We make Smart Cities a reality
5 steps to ‘smart’

1. Set the vision: an efficient + liveable + sustainable city.

2. Combine hardware + software solutions to improve the efficiency of urban operating systems.

3. Bring in integration to improve overall city efficiency (operation & information).

4. Add innovation to make a holistic sustainable future a reality.

5. Drive collaboration between best-in-class global and local players across the whole Smart City value-chain.
Beijing, China

Urban and interurban traffic control system: traffic signals, HD enforcement system, supervision and monitoring system for expressway, CCTV, traffic flow detection, weather detection and guidance system, integration in 10 control centers.
GIS for upgrading of power grid towards Smart Grid; District heating management; Metro tolling system.
Guiyang, China

Guiyang’s Smart Grid collects & analyses real-time operational data across a distribution network covering 4 million people.
Dallas, Texas

SCADA improves efficiency & resilience to disruptions of Water distribution system; Integrated mobility management platform improves efficiency of multimodal transportation in major corridor.
Houston, Texas

SCADA improves efficiency of Water and Electricity distribution systems; Retrofit for energy efficiency of 40 municipal buildings delivers $3 million yearly warranted energy and water savings.
Paris – Issy-les-Moulineaux, France

Smart Grid energy management project at district level, including Energy Efficiency solutions for buildings and homes, automation systems, renewable installations and Electric Vehicles charging infrastructure.
Lyon & Grenoble, France

Smart Grid project at regional scale, including smart meter deployment, Low-Voltage and Medium-Voltage grid management, user automation for energy efficiency and peak shedding.
Weather information system for airport; Stormwater management; Energy management system for buildings; Real-time adaptive traffic control system in 739 intersections; Integrated platform manages traffic control, CCTV system, city access control and web-based traveler information.
Command & Control Centers for city traffic, critical buildings, metro, parking, CCTV surveillance; air quality monitoring; metro fare collection.
Abu Dhabi, UAE

Energy audit paves way for Building SCADA for 70 buildings, including management of Street Lighting energy use.
Dubai, UAE

Integrated SCADA, Building Management System & Security system serve buildings for 9000 residents; SCADA improves water distribution system; CCTV provides access control.
SCADA improves efficiency of Water distribution system, Electricity grid and Gas distribution system through all Metropolitan Area; Traffic Management system optimizes mobility throughout the city; all interfaced with Rio’s Intelligent Operations Center (IOC) providing >50% of its data - for a holistic view of city systems.
Sao Paulo, Brazil

CCTV optimizes surveillance; SCADA optimizes traffic in tunnel & highway; Two Command & Control Centers manage city areas with real-time adaptive traffic control system in 382 intersections.
Quito, Ecuador

Real-time adaptive traffic control system covering 600 crossings, 6700 traffic lights and 1500 CCTV cameras; Weather information system for city airport; Integrated platform manages traffic control, CCTV system, city access control, and provides web-based traveler information.
Performance Contracting optimizes energy in 28 buildings, saving €0.3 M, 350 MWh and 80 tons CO₂ through active control of Heating & Ventilation and Building Management System.
SCADA improves efficiency of Water distribution system; real-time adaptive traffic control system optimizes traffic in 253 crossings; central traffic management control center supervises and reacts to disruptions.
Make the most of your energy™