



# Project Costs Management

RPC specified, installed, designed and configured a multi-level cost management solution, with unique functional and technical challenges. The client required a synchronised revenue, overhead, direct and indirect cost and schedule solution managed through custom business process, workflow and approval capability.

## Business Sector

Nuclear industry

## Services Provided

- Design workshops
- Installation/Configuration
- Multi-product integration
- Testing
- Documentation

## Technologies Used

- Oracle Primavera P6
- Oracle Primavera Unifier
- JD Edwards EnterpriseOne
- Oracle Primavera Integration Gateway
- Oracle Identity Manager
- Oracle Access Manager
- Oracle Database 12c
- Oracle FMW

## Approach

### Installation

The customer adopted the Microsoft Azure cloud platform, as the infrastructure provider, with RPC providing services fulfilling the system and solution architect role for the Oracle Primavera Unifier application, Our responsibilities included

- Solution architecture specification and design
- Installation of Unifier, P6 and Primavera Gateway on multiple platforms
- Integration of Unifier with Oracle security systems OAM and OIM

### Integration & Configuration

The client accounting system, Oracle JDE EnterpriseOne, and Oracle Primavera P6 EPPM configured for resource planning, forecasting and scheduling, required a single integration and consolidation platform. Oracle Primavera Unifier was selected as the solution to provide a single source of all project and programme information for financial, time and schedule information. This required all three applications, JDE, P6 and Unifier, to be integrated together and included...

- Transfer of project data from and to JDE and Unifier including invoice, payment application, timesheet, direct and in-direct project costs
- Transfer of project data from P6 EPPM to Unifier including resource effort and cost forecasts by project cost breakdown structure, project schedule and resource utilisation
- Deployment and configuration of the Primavera Integration gateway, providing the integration platform between the Primavera applications.
- Configuration of integration specific workflow and approval processes within Unifier, providing an additional layer of control during the integration process without the need to develop bespoke, Java based, API applications.

As a result the project team was enabled with the flexibility needed to configure automated, scheduled, data synchronisations as well as manually triggered synchronisation execution.

## Main Challenges

- Complex cloud based multi-tier infrastructure, with stringent access, data security and control
- Complex project accounting integration, including revenue management, timesheets, third party suppliers, organisation cross charging, direct and indirect organisation costs and accrual management.

## Benefits

- Fully supported custom cost management
- Single source of costs management data
- Synchronised costs and schedule
- Costs and work breakdown cross-structure allocation
- Configuration only integration