



Powell Industries

Case Study

Oracle experts cut project scheduling and reporting cycles by 30% with P6 EPPM upgrades and integrations, accelerating execution and improving performance visibility.

Powell was founded in 1947 as a metal-working shop to support the local Houston, Texas petrochemical facilities. The company has grown to become the strategic supplier of choice for highly complex and integrated systems for the distribution and control of electrical energy and other critical processes. Today, Powell is a global operation, focusing on the future of electrical infrastructure through innovative technologies developed by our people for its customers.

Challenges

Powell Industries has experienced significant growth over the past six decades, during which project management tools and processes have evolved dramatically. However, their current solutions have started to pose challenges.

Previously, Powell was using an on-premises version of P6 EPPM as its primary scheduling solution. Unfortunately, this setup no longer met their evolving business needs. The organization sought to upgrade to the latest SaaS version of Oracle Primavera P6 EPPM to benefit from enhanced features, gain immediate access to Oracle's latest updates, improve scalability, and receive automatic upgrades on time. Additionally, Powell required the application to be reconfigured to align with their revised business workflows.

To achieve these goals, Powell needed an integrated solution that would enable them to streamline current processes based on project lifecycle management (PLM) best practices. This would drive more efficient project execution while adhering to standard project controls and generating industry-standard metrics. By implementing these improvements, Powell Industries aimed to increase productivity, revenue, and profit margins.

The required integrations included:

- Primavera P6 EPPM (P6 EPPM) SaaS environment with the existing on-premises Oracle E-Business Suite (EBS) system.
- Integration of P6 EPPM with Microsoft Dynamics (MSD) interfaces.
- Integration of P6 EPPM with Agile interfaces. These integrations necessitate robust coordination across systems to ensure data consistency and operational efficiency.

The Solution

Powell Industries engaged with Broadpin to assess its current PLM practices and supporting technology applications prior to the re-implementation of Cloud P6 EPPM. Broadpin collaborated closely with key business users and systems analysts to review existing scheduling and integration processes, providing strategic recommendations to optimize the application's configuration and fully leverage all of its capabilities.

As part of the solution, Broadpin implemented the proprietary OP3™ product to facilitate seamless bi-directional data integration. This integration allows for the transfer of enterprise data and actual transactions from Oracle E-Business Suite (EBS) into P6 EPPM, while also

enabling the flow of project and task structure, approved cost budget, approved revenue budget, and approved cost forecast from P6 EPPM back to EBS.

The design of the solution includes all existing applications and replaces the current P6 EPPM-EBS integration platform, and makes modifications to the MSD-P6 EPPM and P6 EPPM-Agile interfaces. The integration design supports both cloud/hosting options for the P6 EPPM application and on-premises installations.

Comprehensive support was provided throughout the process, including leading System Integration Testing (SIT), User Acceptance Testing (UAT), and overseeing a smooth cutover and go-live. Post-implementation, Broadpin delivered hypercare support to ensure system stability and user adoption.

In summary, Broadpin:

- Upgraded and migrated on-premises P6 EPPM to Cloud P6 EPPM (Software-as-a-Service), modernizing the project management environment.
- Assisted in implementing process improvements to support an effective integration of applications.
- Deployed OP3 as the integration layer between Oracle EBS and P6 EPPM to streamline data exchange.
- Integrated MS Dynamics and Agile interfaces with P6 EPPM to enable end-to-end project visibility.
- Provided post-production support during the 'Monitor and Adjust' phase.
- Facilitated the extraction of data from P6 EPPM SaaS into Powell's data warehouse (Snowflake)

The Results

Powell now benefits from a fully integrated, enterprise level project management environment that supports current and future business needs. Powell has experienced significant improvements in operational

efficiency and data accuracy through the seamless integration of P6 EPPM SaaS with Oracle EBS:

- Real-time synchronization of project and financial data enhanced visibility and enabled faster, data-driven decision-making across the organization.
- Established a single comprehensive view project for all activities.
- The migration to a SaaS environment reduced IT overhead and ensured continuous access to the latest Oracle features, eliminating the need for costly and time-consuming upgrades.
- Schedule dates are reflected in the EBS PPM project plan.
- Reconfiguring the application to align with updated business processes also led to increased user adoption and engagement.
- The OP3 integration with P6 EPPM allows demand to be directly placed into EBS Project Manufacturing from EBS PPM projects.
- The OP3 integration between P6 EPPM and EBS Resource Management enables design and installation teams to schedule resources effectively, ensuring they meet customer timelines while balancing workloads across various projects.
- The OP3 integration between P6 EPPM and Snowflake enables unified and consolidated reporting.
- The automation of previously manual processes led to a notable reduction in project scheduling and reporting cycle times –by up to 30%–resulting in faster project execution and delivery.
- Significant cost savings are realized annually from improved visibility of project performance.

These efficiencies translated into measurable cost savings through reduced administrative effort, minimized rework, and improved resource utilization



broadpin

Your solution is here.