



Manufacturing company gets custom Power BI dashboards to make better decisions on task and resource allocation

Business Description

Our client is a leading consumer electronics manufacturer of power amplifiers, loudspeakers, signal processing, digital signal transport, and computer control systems used by professional installed, portable, production, corporate, and cinema customers worldwide

Challenge

- ◆ Client needed a robust BI solution to support and manage projects and resource effectiveness.
- ◆ They needed a system in place to manage the growing complexity of device production and testing project based in multiple locations and with several skilled resources working on each of them.
- ◆ They looked forward to a scalable, secure dashboard that was able to provide them unified as well as granular reports on their entire resource management module and help them take quick and accurate decisions on resource allocation.

Solutions

They chose Beyond Key as their vendor to deliver a solution using next-generation Power BI technology. Our experts suggested creating the dashboards on Power BI instead of the usual SSRS reports because of the strong visualization capabilities of Power BI. It helped the company make better decisions on task and resource allocation based on availability and skillset across its multiple productions and test centers in the USA. Resource Management dashboard was aimed at providing valuable insights and granular reports to company stakeholders.

Reports



Resource Loading



Task Skill Report



Project allocation report



Project progress

Key KPIs

- ◆ No. of open projects and resources allocated
- ◆ Resources with task count
- ◆ Skills of the resources
- ◆ Project completion percentage

Benefits

- ◆ The client can get highly customizable resource management dashboards with strong visualization capabilities.
- ◆ They can make their existing resource management optimized by more than 40%
- ◆ The availability of resources is visible on the dashboard.
- ◆ Pre-planning of resource allocation is made easier with a close view on the project progress chart.
- ◆ Stakeholders can also make a better decision on the required training of the resources based on their skill sets.
- ◆ Finally, they can achieve faster go-to-market with improved accuracy of their products.

