



**Beaulieu
International
Group**

Beaulieu International Group (BIG) is headquartered in Belgium and is a global specialist producing raw materials, semi-finished and finished products. It has three distinct business units, polymers, engineered products and flooring solutions. With 47 plants and sales offices and a presence in 17 countries, the Group employs almost 5,000 people including 150 R&D engineers and designers.

HIGHLIGHTS

- Polymer plant gains 360-degree visibility and oversight of its maintenance operations.
- Ready4 Advanced Scheduling with Movilizer plugin integrates seamlessly with SAP Plant Maintenance module to provide end-to-end planning and scheduling.
- Mobile app makes it easy for field technicians to capture work order data digitally wherever their location.

DIGITAL SCHEDULING AND PLANNING OPTIMISE END-TO-END MAINTENANCE OPERATIONS

CHALLENGE

The Group is currently undertaking the implementation cycle of a global SAP rollout. With its manufacturing plants responsible for producing the latest technological innovations across its range of products, maintenance and service operations are a huge part of the process.

Until now, maintenance had been run in different ways across BIG's global plants, creating a disparate landscape of Excel, Access and other independently selected maintenance apps. The decision was made to deploy the SAP Plant Maintenance module to support all its plants, seamlessly integrated within the new global SAP ERP.

At the same time, the overall maintenance solution would need to provide best practice and advanced performance capabilities, but with a user-friendly experience and be mobile and flexible enough to operate from the field.

The Group gathered together all its global maintenance processes and requirements from a business perspective, to develop a global maintenance blueprint. Although it has its own centre

of excellence for SAP, with 25 SAP internal experts, there was a gap in maintenance competency. This led to a tender process for an SAP integrator that could provide a powerful yet simple mobile solution add-on to SAP Plant Maintenance.

"We wanted to give our end users a simplified mobile digital tool that they could use in the field," says Wouter Neiryck, Application Manager, Beaulieu International Group.

Pinnacle Polymers in Louisiana USA was at the point of implementation. Producing in excess of one billion pounds of polypropylene per year, its highly efficient operations came from the perfecting of lean manufacturing, and as such had a crucial need for its maintenance process to continue running 24/7.

"With Movilizer, we can select the screens that we want the technicians to see and rapidly allocate their work processes."

Wouter Neiryck, Application Manager, Beaulieu International Group.

SOLUTION

SOA People was selected for its professionalism, expertise and ability to complement the Group's own internal SAP competency. SOA People's off-the-shelf Ready4 Advanced Scheduling integrates seamlessly with SAP and was the right fit for the Group's maintenance requirements that would augment the spec of the SAP Plant Maintenance module. Together with Movilizer, the mobility plugin designed specifically with field operations in mind, the solution would enable the Group to deliver an end-to-end maintenance and service scheduling and execution solution.

Ready4 Advanced Scheduling has been successfully delivered and is running live at Pinnacle Polymers, with two operations planners working with it in the electrical and mechanical divisions of maintenance. With its Master Data, Ready4 Advanced Scheduling provides complete visibility and control enabling the planners to manage all work orders, human resource allocations, tooling and equipment, as well as being able to adhere to increasingly complex global regulations in their procedures within the chemical polymers sector.

"The operations planners can manage and schedule which work orders need to be executed and in which order. They can plan the technicians and spare parts required,

BENEFITS

- Operations planners at Pinnacle Polymers have gained 360-degree visibility of work orders and resourcing, and are able to anticipate, plan and manage all maintenance and service operations.
- Planners can manage tasks within each work order in a much more controlled and automated way and have oversight of the end-to-end process.
- Field technicians have an easy-to-use mobile app that helps them do their job more efficiently and swiftly, with automated functions requiring less individual or specialist knowledge.
- Workflows are automated so equipment, tools and human resources can be instantly tracked and monitored in real-time, providing key insight for planners and managers.



record consumption and usage of parts and all the technical information related to that work order. If an urgent request comes in, it can be allocated as a priority with less urgent work orders automatically re-assigned," explains Wouter.

The Movilizer cloud solution meets the mobile needs for field operations with its centralised workflow platform. With an easy-to-use app on their mobile device, the field technicians can easily input and collate data digitally about maintenance inspections, checks and repairs, regardless of whether they are in a wifi zone, ensuring that no data is missed or out of date.

Wouter adds, *"With Movilizer, we can select the screens that we want the technicians to see and rapidly allocate their work processes. It is easily visualised with their device app and managed as an end-to-end centralised process with the planners in the maintenance departments, who get 100% visibility and real-time insight back from the field – it really works."*

With one successful implementation already achieved, the Group has plans to schedule the templated solution rollout at an additional site next year (unfortunately Covid-19 has delayed the Group's previous imminent plans).

BIG AND SOA PEOPLE

"The lead SOA People consultant was excellent and very well trained. He knew exactly where to add value and went the extra mile to ensure we had all the right tools for our maintenance operations solution. It was a pleasure to work with both the consultant on the conceptual approach as well as the implementation team."

Wouter Neiryck, Application Manager, Beaulieu International Group.



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