

# SMART CITIES

THE WORLD IS WATCHING

As cities around the world expand they need to ensure their short and long-term economic, social and environmental sustainability. Growing investment and improving the quality of life for citizens are top priorities for city administrators. But such challenges bring many management complexities, one being the development and maintenance of adequate public infrastructure.

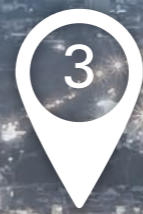
Real-time visibility across your entire project portfolio will help you plan, build and maintain your smart city and turn your vision into reality. You'll need a comprehensive and single view across your entire city ecosystem, including transport and accessibility, education and health, public services and utilities, flood alleviation and environmental infrastructure.

You'll also need to report on regulatory compliance issues, especially those associated with your carbon footprint and green economy. But are you ready for the challenge? Below are some of the questions you need to be able to answer if you're to deliver sustainable benefits to citizens and businesses.

**THE WORLD IS WATCHING YOUR CITY**

Tomorrow, the world will have 150,000 more people to cope with\*. Do you have the tools to deliver the growth it demands?

\*Orchestrating Infrastructure for Sustainable Smart Cities, 2014, International Electrotechnical Commission



## 1. IDENTIFY

- What to build and where to build it
- Do you have an integrated view of assets across all infrastructure types?
  - Can you align your project portfolio to the required outcomes of your smart city vision?
  - Can you balance new builds against your backlog for brownfield, greenfield and hybrid sites?

## 2. PLAN

- An efficient, effective project
- Can you prove robust financial controls to investors?
  - Are you able to show how you mitigate risk to deliver ROI?
  - Do you have a single financial view across your entire portfolio?

## 3. BUILD

- On budget, on schedule delivery
- Are you able to model different scenarios and contingency plans?
  - Can your project teams provide real-time updates via mobile devices?
  - Do you have real-time visibility into human and capital resources?

## 4. MAINTAIN

- Sustainability across the entire lifecycle
- Do you have a full view of preventative and corrective maintenance schedules?
  - Are you able to analyse how the downtime of one asset affects your portfolio?
  - Can you ensure the correct teams with the right skills are in place at the right time?

# FIND OUT HOW ORACLE PRIMAVERA MITIGATES RISK AND HELPS DELIVER PROJECT PORTFOLIOS ACROSS MULTIPLE INDUSTRIES

The success stories below demonstrate how Oracle Primavera has helped others with their smart city transformation. Get in touch to learn how we could help you too.

1

## ELIMINATE MISALIGNED INVESTMENT COSTS

A national power operator with an infrastructure that spans **3,500 kilometres**, uses Oracle's Primavera Enterprise Project Portfolio Management (EPPM) to gain better visibility into the interdependencies of its many maintenance and expansion programmes.

These projects require long-term strategies that can involve freezing or reducing budgets and resources, with the Oracle solution used to identify requirements to guarantee up to 10 years of an asset's lifecycle. Its single, integrated view allows managers to identify in minutes whether they have the right skills and expertise to deliver a project, rather than collecting data from multiple sources.

2

## REDUCE COMPLEXITY

A leading European telecommunications company turned to Oracle's Primavera EPPM to help it establish the strategic direction for projects of all sizes and complexity.

It now has now aligned project performance with company strategy and KPIs, reduced project planning by weeks and experienced a 25% increase in its forecasting accuracy. The company's ability to streamline its planning processes has accelerated time-to-market for new services by 20%, with management able to easily predict project performance.

3

## REDUCE COSTS

A government-owned company in Australia that is building a new broadband network is **working with Accenture and Oracle Primavera** to deliver a country-wide project portfolio. A single management platform has been put in place in just six months to help the delivery team align budgets and timelines to the overall strategic plan.

Oracle Primavera is used for 4000 simultaneous projects across Australia to drive consistent processes and reporting, and giving visibility across every project – large or small. Overspend is controlled through order reconciliation, while third-party contractors are managed through an integrated procurement system.

4

## CUT ANNUAL CHANGE REQUEST COSTS

**One of the world's largest electric utility companies** undertakes over 100 engineering and construction projects every year, encompassing a rolling programme of preventative and corrective maintenance programmes. These cover small projects such as transformer maintenance to large projects that impact entire countries, such as nuclear power plants.

It uses Oracle's Primavera EPPM to ensure that each project is rolled out on time and to budget. Accurate forecasting ensures that between \$10,000 and \$100,000 per change request is saved and that all potential risks are identified and mitigation plans put in place.

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To discover how Oracle Primavera can help drive your vision to deliver sustainable social and economic benefits to your citizens and businesses, contact us.

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