

FaithPLM Solutions

Simplifying complex enterprise...



Electronic Equipment manufacturer company manages New Product Development and Change Management process in Teamcenter

About Client

Our client is a leading pharmaceutical testing equipment and peristaltic pumps manufacturer which are used in several industries. It exports 50% of its production worldwide. The company has a well-trained production team supported by in-house CAD software, hardware, design engineers and well established vendors to support production target and a management that understands the importance of quality and timely delivery.

Business Challenge

New product development is always an important factor for any product development company. This process even gets complex for different customers demanding different products with different configurations. Management and execution of tasks plays a vital role across the various stages of product development lifecycle. To achieve Collaborative decision making and integrate different business functions while designing new product customer decided to map the NPD process in their existing PLM tool Teamcenter.

Customer realized that it needed a solution which will map their NPD process efficiently and effectively, which will automate activities during the process and maintain complete audit of the process. Also it was highly important for the client to integrate its Change Management process in accordance with the NPD process so as to achieve complete product planning and execution.

Some of the business challenges were

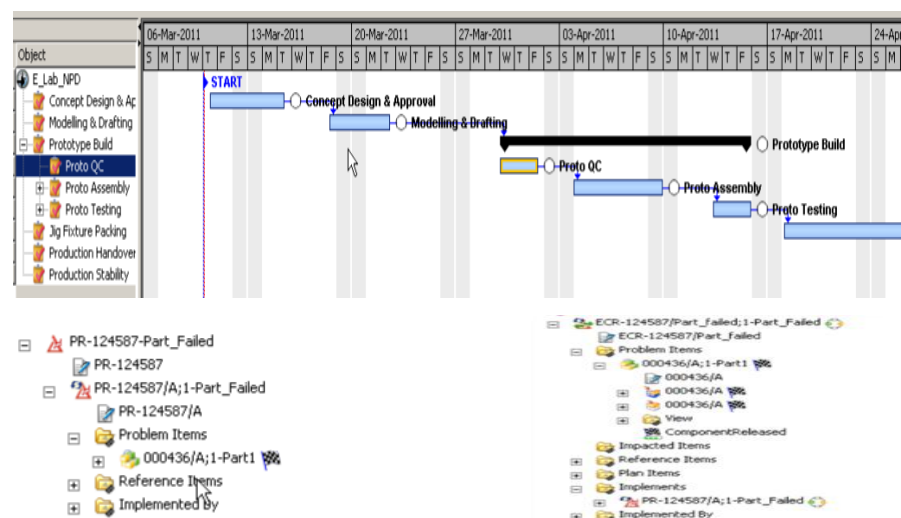
- NPD - Project Planning
- NPD - Project Costing & Resource allocation
- Collaborative decision making
- Integrated Change Management
- Document Management
- Project Audit
- Reports and Dashboards
- Right Information to Right People at Right time

Solutions

While involved in this engagement we delivered following solutions

- **Collaborative Portfolio Management**
Used existing Teamcenter Schedule Management solution to map the essential requirements of project planning and execution. Ensured Strategic and Systematic capabilities to capture and assess program and project candidates with process templates, charters, to store and track associated documentation and manage approvals with reusable workflow routings.
- **Program and Project Management**
Collaborative program and project management specifically designed to help distributed teams execute on projects. Schedules, work tasks, dependencies, milestones, baselines and constraints can all be worked as a single team. Program planning & control orchestrated through integration with the rest of the lifecycle.

- **Resource, Costing and Business Performance Management**
Our designed solution enabled customer to fully understand workload demands on teams and the risks projects face when resources are spread too thin. Cost and financial management features allowed them to associate bill rates with resources or skill sets and provide managers with both detailed and summary project costs –including estimated and accrued costs.
- **Integrated Change Management**
Considering this as one of the major business challenge we designed solution which would not let customer to work on change management in isolation but in an integrated mode which in turn has helped customer to track changes within the project in same overview.
- **Collaboration & Communication**
We designed solution which would put all the stakeholders on unified platform so as to achieve collaborative decision making. Workflow integrated with office tools to notify all the users, publish review comments and take necessary actions. A scheduled task displays all the pending tasks of all the designers who are stakeholders of the process. This all lead to establish seamless communication channel amongst all the stakeholders within Organization.
- **Reports and Dashboards**
Solution was designed while putting major focus on maximum dissemination of information amongst team members and management. Generic Report definitions were created so as to publish reports so that project health can be checked-out at a glance. At the same time it was also used to measure Key Performance Indicators.
- **Enterprise Information Integration**
Integrated all departments within the process so as to publish information and disseminate the same within all stakeholders. We designed the solution by following paradigm "Right Information to Right People at Right Time"





Result

Based on the solutions we provided, our client now has a strong platform to map its NPD process in accordance with the business and thus leveraging maximum benefits out of it. These Solutions helped our client on various fronts:

- Project Planning and High Project Visibility
- Costing and Resource Management
- Reduced Product Development time
- Reduced Communication gaps which lead to improved quality
- Ensure collaborative decision making while reviewing data.
- Involve all the stake holders before finalizing data to avoid design conflicts / assembly-line surprises.
- Unified communication platform to put all the stakeholders at each stage of the process
- Continuous notifications/alerts or monitoring on tasks to avoid unnecessary delays and encourage rapid development
- Reports and dashboards to continuously monitor project status and measure key performance indicators.

Why FaithPLM Solutions?

Our deep-set commitment to our customers defines how we do business. Our customer centric engagement model enables our customer to meet their business goal effectively and efficiently. With the strong functional expertise and solution designers we've enabled our customers We support customer's business goals and offer continuous services/support based on the requirement. Whatever customer's business needs, we have the in-depth knowledge, processes, tools and relationship-based approach to put the right solution in right place at right time.

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