



# Case Study Venture



## Client Background

Venture is an 'art to part' engineering, tooling and plastic supplier. They have a global footprint in the developing world with plants in South Africa, India, China and Australia. Venture Rosslyn supplies services like injection moulding (Thermo, 2K, Gas Assisted) ranging from 25 - 4000 ton, tooling manufacture and painting (solvent and water-based, manual and robotic). They serve clients through 'just in time' delivery of integrated plastic systems. Their aim is excellence and is encapsulated in their slogan: "Having fun being the best."

” *On Key has greatly improved capturing and all-round understanding of asset care management throughout the company on all levels.*

*Client Quote*

## Key Challenges

Venture experienced difficulties with maintenance planning and required increased preventive maintenance to reduce breakdown/reactive maintenance. The following challenges needed to be addressed:

- Unplanned maintenance activities.
- Planned work not prioritised.
- Outdated asset register.



## Pragma Intervention

### Information Management Business Process (BP)

- Assembled all work orders in On Key for effective planning.
- On Key user training – work order creation.
- Added additional users in On Key.

### Asset Care Plan Development BP

- Performed an Asset Criticality Assessment to prioritise asset care plans and work orders:
  - Defined a criticality matrix.
  - Rated criticality per asset.
  - Updated criticality in On Key.
- Reviewed the asset tree for easier use:
  - Revised the hierarchy.
  - Updated coding and description.
  - Added/removed new and obsolete assets.
- Long Term Asset Care Plan:
  - Reviewed future workload and aligned with production plan.
  - Developed work plan four months in advance, grouped by section and interval.
  - Included long-term data into monthly report.
- Molding Tool 30000 Shot Maintenance:
  - Updated asset register with all molding tools.

- Monthly update shot readings in On Key.
- Created work orders two months ahead.
- Molding tool overview showing due and overdue tools – monthly updating and reporting.
- Asset Care Plan updates:
  - Duration estimate linked to each task.
  - Task detail configured as sub-tasks.
  - Task detail updated for some asset types.
  - Interval groups and dates aligned.
- Asset care plan review:
  - Year planners structuring process.
  - Weekly tracking of progress.
- Work Planning and Control.
  - Weekly planning of maintenance work two to four weeks ahead.
  - Allocate artisan and estimate duration to each work order.
  - Real time update of WO status when work is completed (to compensate for WO capturing delay).
  - Weekly planning meeting with production areas for alignment.

## Performance Measurement

- Weekly hardcopy update of four maintenance KPI charts.
- Schedule attainment (last eight weeks).
- Breakdown hours worked (eight weeks).
- Backlog.
- Planning per artisan (two weeks ahead).
- Charts available in On Key.

## Performance Improvement

The change in strategy and focused improvement initiatives within business areas such as:

- On Key Administration.
- Improved data velocity.
- Reliable data.
- Achieved:
  - Up to date system.
  - Control of maintenance activities.
  - On time accurate reporting.
- Venture now runs a proactive operation, planning work ahead of time, monitoring and reviewing work and asset care plans.