TOOL AND EQUIPMENT TRACKING

Tool and Equipment Tracking in Manufacturing Facilities

Asset and equipment tracking across multi-shift manufacturing operations

Logidot

Track. Analyse. Optimise.



Photo: Artem Podrez / Pexels

THE CHALLENGE

In manufacturing facilities running across multiple shifts, portable tools and shared equipment move between work areas, get handed off between teams, and end up wherever the job demands. No system tracks where they go after that. A technician searching for a torque wrench or calibration tool does not lose a few minutes. They lose production time while the asset sits in an unmarked area from the previous shift, or gets replaced at cost when it should not have been needed. Without location data, maintenance scheduling runs on fixed intervals rather than actual usage, so assets are serviced on a fixed calendar in some cases and missed entirely in others.

SOLUTION

Tags attached to tools and shared equipment feed real time location data into the platform. Live View shows every tagged asset on the floor map at any point, reducing search time from a problem that compounds across shifts to a matter of seconds. Access Control uses geofencing to alert the moment an asset moves outside its assigned zone, creating an automatic location record across every shift and handover. Scatter Maps capture the full movement history of each tagged asset over any defined period, supporting both loss investigation and decisions about where assets should be stored between uses. Maintenance alerts fire based on tracked usage hours rather than calendar intervals, replacing fixed schedule assumptions with data that reflects what is actually happening on the floor.

RELEVANT FEATURES



Live View



Access Control



Scatter Maps



Maintenance



Time Between Zones



Automated Alerts and Reports

OUTCOMES

- Asset location visible across the floor at any time, reducing tool search time from shift-level disruption to seconds
- Alerts fire the moment a tagged asset moves outside its assigned zone, creating an automatic record of every movement across shifts
- Full movement history per asset available on demand, supporting loss investigation and decisions about permanent storage positioning
- Maintenance scheduling driven by actual usage hours, reducing both missed service windows and unnecessary interventions on underused assets
- Shift handover accountability captured automatically from location logs, without manual checklists or verbal confirmation

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