

# Case Study

## Grupo Antolin



### Client Background

Grupo Antolin is one of the largest Spanish manufacturers of vehicle interior components and number one worldwide supplier of headliners. They offer products such as: overheads and soft trim; doors and hard trim; seats and metal; lighting and cockpits and consoles.

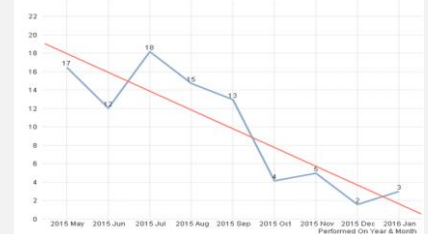
Their long industrial tradition of broad technologies portfolio has positioned them as a major role player in the automotive sector. They dominate the complete component cycle from conception and design, through development and validation to parts industrialisation and sequenced delivery.

### Key Challenges

- Grupo Antolin experienced a significant problem with the Water Jet asset in the plant.
- The resulted in loss of production and an increase in damaged parts.
- Water Jet breakdown hours was 57% of the total breakdown hours per month on average.



Breakdown Hours Trend



***“With the aid of On Key and the Focused Improvement business process, it assisted us in decreasing the downtime at the headliners section.”***

*Maintenance Manager*

### Pragma Intervention

- Weekly analysis of information using On Key and On Key analytics.
- Weekly focused improvement meetings were held between maintenance and production to ensure root causes are correct and that a long term sustainable solution is created.
- Continuous monitoring and reporting of the problem to ensure the results are sustained.

### Value Add

- Breakdown hours reduced by 83% over a year period.
- Reduction of damages led to an increase in production by approximately 9000 extra parts over a period of 1 year.
- Quality of spare parts were evaluated and upgraded where necessary.
- Critical problematic parts were replaced with newer and better ones.
- Asset care plans were revised to ensure sustainable preventive maintenance.

### Tools and Technology

- On Key EAMS
- On Key analytics
- Work Planning and Control business process
- Focused Improvement business process:
  - DMAIC
  - Fishbone Diagrams
  - Cause and Effect diagrams
  - Root Cause Analysis.