

# RADIO DESIGN SERVICES

*Gravelroad Services provide design services for a range of radio technologies and architectures.*

*Services include; requirements capture, architecture/network design, modelling of area wide coverage and links, migration strategy and optimization.*

## WHO WE ARE

*Gravelroad has specialist resources to complete radio design activities. Resource levels are scalable to align with the workload as required.*

Gravelroad Services is complementary but separate to the Gravelroad Consulting advisory work. Our commercial approach is through an activity-based schedule of rates.

Our Radio Design Services team combines a wealth of industry knowledge and experience with skilled design team members who deliver efficient and consistent outcomes for our clients.

Our technical and engineering staff are experienced wireless technology specialists with knowledge and expertise across different technologies and familiarity with operational requirements for a wide range of government, business and industry segments.

## WHAT WE DO

Our services are delivered through a quality design process which not only provides a level of confidence on the design outcome but also better construction outcomes. The following is a list of services that we can provide:

- **Requirements capture** of end-users, operations, maintenance and management entities together with budgetary and safety aspects,
- **Audit** of exiting network and devices, together with gap assessment and move forward strategy,
- **Coverage and capacity modelling** for wide area systems including point-to-point and point-to-multipoint,
- **Spectrum assessment** and recommendations, including licensing applications,
- **Network architecture design** including bill of materials and cost estimates,
- **Migration planning**
- **Third-party design review** and analysis
- **Cost modelling** – capital and operational

## Contact

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