

ASSET TRACKING SYSTEM FOR LEADING OIL AND GAS PLANT CASE STUDY



Visit the Hardcat website for more information on tool management [here](#)

Tool Room Scenario

Currently, the main tool room area of the GASCO Plant has over 6,000 assets. These include small tools items, chain hoists to large maintenance equipment.

These items are issued to workmen against requests and then returned back to the tool room via a issue and return desk. Some items are also permanently issued out. Items are tracked against the area they are sent out to.

The issue and return workstation, which is manned by four store keepers, primarily tracks issued items against an employee ID.

Currently, their asset register is maintained in an excel spreadsheet and each time an asset is issued out, the details are updated by the storekeeper manually on the spreadsheet.

The same is performed when the items are returned. The storekeeper also manually updates the asset register when newly purchased items arrive, are scraped or are stolen.

Key Problem Areas

1. No formal asset register
2. No item identification tags or labels
3. No automated way of tracing which employee ID is issued what item
4. No product categorisation
5. No issue and return history against each item
6. No system for inventory or maintenance audit
7. No standard list for location and people
8. Spreadsheet asset register has no security
9. No system transaction history of who did what within the spreadsheet

Hardcat Advantage

- Reduce time to perform Workshop audit by 80%
- Reduce time to perform issue and return by 90%
- Reduce time to produce tool usage reporting by 80%
- Allow complete audit trail of each individual tool or piece of equipment
- Monitor consumables, stock levels, spare parts, issue, usage and returns
- Configuration and setup of Hardcat was hours not weeks or months
- Compliments your current as well as future ERP systems
- COTS "off the shelf" software, no hidden costs, completely affordable