Improve planning and operational efficiency by closely tracking the machine inventory and production metrics

Case Study

Business Objective

- The system for tracking and reporting the production and distribution activity against different parameters is manual & time-consuming.
- The information comes from different source systems involving manual processes, the results are delayed with redundant insights.
- As the capital and demand implications associated with machine manufacturing operations are immense, it is critical to provide real-time insights to the stakeholders.

Client

- The client is a leading global provider of innovative packaging materials and other packaging systems. They are into designing, developing, and delivering packaging solutions for various consumer and industrial market segments.

Industry

- Manufacturing

Function

- Manufacturing

Technology

- S/4HANA

The Solution

- The solution enables the business to delineate between a "Machine" (for Packaging) material and "Accessory" materials (related to machines)
- The TekLink Team designed a custom table as part of the solution with a new business process that helps update when new materials are created in the system.
- The TekLink Team implemented the solution with HANA Views, SDI Replications, and SAC Dashboards for multiple requirements that includes Production and Inventory KPIs
- Different HANA Models were developed as Calculation Views for: Inventory Trend, Material Movements, Production Costs, AOP Forecasts, and many other factors.

Outcomes and Benefits

- The solution helped improve the performance of the reports by 100%
- The solution results in a considerable reduction in manual efforts and improved accuracy in reporting.
- An integrated view of System Capital Dashboards including Production and Inventory KPIs of Machines and Accessories.
- The Demand and Production Plan variance reporting allows the business to compare annual and monthly forecasts with the actuals.
- The solution also enables self-service reporting and analysis.