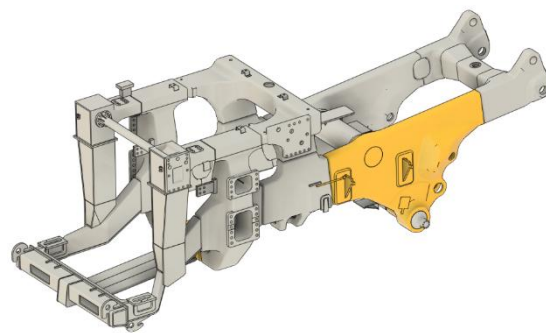
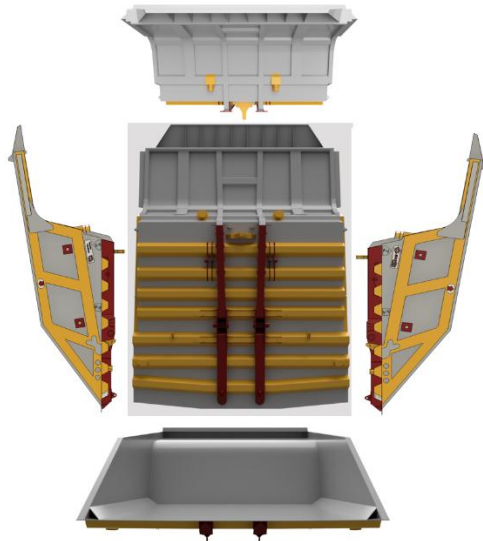
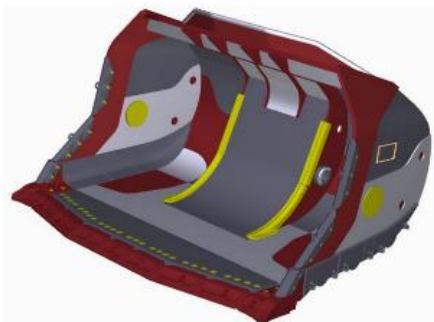


GET & Wear Surfaces inspections and Tracking

Ground Engaging Tools (GET) and wear surfaces are among the fastest-consuming components in mining operations and play a critical role in production performance, equipment reliability, and maintenance cost.

TrackTreads provides a purpose-built inspection and tracking solution for managing wear material



TrackTreads provides a purpose-built inspection and tracking solution for managing wear material

- Ground Engaging Tools (GET)
- Pivot point pins and bushes
- Wear plates and wear surfaces
- Bucket structures
- Dump trays and bodies
- Dozer blades
- Chassis structures
- Structural cracks and fatigue points



TrackTreads

Field Data collection

A Mobile app in both IOS and Android, capable of operating remotely collects field inspection data



- **Physical observations**
- **Measurement** of wear plate thickness and tooth length & other measurements
- **Measuring Pin and Bush** interference wear

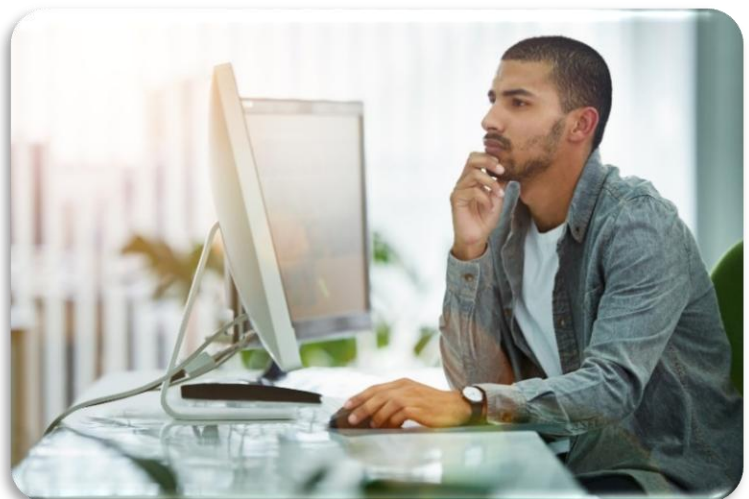
- **Ultrasonic thickness** measurements of wear plates thickness and asset wall thickness
- **Images** for later reference
- **Comments** to support observations
- **Flags** to highlight irregularities to supervisors for immediate attention
- **Replacements** of GET parts
- **Cracks** Identified and measured with severity level and status allocated
- **Existing cracks** can be remeasured to extend length.
- **Sync data** directly through mobile **network** or **WIFI**



Data analysis and actioning

All inspection data is synced back to the web portal for further analysis. Here reliability engineers can review the data, compare with historical trends and issue a PDF inspection report with a list of tasks required to be scheduled and completed

- Analyse **wear trends**
- Monitor **component condition**
- **Manage crack history, status and repairs**
- **Forecast repairs and replacements**
- **generate inspection reports**
- **Identify fleet-wide patterns and bad actors**





Rebuild asset at end of life recording all costs, Hours and other costs. Record components replaced. Re-commence new cycle.

- **Full owning and operating cost** audit trail across each cycle.
- Record **tonnes, BCM's and hours** on asset to enable cost per hour, cost per BCM, Cost per Tonne
- **Move assets to inventory** from equipment to complete repairs or rebuilds, then place asset on different equipment. All locations

are tracked for each asset.

- **Review all inspections** for an asset in **tabular** format including Repairs and replacement of components
- Print off **PDF report** to provide to customer and management reporting

Crack management

A complete **register of all cracks** for the asset with a full history showing each crack, propagation rates and when fixed.

- **Review crack inspection** data, measured length, % worn, maximum allowable length, images, residual life, crack **propagation rate**
- Complete **crack repair** by welding, recording costs and labour hours
- Full **audit trail** of crack history.



Dashboards



Dashboards provide a **complete overview of fleet condition** along with **forecasted action dates**. Detailed data for each asset can be viewed by drilling to the detail on separate screens.

- View all assets in inventory or on Equipment
- View historical locations of assets
- View a crack summary with statistics across all equipment- and drill to the detail of each equipment. View total number of cracks, which components most affected, and total crack length

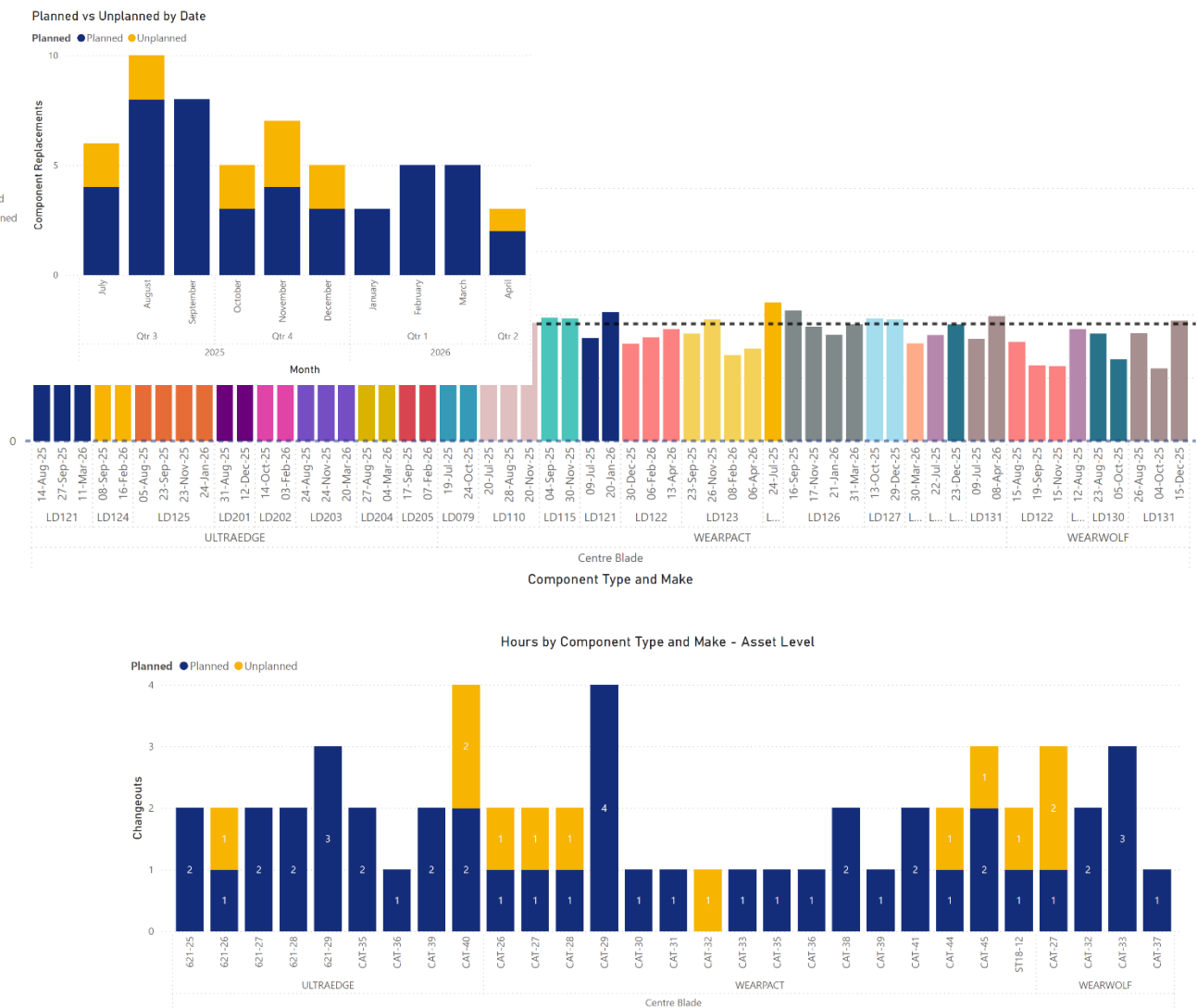
API and Other features

- **Standard API's** allow the extraction of any data to populate EMS systems



Power BI Fleet Reporting

Power BI reports provide fleet wide GET performance analysis by comparing component life across brands against machine hours and tonnes moved. This enables Reliability Engineers to benchmark performance, identify the best-performing products, and optimise component selection based on real operational data



By managing buckets, GET, undercarriage, and crack data within a single platform, TrackTreads creates a consistent, measurement-driven framework across all high-wear interfaces between machine and ground.

The Result:

- Fleet wide view of all assets condition
- Reduced unplanned failures
- Improved maintenance planning accuracy and rebuild forecasting
- Extended component life (where safe)
- Predictable budgets
- Tracking of cost per ton and cost per hour