

# MATERIALS TRACKING

Track'em Materials provides project-wide visibility of materials and parts and digitises critical material handling processes. Designed specifically for large construction, mining, oil and gas projects, Track'em Materials increases productivity and decreases project delays.

## WHY TRACK'EM

- Used to track millions of items across some of the largest resource projects in the world.
- Made specifically for asset owners, EPCs and contractors.
- A system that handles tens of thousands of line items with ease.
- Quick setup and easy to use.
- Get access to our industry experts that have worked on materials tracking across the globe.
- Configurable to meet specific project processes.
- Enhance progress reporting by integrating BIM/3D-models with real-time status updates.



## TRACK MATERIALS ACROSS THE ENTIRE SUPPLY CHAIN

In today's global economy, tracking materials during large construction projects is no easy task. Suppliers from all over the world fabricate and deliver essential components that need to arrive at the construction sites on time to match the tight schedules. This means you need to track and coordinate your materials every step of the way; from fabrication to installation, to maintenance. The Track'em Materials platform provides this visibility, making construction planning easier and faster while interruptions caused by unavailable materials are flagged pro-actively.

## CAPTURE REAL-TIME DATA AND DRIVE CONTINUOUS PROCESS IMPROVEMENT

Capital intensive projects require a reliable materials system that takes control of millions of line items across multiple projects, sites and locations. Track'em provides white and blue-collar workers with a powerful solution to do their jobs effectively by equipping them with the tools to manage materials whilst providing access to accurate data. Track'em logs every transaction and actively provides you with analytics that enables you to identify inefficiencies and areas for process improvement.

## NEVER AGAIN WASTE TIME SEARCHING FOR MATERIALS

Not being able to locate materials is one of the most common causes of delays in complex construction or maintenance jobs. The root cause of this problem is not having access to accurate, detailed and timely data. Track'em digitises materials management processes such as stock takes, delivery schedules, QA/QC, receipting and requisitioning, transfer requests. etc. It tracks inventory levels and shipments at any stage in the supply chain and will help you locate your materials and parts wherever they are.

## IMPROVE COMPLIANCE

Track'em logs every interaction so you have a full history and audit trail of all touchpoints and individuals involved. Moreover, no matter how often you group or split items Track'em ensures you can always trace every part back to its origin.



Fabricator

Assembly

Logistics

Warehouse

Laydown  
yard 1Laydown  
yard 2Installation  
& Servicing

## TRACKING TECHNOLOGY AGNOSTIC

Track'em connects with any tracking technology used to identify items (GPS, barcodes, RFID, Bluetooth, etc). We can provide and set up the tracking hardware most suited to your requirements, or integrate with your existing solution. We'll be sure to advise you on best practices, benefits, limitations and will guide you around the many misconceptions that exist in this space.

## CLOUD-BASED SOLUTION THAT ALSO WORKS OFFLINE

Real-time access to accurate data is vital for both white and blue-collar workers involved with material handling. The Track'em app turns mobile devices into active scanners that can be used to identify, transfer and update materials instantly. Track'em is cloud-based, providing employees and office workers access to all material information on any device, anywhere. We even take it one step further and enable you to access and use the system in areas with limited connectivity.

## IMPROVE PRODUCTIVITY AND REDUCE WASTAGE

By using the materials tracking platform from Track'em, you'll increase productivity and tool time by digitising admin processes and paper trails. Save big by minimising surpluses, lost materials and cut back on scrapped items at the end of your projects. Re-order on time and improve schedule and work order management by knowing stock levels, usage rates, fabrication and delivery times and arrival dates.

**TRACK'EM PUTS 'CONTROL' BACK INTO MATERIALS CONTROL**

*Kevin Donaghy, UGL*

## FEATURES

### INVENTORY & MATERIALS MANAGEMENT

- Have continuous insight into the status, location and custodian of all your parts.
- Stay on top of inventory levels.
- Have access to the latest delivery schedules.
- Create Over, Short and Damage (OSD) reports.
- Group materials and track them together while maintaining a record of each component's history.
- Split parts into separate items, while maintaining a record of origin.
- Generate min/max reports.
- Clearly distinguish between (bulk) fabrication and materials items.
- Manage free issue (FIM) and procured materials.
- Manage rules of credit.

### ACCESSIBILITY

- Manage multiple projects, sites, schedules, gates and locations.
- Quickly give all stakeholders permission-based access.
- Cloud-based software, accessible anywhere.
- Remote syncing allows you to work offline in remote areas.

### USABILITY

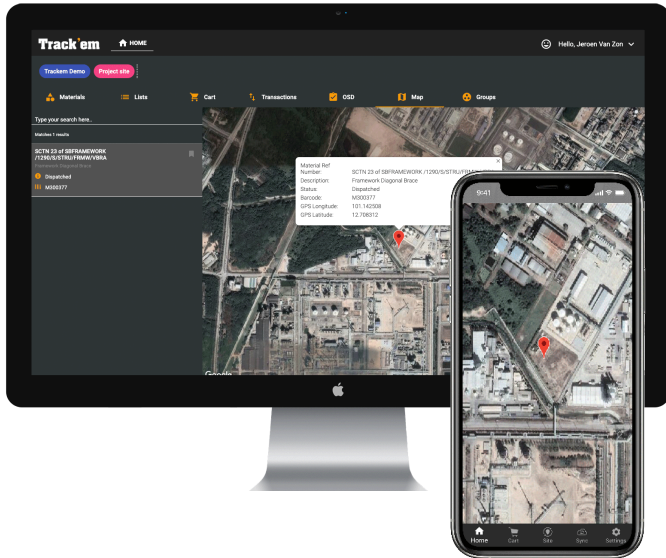
- Mobile and web app availability.
- Intuitive interfaces and process control designed by industry experts.
- Use the mobile app to scan barcodes find and update, lodge forms and add pictures.
- Update multiple quickly items in one go.
- Optimally plan part searches ahead of time.

### LOCATION TRACKING AT ANY STAGE IN THE SUPPLY CHAIN

- Fabrication tracking.
- Shipment tracking.
- Stage tracking.
- Gate tracking.
- Warehouse and laydown yard management.

### MAPPING TECHNOLOGY

- Locate items on a map. Accurate enough to manage laydown yard placements and on-site movements.
- Geofence areas and automatically update item information when boundaries are crossed.
- Heatmap areas to identify high traffic areas.
- Add map overlays.



### MAINTENANCE AND INSPECTION SCHEDULES

- Be on top of maintenance schedules and inspections.
- Stay up-to-date on the status and condition of all your modules, parts, and materials.
- Perform inspections in the field and have access to all relevant component information and documentation.
- Attach photos using the app.
- Schedule alerts and reminders for maintenance activities.

### DIGITISE PROCESSES AND DOCUMENTATION

- Digitise transfer requests and dockets.
- Digitise inspection documents.
- Digital receipting and withdrawals.
- Maintain and lodge (pre-start) checklists.
- Have continuous access to manuals, safety and instruction documents.
- Attach photographs using the app.
- Prepopulate PDFs for printing OSD documents or transfer requests.

### AUDIT TRAIL

- Have a full history of all interactions with items.
- Have a full history of all movements splits and groups of your parts and materials.

### MONITOR PROGRESS AND STAY ON TOP OF DEVIATIONS

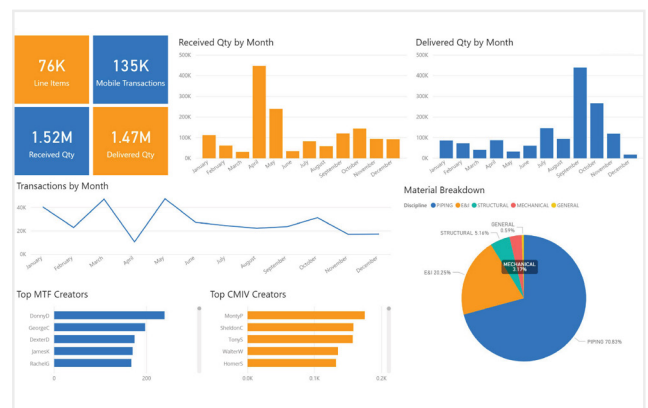
- Monitor usage and construction progress.
- Better manage your (work order) schedules by knowing availability.
- No longer assign unavailable materials to test packs or installation work orders.
- Provide project controls and subcontractors with tools that deliver an accurate picture of when materials will be available for construction.
- Report material status by user-defined groups (work pack or work order), gates or stages.

### TRIGGER-BASED NOTIFICATIONS

- Automated notifications on deviations, upcoming inspections or other user-defined events.
- Be notified when inspections or maintenance reports are due.
- Automated notifications on when re-order thresholds are reached.
- Define custom event triggers.

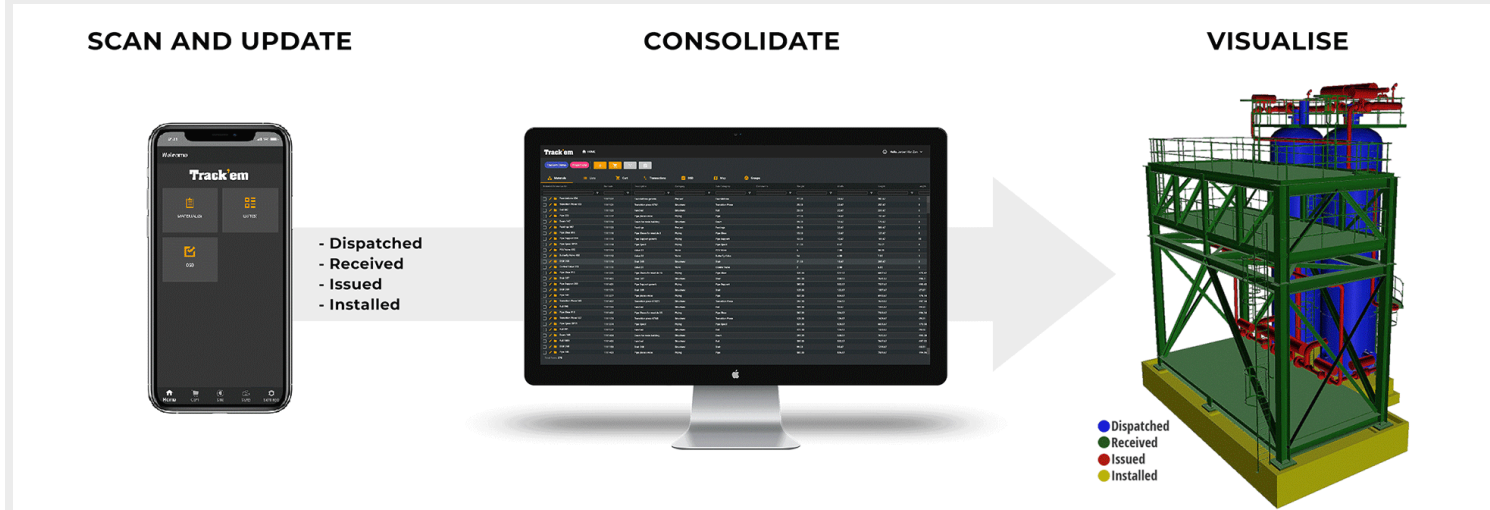
### REPORTING

- Visualise, report and share data with stakeholders.
- Generate over, short and damage reports (OSD).
- Accurate real-time insight into materials movement and usage.
- Create and automate periodic reports.



## BIM INTEGRATION

- Enrich your BIM models with a digital twin of construction progress and component status based on information from the field.
- Give engineers real-time visibility on progress without having to be physically present on-site.



## TECHNOLOGY AND INTEGRATIONS

- Track and identify items using any technology (barcodes, GPS, RFID, Bluetooth, etc).
- Use the Track'em app to scan barcodes and identify or update the information of any item.
- Secure Microsoft Azure cloud-based solution, that works on any device.
- Track'em iOS and Android apps for access in the field.
- Supports remote locations with limited or zero connectivity.
- Integration with project BIM models to visualise construction status and identify issues.
- ERP integration.
- Customisable data fields, dashboards and reports to accommodate project-specific requirements.

## ABOUT TRACK'EM

Track'em is the leading provider of cloud-based tracking software in the resources and construction industries. By tracking assets, materials and time, Track'em provides control and drives efficiency during construction and maintenance.

Headquartered in Perth, Australia, Track'em has tracked over 10 million items in engineering and construction projects across some of the world's largest mining, and oil and gas projects, helping assets owners, engineering companies and contractors deliver projects on time and budget.

Our software portfolio consists of:

- Materials tracking
- Asset tracking (plant and equipment)
- Stores, tools and bulk consumables management
- Time tracking and timesheeting solution

For more information, visit [trackem.com.au](https://trackem.com.au).