

HARDCAT

Delivering Asset Certainty



hardcat.com

Tool Management And Tracking Solution



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TOOL MANAGEMENT AND TRACKING THE ADVANTAGES:

Finding instead of searching can significantly cut costs and improve efficiency. When tools are scattered or misplaced, personnel spend valuable time searching instead of focusing on their tasks. This not only delays projects but also increases labour costs and frustration.

By implementing our tool management and tracking solution we provide instant visibility into tooling data that can eliminate the need for lengthy searches, saving both time and money while boosting productivity.

1 Buy Fewer Replacement Tools

A tool management and tracking system minimises the risk of untraceable tools and loss, helping you keep better track of your assets and significantly reducing the need to buy costly replacements.

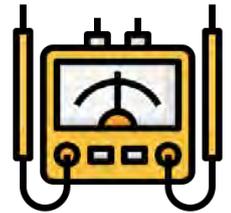


2 Enhance Personnel Accountability

When employees know that tool usage is tracked and reportable, it fosters greater responsibility. This awareness encourages proper use and care of tools, reducing damage and loss while promoting a culture of accountability.

3 Streamline Testing and Maintenance

Accurate calibration and proper documentation of test equipment are essential to avoid manufacturing errors and compliance issues during audits. Define calibration intervals, monitor schedules, and log measurement results, ensuring precision and readiness at all times. Schedule maintenance and calibration alerts. Receive damage notices and repair requests from the field. Track a history of all these activities so that you can keep your tools and equipment working.



4 Simplified Regrinding Management

Regrinding is generally cheaper than a new purchase. Record all tool data, such as the remaining tool life or the number of regrinds to date. Our solution can also automatically trigger a regrinding job.

5 Stock/Parts/Consumables Optimisation

How much time do you spend ordering stock and consumables? Automatic alerts if stock levels fall below the minimum – no more oversupply or undersupply. Plus the ability to track consumables and charge them to jobs.



6 Tool Audit and Field Audits

Need an easy way to check with field personnel to make sure they still have a tool that was assigned to them? Tool audit allows the shop manager to quickly request an audit of any tool at anytime. Keep track of last audit date and the condition of every tool with the best audit process in the industry.



SOLUTION FEATURES

The implementation of our digital tool management and tracking solution enhances productivity, elevates quality standards, bolsters safety measures, and ensures comprehensive tool accountability and consistency across your organisation. Unlike other options, our user experience is clean, simple and easy to use, allowing tools to move from tool crib to field, or from person to person fluidly.



Track Issued Items with Ease

Monitor and manage all issued items, ensuring that they are accounted for and reduce the risk of loss or misplacement. This streamlined visibility allows for better control and efficiency in your operations.



Boost Accountability with Tool Tracking

Comprehensive traceability, including flagging of tools not returned. Tools can also be traced to specific jobs empowering your organisation to facilitate strategic planning and meet essential compliance requirements.



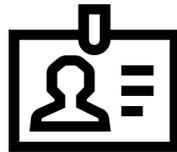
Optimise Maintenance

Optimise tool maintenance by keeping track of usage, wear, and service schedules. A proactive approach ensures tools are always in top condition, reducing downtime and costly repairs while extending their lifespan.



Robust Tool Calibration and Service Management

Maintain precision and compliance through reliable calibration and service tracking.



Effortless Tool Issuance with Personnel ID Association Facilitated through Wireless Scanning

Validating suitably qualified and experienced personnel during tool issuance, significantly improving safety by ensuring proper tool qualification before distribution.



Minimise Risk with Digital Inspections

Reduce costly incidents and regulatory risk with digital inspection management and check-lists.



Recording of Tool Assets and Consumables (inventory counts)

Prevent unexpected breakdowns by improving the way you manage, track, and purchase spare parts.



Smart Solutions for Managing your Tools Anywhere

Improve productivity with mobile apps and save costs with automated, data-driven workflows.



Streamline your Workflows with Digital Tool Tracking

Keep track of maintenance by creating, assigning and prioritising digital work orders.

CUSTOMER CASE STUDIES

BAE Systems Australia is one of the largest defence contractors in Australia. It was formed by the merger of British Aerospace Australia and GEC-Marconi Systems. It is a subsidiary of BAE Systems.

BAE has been using Hardcat for several years and more recently for the Hunter Class Frigate Program's six anti-submarine warships across Australia's largest shipyard Osborne Naval Shipyard in South Australia, which involves the colossal task of coordinating millions of ship parts, up to 2,200 employees at any one time, and managing more than 21,000 tools.



The project followed the Hardcat Project Delivery Methodology, beginning with the Discovery phase whereby the client stakeholders were engaged in workshops to validate the project requirements and develop both the technical solution, based upon the Hardcat Lebos software, as well a suitable delivery plan to successfully deploy the solution within their organisation. The customer's existing asset datasets were uploaded into a non-production 'Strawman' representation of the BAE Systems Australia data structures which facilitated rapid prototyping of a customer-specific solution and early validation of necessary configurations. The continuous interactions provided immediate visibility to all stakeholders in regard to the solution outcomes and the associated user experience.

According to BAE's Digital Translation and Operational Delivery Project Manager "we have introduced a tool tracking system, that replaces manual processes with an innovative pass-swiping asset management capability. Checking out a tool is now as simple as scanning a pass, the tool or consumable, and then scanning them back in when done. The software also tracks tool usage, duration, job assignment, and operator qualifications which eliminates time, mistakes, and paper".



ADNOC Gas Processing (formerly GASCO), is a natural gas producing company of Abu Dhabi. Founded in 1971, ADNOC is a leading diversified energy group, wholly owned by the Abu Dhabi Government. Their network of fully integrated businesses operates across the energy value chain, helping to responsibly meet the demands of an ever-changing energy market.

ADNOC uses the Hardcat tool management and tracking solution to track the usage of over 6000 tool assets in 319 categories by 287 staff in the centralised tool room of its Habshan 5 Plant in UAE. The tools range from small hand tools to chain hoists and large scale maintenance equipment.

"We control all issues and returns of tools and audits are now automated saving manpower and time with zero Human error. Better lifecycle management of full tool inventories has been identified by business process engineers as a simple and effective method of improving bottom line business performance."

 [Click For More Information](#)

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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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