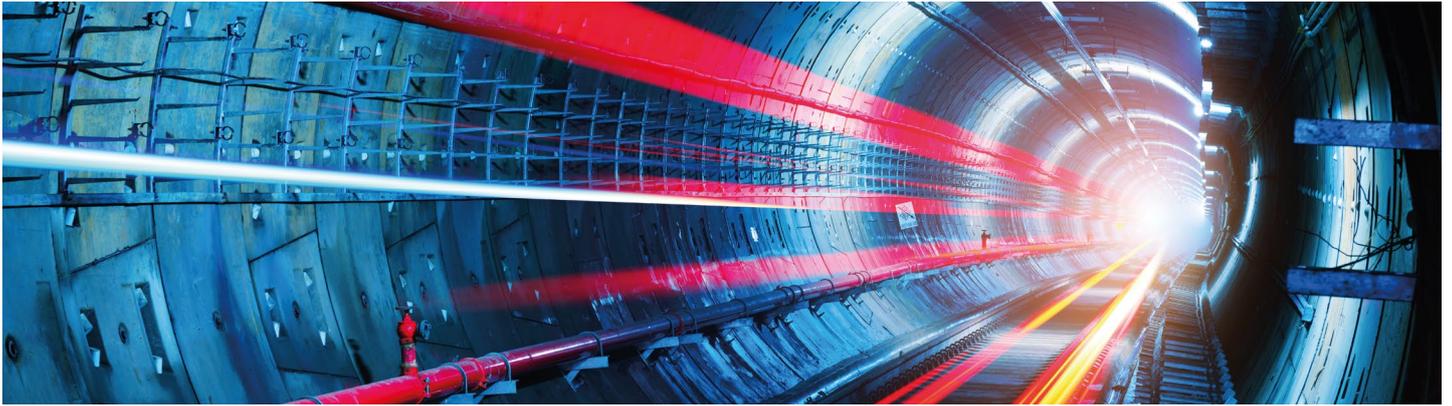**Prescience TECHNOLOGY**

CASE STUDY

Managing the Project Lifecycle to Stay on Track

OVERVIEW

This client is implementing Australia's first ever fully-automated rail network, promising to deliver a world-class commuter service for generations to come.

A true city shaping project, the new underground Metro stations are set to integrate harmoniously with existing and new commercial and residential over station developments, to provide an engaging and seamless commuter journey.

Split into three stages, the project will see 31 Metro stations and more than 66 kilometres of new Metro rail in operation by 2024. With driverless trains running every few minutes connecting the entire city.

REQUIREMENT

When this multi-billion-dollar project began, all project management systems were based on Excel spreadsheets. The issue with this was that each contractor had a spreadsheet for their part of one of the three major projects and they were all disconnected from each other.

The lack of integration and centralisation of their data meant that visibility of the project overall and reporting on its progress was a major time-consuming challenge with regular inaccuracies and "hit and miss" forecasting.

There was no common process as to how they were managing their seven major contractors, which meant that there was also no easy way of controlling their associated costs. Consequently, managing the project's cash flow and keeping a cap on its overall budget was an extraordinarily complex task.

Knowing the project would only increase in complexity, the client needed one system in place, one single point of truth, to help them streamline processes; store and access critical information in a centralised manner; and manage the scheduling and costs of the entire project.

After shortlisting three potential vendors, Prescience was awarded the contract in January 2016. The decision makers had the confidence that they were the most experienced Oracle and Primavera consulting firm in Australia.

PROJECT VALUE
$12 Billion

INDUSTRY
Infrastructure

APPLICATION
Oracle Primavera Unifier and Oracle Primavera P6

EMPLOYEES
9,500+

SOLUTION
PrescienceAdvantage® Technology Services

ORACLE Platinum Partner

CASE STUDY

SOLUTION

Given the complexity, coordination and precision required on a project of this scale, Prescience recommended a tailored solution, based on the Oracle Primavera Unifier framework to be integrated with Oracle Primavera P6.

"Primavera Unifier was chosen because it allows us to share data fluidly between our two offices and the managers on site using mobile devices, improve reporting and workflow and drive efficiency across our business processes, all of which are critical in managing complex construction projects like ours," explained the former Principal Program Manager.

This was not only Oracle's largest Primavera cloud deal outside the US at the time, but it was also the first Oracle cloud-based solution implemented in Australia. It was also essential to meet the regulatory requirement of having all the data housed in Australia. Oracle therefore needed to establish a suitable cloud environment within Australia before the build phase could begin.

PROCESS

Given the complexity, coordination and precision required on a project of this scale, Prescience recommended a tailored solution, based on the Oracle Primavera Unifier framework to be integrated with Oracle Primavera P6.

Upon winning the tender in January, Prescience began working to understand the scope of the project, the critical issues, the major pain points and full requirements.

From there, they could start conceptually designing a solution based on what the client needed from their system and the design, build, testing and migration process evolved over a period of eight months from there.

BENEFIT

The organisation's ability to control and report on costs for the project has improved significantly due to the huge improvements realised by simplifying its reporting cycle. Having a single integrated and centralised platform to perform change control, budget control, contingency management and financial forecasting has made a significant impact to the visibility of the project.

"The integrated Primavera Unifier system has enabled us to have increased confidence with our SAP financial system, which has helped to significantly reduce the time required for financial reconciliation, as well as making huge improvements to the reporting cycle," said the former Principal Program Manager.

The real-time visibility of information for the project provided by the Unifier dashboard, gives senior executives easy access to a centralised platform to view and share accurate and traceable financial data, with confidence, to all key stakeholders.

The current Program Director has the job of leading the procurement, construction and delivery of the project, explaining:

"The centralised reporting provided by our Primavera Unifier system has vastly improved confidence from our senior executive team that the change management process is maintained and approved as part of the control process."

Contract change management workflow was implemented by Prescience as part of the Primavera Unifier implementation, which has enabled the organisation to trace, track and manage all changes against the original project scope.

It's not just costs that are under the microscope with public infrastructure projects like this, but also whether they are running on time. The project has seen significant time savings to its change control reporting, SAP downloading and forecast reporting, enabling it to make important decisions about the project, a lot faster.

To find out how Prescience Technology can help optimise, support and sustain your Primavera investment, call us on 1300 086 816 or email info@prescience.com.au

www.prescience.com.au