

Accurate > Efficient > Traceable Inspections

INSPECTIONS DONE WELL

Manifest can help your workforce perform inspections, audits, compliance, and quality checks faster and better. A combination of real-time, always available guidance, automatic reporting and archiving of key results per facility, location and piece of equipment, and integrated remote assistance capabilities make it possible. Manifest helps modernize inspection procedures, digitize the process of recording and resolving faults and enable less experienced inspectors to be more accurate. Inspection results are automatically archived and fully traceable. Completion evidence, fault reporting and detailed work logs promote accountability.

Uniform Fault Reporting and Resolution

Manifest's built-in fault reporting system provides workers a consistent, integrated way to flag, review, and resolve faults found during inspections. Faults can be recorded for any step of an inspection, and they can be reviewed in situ with 3D AR links overlaid on equipment to highlight exactly where the issue is. Workers can provide photos or videos or text to provide additional context to team members that may need to resolve in the future. Custom input lists can also be created so that workers input status or context in a consistent, structured way that can be aggregated and tracked for compliance and continuous improvement purposes. There is a full resolution workflow with a historical log. Fault reports can integrate with and inform other business systems to initiate process workflows like parts ordering and technician dispatch.

Consistent and Efficient Execution

Manifest's AR-enabled work instructions provide structured guidance, which is always available, to ensure that workers with all levels of experience complete inspections and maintenance checks in an accurate and consistent way. Procedures are completed in a standard, step-by-step order where workers must successfully complete one step before advancing and evidence of completion can be required. Over time, performance can be tracked, and procedures can be optimized so that all workers follow a routine that ensures the fastest or most efficient steps will be taken to complete any inspection or procedure.

Conditional and Dynamic Guidance

For more complex inspections and procedures, Manifest supports conditional paths where dynamic guidance and workflow will change depending on environmental conditions, worker input and other criteria. Real-time, IoT sensor data can be incorporated to aid workers with selecting the best path. A history of path selection is archived for compliance or continuous improvement.

Accuracy

Manifest's step-by-step instructions will drive increased accuracy as workers will follow a procedure that has been optimized for each inspection or task. Following these instructions will also enable less experienced workers to safely perform at an expert level. To further increase accuracy and accountability, workers can be required to submit a photo or a video or meter reading at the end of each step or procedure. These can later be reviewed for accuracy and continuous improvement of the team or procedure or archived for compliance purposes.

Efficient Remote Inspections

Manifest Connect, Manifest's integrated remote assistance capabilities, provides all the collaborative tools to enable remote inspections so experts can be leveraged efficiently, and travel can be limited. Team members can communicate via audio, video, and text chats. Workers on-site can share live video and remote experts can direct these workers using holograms and annotations. Chats and collaboration can be recorded and archived as part of the inspection or job record. A single remote expert can direct multiple on-site workers in different parts of a facility, or a single on-site worker can be directed by multiple remote inspectors, regardless of their locations.

TRACEABILITY

All work done with Manifest is recorded and reported. A complete job history is archived for any inspection or task started or completed. History can be viewed by specific locations, specific pieces of equipment or specific operators. Performance data, submitted verification evidence such as photos, videos, notes, meter reading, or 3D annotations, and fault information can be exported for any completed inspection or task to automatically create a “close-out” package for archiving or compliance purposes.

Archived data can be accessed within Manifest, exported to files, or integrated with a rich set of APIs. Data available for any inspection or task completed with Manifest include:

- The location, equipment class, and specific equipment associated with a job
- The worker that completed the job
- The date the job was started and completed
- The time duration required to complete the job
- The worker that completed each step
- The time duration required to complete each step
- All the evidence submitted for every step of the job including: photos, videos, audio, free form text entries, and custom, standardized inputs
- Any Meter measurement, manually inputted and associated with the Job and each of its steps
- A complete archive of faults reported and resolved and who and when they were resolved per job

STEP-BY-STEP GUIDANCE FOR:



Inspections

A standard, structured step-by-step guidance for accurate and consistent inspections

Audits

A complete Job history archive for every procedure for traceable audits and compliance

Quality and Compliance Checks

Instructions and analytics with a built-in fault reporting system for an actionable and fully archived check

Remote and Team Execution

Work can be assigned and performed by individuals or shared across team members. Remote experts can perform tasks regardless of location



Company Website 
<https://taqtile.com/contact>

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