



Example Smart Services Projects

City of Bendigo

The City of Bendigo sought to create a Digitally '100 Gig' Connected and Enabled Greater Bendigo & Loddon-Campaspe Region (100G BLCR). To support this goal the City requested expert advisors to submit proposals for the provision of a Business Case for the delivery of the digitally enabled region.

Gravelroad was engaged to undertake detail investigations of current connectivity gaps, barriers, future priorities, skills supply and investigate viable models. Following the investigation, a Prospectus and Business Case was developed, socialised with key stakeholders and finalized. The final output included communications and marketing planning plus promotional materials and collateral.

Adelaide 5G Enablement

The City of Adelaide has a track record of proactive support of improved telecommunication outcomes for the community with a project developed for the Council to target intervention in improving connectivity in the city. Advisory service was requested with respect to the development of a 5G Passive Infrastructure Enablement Strategy.

Gravelroad worked closely with the City of Adelaide to develop a high level 5G Strategy and define options. The strategy included approaches to optimise the location value of the 5G sites for Mobile Network Operators (MNO) within the constraints of their Radio Frequency site planning and encourage the co-location of multiple MNO radios and antennas at any single site including potential City of Adelaide owned sites and enabling assets.

NSW 5G Trial

The NSW Department of Planning, Industry and Environment (DPIE) pursued a unique opportunity to rethink how next generation digital infrastructure can be better facilitated to unlock innovation, drive new economic opportunity, and be delivered more effectively and responsibly across a large and diverse region. DPIE sought a Project Director to manage and guide the 5G Trial process.

Whilst delivering the role of Project Director 5G Trial for Western Parkland City Gravelroad was accountable for researching and defining the appropriate governance, ownership, commissioning and delivery approaches, recommending the trials that should be scoped through the development of options and engagement with Government and Industry Stakeholders.

TRC SCADA

To support the Toowoomba Regional Council (TRC) SCADA network the council requested consulting services to design the network connecting Level 2 and Level 3 system sites. Gravelroad undertook the development of the backhaul architecture which included the topology design, link path-profiling and optimisation of links and bearers.