

Client Reference

Manufacturing | Automotive

Implementing On Key to Improve Work Planning and Control in Assembly



Background

Our client is a leading automotive manufacturer in South Africa. The client embarked on a journey to implement an asset management system based on the Pragma Way.

An integral part of Asset Management is Asset Care, and Pragma's Work Planning and Control process has become ingrained in our client's systems and processes.

The Assembly shop's target level of maturity in Work Planning and Control required that work scheduling and daily allocation be performed via the EAMS. It was a specific requirement that non-production work be scheduled and allocated using the EAMS in order to manage cost in terms of overtime and ensure work completion due to limited capacity and time. Thereafter during production work would be managed similarly.

Key Challenges

- The SAP®-On Key interface was challenging development work, but was nonetheless successfully developed and implemented
- Users had to be trained and the system rolled out
- Scheduling and Daily allocation was previously done manually in spreadsheets and printed sheets.
- Making scheduling and resource loading information visual
- Non-production and during production work scheduled and allocated differently
- Significant change in roles and processes

Client Quote

It's a cost saver, because it allowed us to become completely paperless and is a great time saver, because it allows us to schedule and allocate work in bulk. It's a good tool to manage staff utilisation and as a result reduce overtime.

Wayne Hillier

TSS Assembly Team Manager

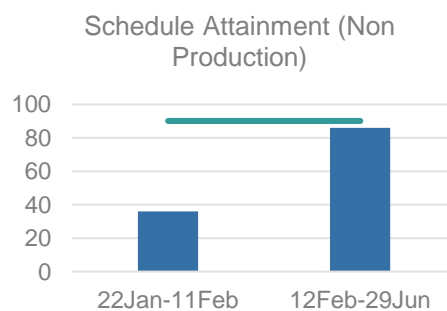
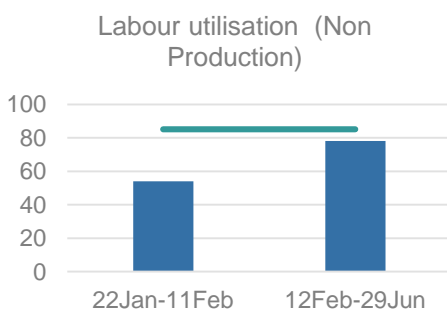


Value Add

- 48% increase in schedule attainment during production to 93% on average
- 50% increase in schedule attainment during non production to 86% on average
- 5% increase in labour utilisation to 23% on average during production
- 24% increase in labour utilisation to 78% on average during non production

Pragma Intervention

- The annual AMIP assessment was done and as part of the recommendations the client had to start their Scheduling and Daily Allocation activities in On Key
- Pragma developed an interface between the On Key and SAP® in order to enable the scheduling and daily allocation activities in On Key
- On Key master data and configurations were set up and customised to provide the users with a more user friendly experience tailored to their requirements
- Using On Key's superior scheduling and daily allocation functionality whilst allowing the client to retain asset history and costing in their centralised SAP® system
- Rolled out scheduling and daily allocation in On Key to both production and non-production periods
- Users were trained in Planning and Scheduling best practice and also in using On Key to effectively schedule and allocate work
- Pragma support was made available to users at all hours



Tools and Technology

- AMIP
- On Key
- SAP®
- AC Pack
- Client resources
- Training material