



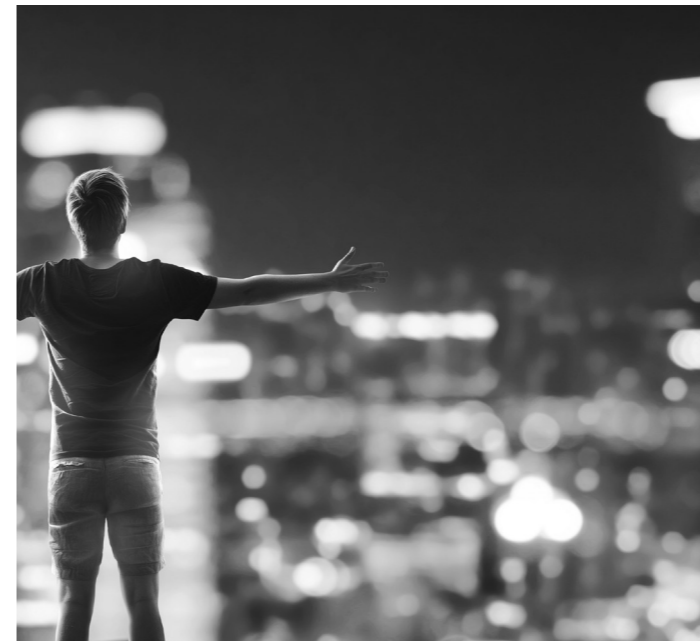
by Sylvania Schröder



We bring smart cities to life

The key to becoming a smart city lies in addressing the very specific interconnections between size, topography, existing infrastructure and the needs of citizens. In other words, there is no one size fits all approach.

By bringing together a range of innovative digital infrastructure solutions which are complementary to our end-to-end process, we can create a solid foundation for your city's future.



WHAT WE DO

From consultation, advice and education all the way through to the highly technical aspects of project delivery, optimisation and support, we offer a range of end-to-end services that cover you through the entire journey of your city's transformation.



CONSULTING

- Engage key stakeholders
- Develop best-practice solutions
- Set SMART goals to achieve set KPI's



SOLUTION DESIGN

- Industry best practices
- Topography (lay of land)
- Information and technology architecture
- Key expected outcomes



PROTOTYPING & TESTING

- Small scale trials and deployments
- Validation of use cases, suitability of system and components
- Continuous feedback loop to refine system and processes



INSTALLATION AND COMMISSIONING

- Install and set-up
- Commissioning and integration
- Training and follow-up



INTEGRATION SERVICES

- Seamless integration to existing assets
- Interface communication networks, devices and application
- Integration into existing systems



SUPPORT AND MAINTENANCE

- Warranty services
- SLAs according to customer requirements
- Maintenance agreements



SYSTEM OPTIMISATION

- Time-to-time checks on device density
- Ongoing calibration of sensors, networks, data platforms and applications for maximum efficiency and customer value
- Propose optimisation tools

SCS SUPPORTS THE SMART CITY MOVEMENT

Our Smart City solutions integrate devices and data to drive civic and governance decision-making, and also create networks of partners among governments, businesses, non-profits, community groups, universities, and hospitals to expand and improve the ability to serve citizens.

No matter what your specific urban challenges are, our vendor agnostic approach allows us to source the right technology to maximise your city's efficiency, performance and liveability.



SHAPING SMART CITIES WITH TECHNOLOGY

Technologies cover all layers in the IoT architecture from smart devices and sensors to connectivity solutions, data platforms and software applications.



WHO CAN BENEFIT FROM SCS SOLUTIONS

We live in exciting times as technology opens up a whole new world of opportunities. Our cities need to make the most of these opportunities by accommodating the growing needs and challenges of citizens.



LOCAL COUNCILS

Local governments and the wider public sector are in a position to deliver real outcomes for their citizens by embracing the smart cities and communities movement.

Through our tailored approach we can help local councils lead the way in delivering knowledge-based, connected and sustainable communities that drive growth, employment, innovation, accessibility; and attract residents, businesses and visitors.



PROJECT CONSULTANTS

We work closely with contractors, architects, owners and tenants to incorporate a range of smart building technologies including environmental controls, communications interfaces, video surveillance, energy conservation and maintenance management.

Through our integrated platform, we'll take care of all the critical systems behind the scenes, to create environments that maximise operational and energy efficiencies and respond intelligently to the needs of all stakeholders.

UTILITIES

Utilities are perfectly placed to play an important role in the evolution of smart cities.

Through existing infrastructure, such as streetlights, distribution poles and meters, and valuable data, including energy usage, electric vehicle charging, geospatial facilities and topography, you can take smart city services to the next level.

Our multi-application network solutions can help you leverage your full range of unique capabilities to dramatically improve the lives of people in your communities and position you as a smart city leader.



UNIVERSITY CAMPUSES

From sensor lighting, Wi-Fi and emergency call capabilities to intelligent monitoring of movement, water, waste, energy and noise, we can design solutions that incorporate existing infrastructure to help institutions gather valuable data, reduce energy costs, optimise resource management and provide a better experience for students and staff.



OUR PARTNERS

Ranging from advanced lighting solutions to smart mobility, our rich partner ecosystem allows us to seamlessly integrate a huge range of smart city solutions across your existing infrastructure, communication networks, devices and applications. We deliver solutions for the smart cities of tomorrow.



WHY CHOOSE US?

Our partner agnostic approach provides the flexibility to draw on a range of services, applications and devices, independent of vendor. Through our integrated multi-application network services, we can ensure seamless interoperability between infrastructure and technology, delivering higher levels of control and flexibility for your smart city solution stack.

We also understand that the transition of a city into becoming Smart is dependent on a number of key factors including budget. Our end-to-end process provides cities with the flexibility to transition to a comprehensive infrastructure incrementally, adding on layers of 'smartness' as they go. This also means that we can help cities leverage emerging technologies and evolve with the needs of their population.



OUR PROJECTS

More and more cities and communities throughout Australia & New Zealand are recognising the need to improve the lives of their citizens through smart city applications. With an ecosystem of partners that allows for future integration, SCS is their trusted partner of choice.



CITY OF RYDE, NSW

- All new developments now installed with LED luminaires and smart controls
- Over 400 lights can be remotely managed
- Analytics include consumption/usage, fault alerts and scheduling

CHARLES STURT, SA

- Smart cities pilot.
- Pathway lights on controls system, combined in groups and controlled by 9 motion sensors.
- People counting cameras installed to provide analytics on usage of the road at different times of the day

GLEN EIRA, VIC

- City of Glen Eira installed 200 smart PE cells at trial locations as part of a recent V-category street lighting upgrade
- A networked controls system implemented by SCS
- A dimming strategy developed by the council and their consultants
- The utility will use the system to monitor lights for maintenance and to obtain metering data for distribution network diagnostics

STONNINGTON, VIC

- Cameras on light poles with edge computing devices
- Count and differentiate between pedestrians, cyclists, cars, trams
- Capability of recording speed of passing objects
- Records on street parking occupancy
- Bespoke cloud dashboard for data access and analytics

