

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?

