



# TME® CMMS

Traceability Made Easy®

Inventory & Asset Tracking

Real-time Visibility

Maintenance & Inspection

Dashboard & Report Customization

RFID & Barcode Integration

**MASS**  
group

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**TME**  
TRACEABILITY MADE EASY

# Traceability Made Easy®

Easy Set-up. Fast Integration. One Platform.

## Comprehensive Suite

TME® is an innovative all-in-one software solution that delivers a single source of truth to manage, track, and communicate enterprise activities that provide a clear view into critical business processes.

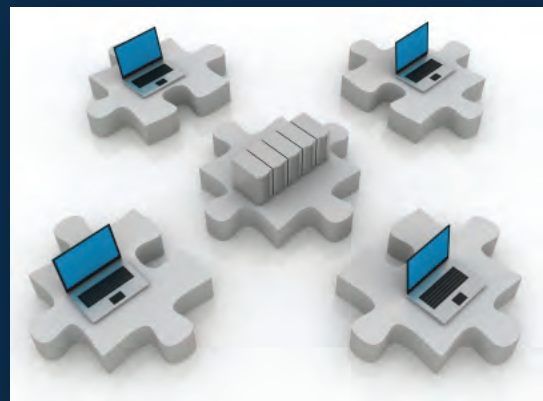


## Rapid Deployment

TME® can be easily installed at half the cost and time of competitive offerings.

## Simplified Integration

Integrate TME® with your existing business systems to improve equipment utilization and streamline processes for greater ROI from your operation.



# Traceability Made Easy<sup>®</sup>

Full Traceability & Genealogy on a 100% Cloud-based Solution



## **Visibility**

Receive accurate data and reporting in real-time to ensure optimized asset utilization and make better informed business decisions.



## **Flexibility**

Define custom fields and create customized dashboards to track and measure any variable and attribute unique to your business.



## **Cloud-based**

Eliminate costly data storage, hardware and operating system requirements with an integrated 100% web-based solution.



## **Mobility**

Track asset location and status with barcode and RFID technology. No manual input is necessary, reducing errors and saving time.

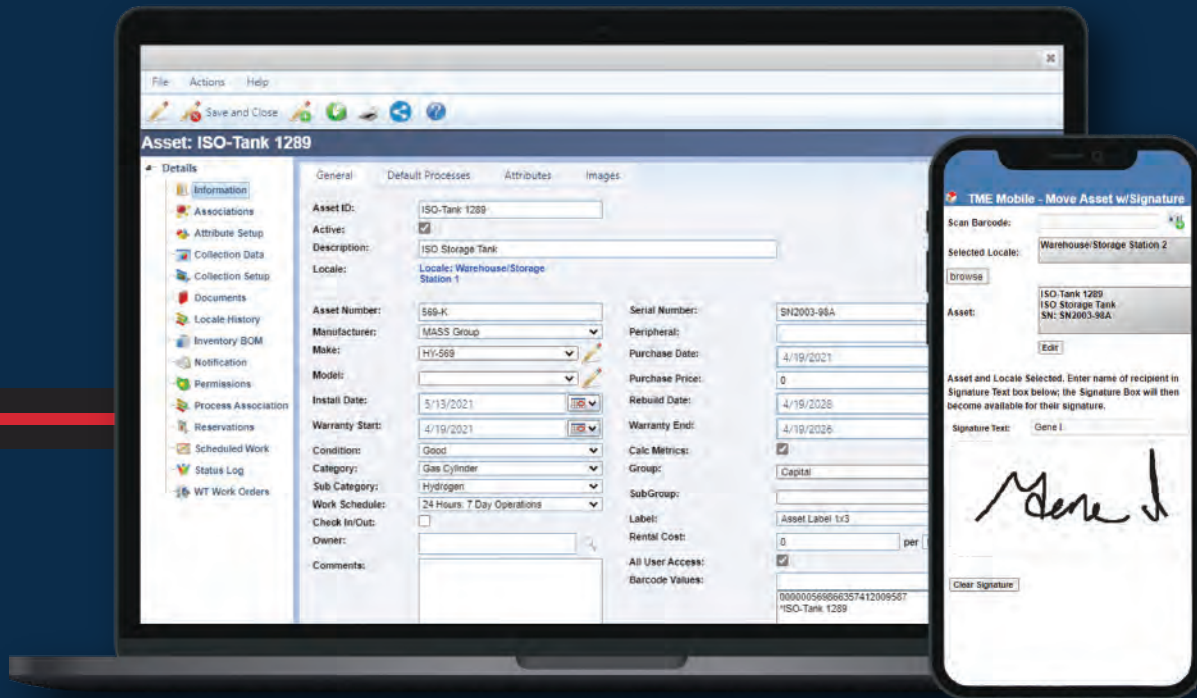


## **User-friendly**

Utilize a simple, intuitive system designed for the non-technical person. It is easy-to-use, implement and maintain.

# TME® CMMS

## Maintenance Management Simplified



### Summary

Gain control and visibility over your entire operation to increase revenue, reduce replacement costs, and enhance customer service with TME®.

Utilize TME® CMMS to maintain and increase the uptime of production equipment; track inventory, assets, and spare parts; electronically manage work orders; schedule preventive maintenance routines and repairs.

### Benefits

- Improve asset database accuracy
- Execute quick and easy cycle counts
- Reduce asset loss with Check In/Out
- Perform efficient maintenance, inspections, and physical audits
- Optimize warehouse space
- Inventory reconciliation
- Document shrinkage
- Track and reduce cost of ownership and overall operational costs



## ***TME® Inventory***

TME® Inventory Management is an easy-to-use, flexible, cloud-based software solution to help eliminate inventory surplus, insufficient stock, unmanaged and unorganized store-rooms that can be roadblocks to achieving operational efficiency.

Cycle Counts of inventory that used to take days can now be completed in minutes with TME®.



## ***TME® EAM***

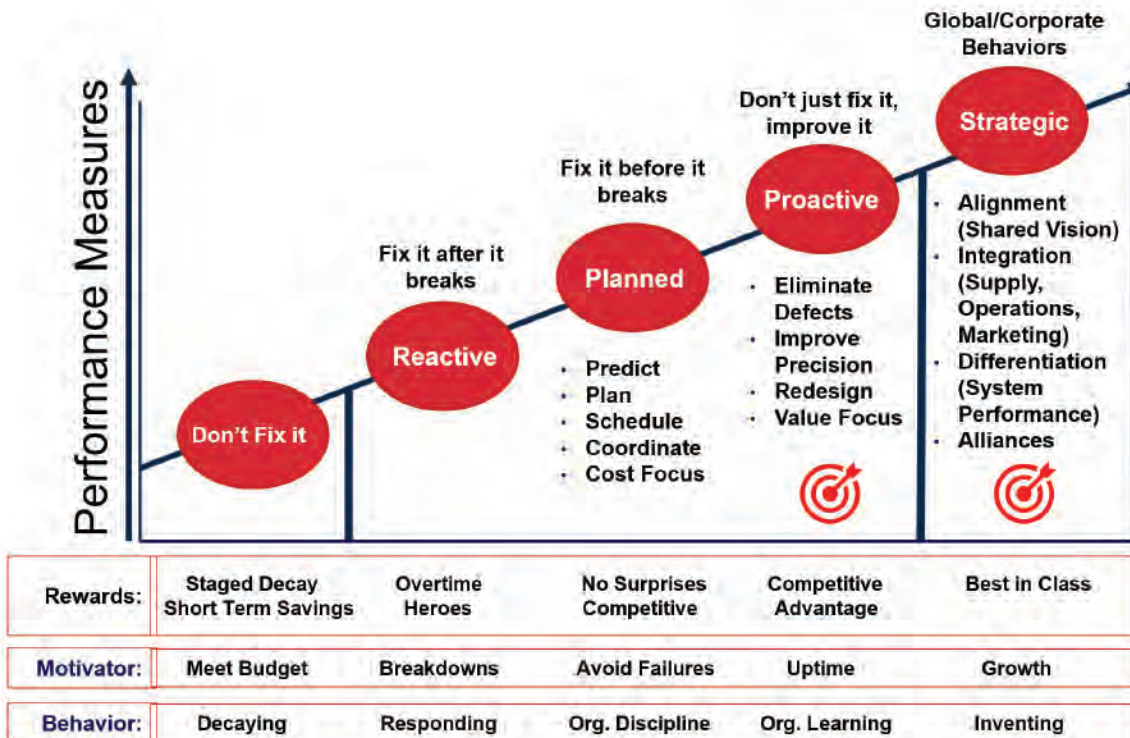
TME® EAM is designed to monitor, manage and control fixed Assets, allowing for meaningful planning and optimal performance.

By tracking assets with TME® EAM personnel will dramatically reduce the time spent looking for lost or misplaced items, cut down on unnecessary costs and make better-informed business decisions.



# Predictive Maintenance

Move from a reactive to a proactive approach to maintenance management with TME®



## Schedule PM's

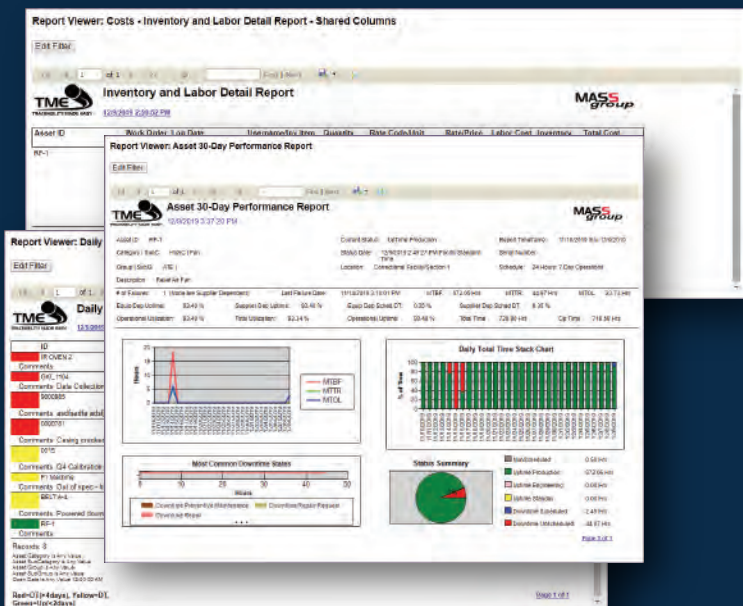
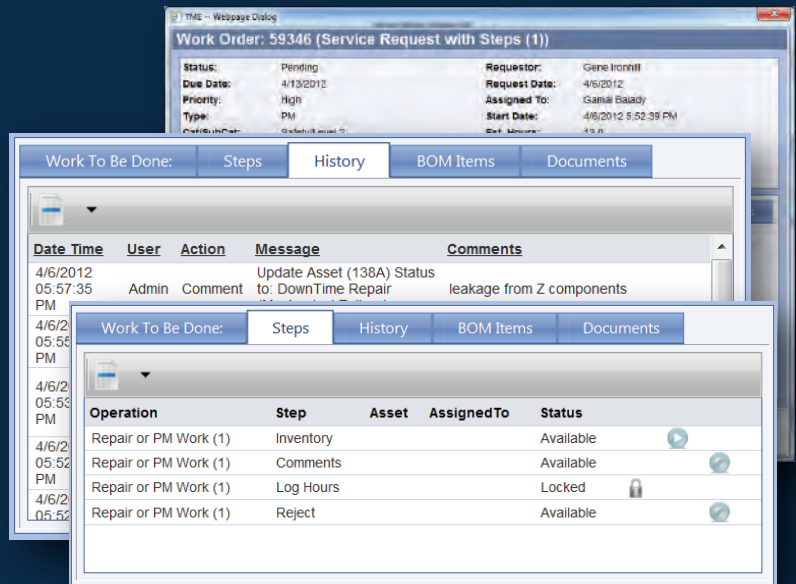
Define and maintain a consistent, preventive maintenance schedule. Equipment is simply entered into the system at setup and then regular maintenance intervals are scheduled for easy on-screen monitoring.

## PM Features

- Maintain detailed maintenance record on each asset
- Develop and schedule PMs, reminders, and past due notifications
- Define overhaul schedule
- Track all scheduled activities
- Maintain equipment calibration schedule & records

# Work Orders

- Track work orders in real-time
- Generate repair and service request from dashboard or viewer
- Embed documentation; PM/repair procedures, schematics, videos ladder logic, diagrams, etc.
- Change asset status
- Log comments
- View Bill of Materials (BOM)
- Consume inventory
- Record labor hours
- Email/text notifications



# Reporting

- 300+ standard reports
- Customizable reports
- Extensive filtering capabilities
- Quickly pull, organize, and format any type of data
- Report scheduler
- Assign reports to personnel
- Email to who and when
- No scripts or programming needed
- Customizable reports
- Output reports in multiple formats: .xls, .pdf, .html, etc.



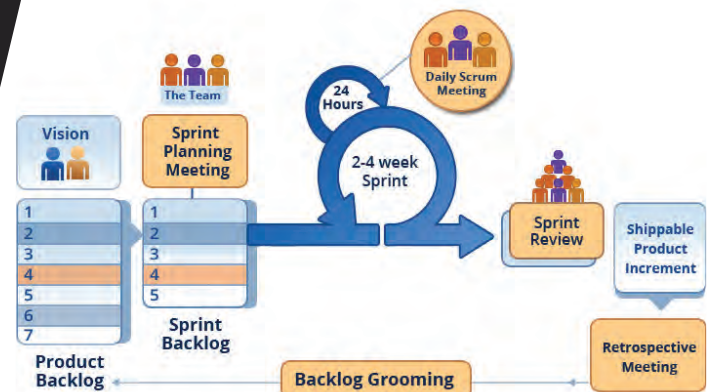
# Implementation

MASS Group's unique tactic provides superior value with a hands-on approach to guide clients to self-sufficiency quickly and thoroughly without excessive cost and time.

Gain targeted training that is tailored to your specific needs and business processes. Utilize an efficient Agile methodology to ensure your team is highly engaged during the implementation process.

## ***Fast, Easy, and Effective***

- Comprehensive training methodology
- Quality process flow control
- Simple flows to start, progressively add more complexity until completion
- All configuration is in the UI
- No programming
- No scripting



## Improvements

Motivating factors - save money, accurate data collection, healthy stock levels, improved equipment performance

## Impact Analysis

Sustained high performance - personnel, equipment, processes, bottom line, ROI

## Verification

Reporting and scrutinization, what's going well and what needs improvement; data substantiation



## Planning

Dedicated champion(s) and local facilitators, data import, technology stack, objectives, personnel buy-in

## Execution

System configuration, operation and process flow set up/testing, key personnel training, pilot(s)

## Change Management

Strong personal commitment effective leadership and motivation throughout the process



# TME®: Software Solution for Peak Performance

From real-time asset location tracking to computerized maintenance management, TME® delivers an all-encompassing 100% cloud-based software solution to manage, track, and communicate all the activities of an operation.

## ***Range of Services & Solutions***

- Preventive Maintenance (PM) and Calibration Scheduling & Tracking
- Manage Supply Levels, Consumption, and Reorder Parts Lists
- Track Supply Costs associated with Equipment
- Barcode, Scan and Track Inventory (Label, DPM, RFID)
- Check-In / Check-Out of Inventory and Assets
- Asset Reliability, Availability, Maintenance (RAM)
- Warehouse Management/Cycle Counting
- Cross-reference Inventory Parts to Assets
- Purchase Orders and Requisitions
- Asset Performance Management (APM)
- Work Order Management
- Statistical Process Control (SPC)
- Overall Equipment Effectiveness (OEE)
- Return Material Authorization (RMA)
- Spare Parts Inventory
- Complete Product Genealogy & Traceability
- Serialization, Lot IDs, Batch Codes
- Workflow Management
- Database of Suppliers
- Bill of Materials (BOM)
- Scrap Management and Disposal Management
- Shipping/Bill of Lading
- Comprehensive Shipping and Receiving
- KPI & Dynamic Reporting



# MASS Group, Inc.

## *Corporate Capabilities*

MASS Group, Inc., designs and develops commercial off-the-shelf (COTS) Enterprise Asset Management (EAM) software to manage and collect data on inventory, assets, equipment, production, and processes. We configure and adapt our application for each unique customer requirements ranging from managing airport assets and health to tracking inventory of PPE and medical equipment. With a proven 25-year history, MASS Group delivers solutions on-budget, on-spec, and on-time.

The core of MASS Group technology is Traceability Made Easy® (TME®) software suite, a robust set of configurable data collection, data processing and data reporting programs. TME® leverages technologies such as RFID, bar code, and bluetooth for data collection and process execution. MASS Group software is cost-effective, easy to implement, and simple to use without any coding or scripting. Our software is installed on-site or as a Cloud solution. MASS Group, Inc. provides full implementation, training and commissioning with time efficient methodology enabling our client to realize project ROI.

- Increasing efficiencies
- Decreasing costs
- Reducing labor
- Complying with government mandates
- Providing robust reporting capabilities
- Reducing and controlling inventory levels
- Increasing utilization of assets
- Accessing real-time data
- Compiling genealogy & traceability data
- Integrating with existing systems

