

## Tools Tracking using RFID

Keeping track of the tools and equipment is as important as keeping track of the goods being produced. Tools are not only expensive items – if they are not in the right place at the right time, it can disrupt production.

The tool tagging system helps to reduce loss or theft, organize tools and equipment and keep records of leased tools and equipment. The tool tagging system automatically identifies and tracks the RFID tags that are attached to tools and equipment.

As each tool is scanned, the information is uploaded to the back-end system. Therefore it is easy to see where it has been used and when and – as the system can be used in conjunction with staff identification – who has last used it.



## Benefits of using RFID for tools tracking

- Reduce loss or theft of high value assets, organize tools and equipment and keep records of leased equipment.
- Provide service personnel with visibility into the equipment inventory
- Increase efficiency by eliminating time-consuming manual inventories
- Fast and easy check-out while maintaining accountability for lost or broken tools
- Rugged RFID tags can be accurately scanned without direct line of sight, even when dirty or greasy
- In addition to increased costs and reduced productivity, the lack of efficient tool and equipment management can seriously affect safety across various industries.

## Applications:

- Construction consumable management
- Plant maintenance consumables
- Mining industry consumable management
- Oil and gas consumables
- Utility plant consumable inventory
- Airline maintenance and inventory



## Suitable Tags:

ARKUS (UHF PCB RFID Tags)		36*13*3mm 10*5*3mm 5*1.5*1.5mm	Alien Higgs9 NXP U8/U9
GEM (UHF Ceramic Tags)		13*9*3mm	NXP U8/U9