savings	\$78,000		\$11,700,000

Equipment Tags and Hardware

"we supply what 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.



RFD 8500 RFID 1/2D Scanner

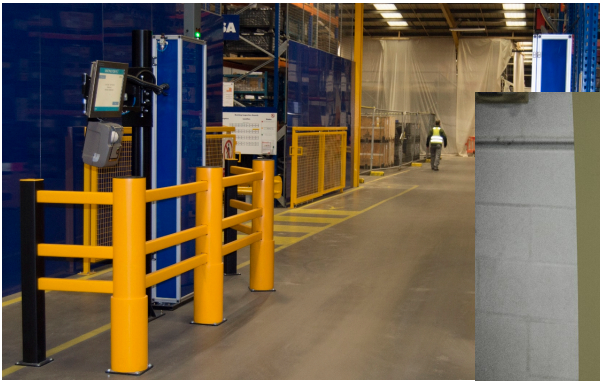


MC3390R Long-Range UHF RFID Reader Barcode Scanners



DS8178 1/2D Barcode Scanners

Fixed Readers



Laser Etched 2D Barcode



UHF RFID Hard Tag



Hardcat solutions have been chosen by over 2,000 of the world's most prestigious corporate and government bodies in 121 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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