

Case Study: Tracking of Key Metrics in Plant Maintenance

Business Requirements | Challenge

A food manufacturer customer wanted to have a tracking mechanism to take proactive action on any maintenance needs in the various manufacturing plants. When they embarked on the S/4HANA journey they decided to implement the Plant Maintenance module. In the standard FIORI application, there was limited functionality for the different types of analytics the business wanted to see.

Types of KPIs captured::

- Maintenance notifications
- Equipment criticality
- Tracking maintenance work orders
- Other metrics
- The overall scope included the creation of 9 dashboards each with a different set of KPIs.

Solution

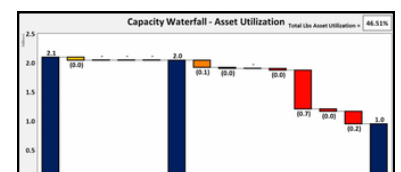
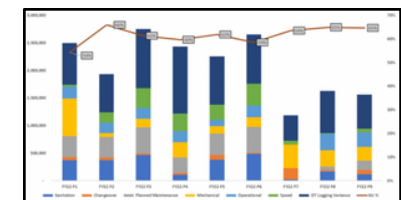
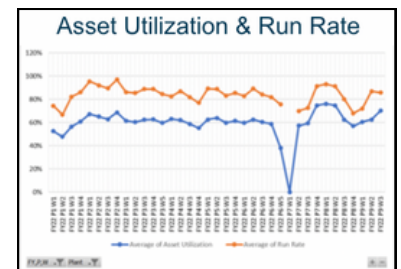
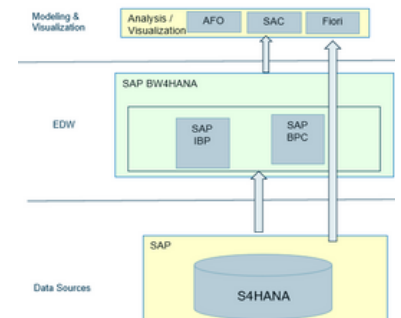
To provide a robust analytical solution we utilized SAP's BW/4HANA and SAP Analytics Cloud (SAC) to achieve the desired business outcome. The timeline for the project from inception to completion took 5 months and 4 resources.

Results

The new solution provided a systematic way of tracking all plant maintenance-relevant Key Performance Indicators. Depending on the business user requirements, each dashboard was built to convey the summarized information with an ability to drill down into the details. This in turn led to proactive maintenance and the availability of critical data in the hands of the decision makers.

Benefits

The new solution removed the manual intervention and improved the tracking of key metrics in a timely manner. This resulted in better visibility and a more proactive approach of doing the Plant Maintenance across the organization.



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