

Streamlined Audit and Process Management for Manufacturing Firm using MS Power Apps

About Client

Our client is a large-scale manufacturing company in the United States. The organization has several departments consisting of dynamic cross-functional teams. The firm intends to automate its internal processes to boost productivity and refine audit and compliance activity.



Challenges

The client had a typical hierarchical structure prevalent in most manufacturing units. It had cross-functional teams across departments like Quality, Maintenance, Marketing, NPD, and HRD. The decision-makers faced the problem of lack of simplicity in DOA and approval structure.

Also, these additional challenges led to a decrease in productivity.

- Existence of multiple levels of authority for decision-making and approval
- Time wastage due to the presence of several approval stages between cross-functional teams
- Slow audit and compliance process due to unclear DOA and delay in communication with the relevant team members

Solution

After a detailed analysis, the utility of MS Power Apps became an apparent solution to simplify the manufacturing unit's audit, compliance, and approval process. Here are the highlights of our project



Leveraging Power Automate

Our team utilized this cloud-based service to automate workflows and eliminate data errors. CFO, Team Leaders, Trainees, and other employees could access files and messages across various departments



Utilizing MS Teams

We proposed the implementation of MS Teams along with Power Automate to improve collaboration among team members. This way, the audit and compliance activities gained momentum, leading to an improvement in the overall efficiency



Real-time Dashboards

Our developers created customized dashboards using Power BI to provide live approval status. Teams could get real-time insights into their managers' decisions at a brisk pace. This software offered seamless access to various audit-related data

Business Impact



Productivity Boost by 11 - 15%

The optimization of processes led to an increase in the organization's productivity by 11 - 15%



Ease in Assigning Delegation of Authority (DOA)

With our customized software, managers could change DOA as per convenience. Notably, this activity was transparent and visible to all the concerned employees in real time



Better Cash Flow due to Timely Compliance

The manufacturing firm noticed better cash flow as the personnel concerned complied with all the set instructions without any delays



Easy Access to Different Metrics

Power BI enabled auditors to scan metrics like OEE, TECP, and scrap rate. Real-time analytics led to a decrease in the rate of return