

Case Study

Global Electronic Component

Manufacturer



The Company

A multi-national leading electronics components manufacturer with HQ in Silicon was looking to improve alignment of capacity and materials from wafer manufacturing and component assembly through Distribution in order to provide increased visibility and cost reduction in their complex supply chain having 500 locations around the globe. Meeting the Financial plan by aligning the S&OP plan, Master Production Plan and material purchase plan is critical in this complex environment. They needed a way to plan their supply chain and proactively look for risks to customer service,

The Challenge

Although the client had a best-of-breed systems approach centered around Oracle ERP in place, there was no effective system in place to optimize supply chain plans and align the company top to bottom. The business also needed a better way to deal with supply chain risk by proactively identifying bottleneck resources, material shortages, and orders deviating from Forecasted demand. Needed a process to manage component

purchase plans, plant production, and customer delivery cohesively to ensure that each area did not sub-optimize based on local incentives while sacrificing overall company objectives.

Adexa Solution Overview

- S&OP and S&OE
- Master Data Management

Supply Chain Planning for Weekly processes. Weekly plans to determine how to allocate and configure capacity to match demand for product families while ensuring the component purchase plan can support that plan.

- End-to-End Visibility
- The company was enabled to capture 50% more demand upside
- Optimal use of all existing components and FG inventory
- Pinpoint all root causes impacting delivery performance
- Lower EOL Exposure
- Greater Analytical Power
- Achieve the Perfect Order
- Achieve High On-Time Delivery
- Closer View of Market fluctuations with Quicker response