



building cities
shaping lives

Smart City



our story

Transforming Cities, Sustaining Growth

From a third-world country to one of the most developed nations in the world, Singapore achieved this within 50 years, which is significantly faster than other similar first-class cities. As Surbana Jurong is a part of the driven force behind this miracle, we are eager to share the evolution success of Singapore with the world through our range of smart city solutions: Smart City Planning and Management, Smart City Infrastructure Monitoring and Management and Smart City in a Box.

our services

The Journey starts with smart city readiness evaluation with recommendation and followed up by development planning. Depending on customers' requirements, Surbana Jurong (SJ) is able to extend its services to implement the *Smart City in a Box* solutions and manage its operation.

Smart City Planning and Management focuses on four essential aspects of a city:

 <p>SUSTAINABILITY The city's ability to balance its present needs (social, economical, and environmental) while not compromising the needs of future generations.</p>	 <p>EFFICIENCY Overall infrastructure effectiveness, as well as the associated services' operations.</p>	 <p>PEOPLE Provision of quality services to residents and active civic engagement schemes.</p>	 <p>SECURITY The 4 related risks of scarcity of supply/ resource, uncertainty, environment and disruptions/attacks.</p>
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OUR PARTNERSHIP SOLUTIONS

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| <p>SUSTAINABILITY</p> <ul style="list-style-type: none"> • Energy Management • Smart Lighting • Smart Bike • Traffic Management • Water & Environmental Monitoring • Smart Waste & Air Quality • Water Pipe Leak Detection • Water Technologies | <p>EFFICIENCY</p> <ul style="list-style-type: none"> • Estate Monitoring • Predictive Lift Maintenance • Inspection via Drones • Communication Backhaul • Smart Sensor for Lifts • Building Management System • 3D Visualization & Situation Awareness • Automated Meter Reading & Tenant Billing • Transport & Logistics Management • Sensor Network & IOT Platform • Smart Lock and NBIOT |
| <p>PEOPLE</p> <ul style="list-style-type: none"> • Resident Feedback Analysis • Mobile Apps • Interactive Digital Notice Boards • Elderly Monitoring • Mobile Analytics • Social Media Analytics | <p>SECURITY</p> <ul style="list-style-type: none"> • Common Area Monitoring & Surveillance • Video Face Recognition • Fire & Smoke Detection • Intelligent Lock • Wearable Camera • Public Warning / Alert System • Access Control • Person & Vehicle of Interest Tracking |

SMART CITY IN A BOX

SJ has developed a set of apps based on the four pillars of a Smart City - Sustainability, Efficiency, People and Security. These apps can be used independently or in conjunction with other apps for a seamless monitoring and management.



