

Radio Tower Capabilities



Lincoln Gap tower,
Port Augusta

Mount Hill telecommunications site



We hear you: Loud and clear.

Radio base stations are used for transmitting a range of communication services, including emergency services, private comms, and mobile networks. These stations use towers, masts or monopoles, or utilise building rooftops in high density areas, to provide the best possible coverage for customers. Enerven has unique experience in delivering radio tower projects in metro and rural areas. Understanding what you need and the processes involved in delivering complex projects is part of what we do best. We hear you: Loud and clear.

Planning – The only way to achieve your goals

It's great to know what you want to achieve, but a successful project requires the right amount of planning. The end-to-end delivery of a radio tower project is no exception, and we're with you all the way. From Radio Frequency engineering, through to feasibility reports and candidate assessments, site acquisition, council approvals, low impact solutions, construction design, delivery, and completion, we deliver everything you need. We're here to make it happen.

Project Delivery – Experience is priceless

With our unique experience, Enerven can provide you with everything you need to successfully deliver your project. We boast one of the most dynamic project delivery and telecommunications teams around. Our project delivery team has worked on delivering rollouts to multiple clients across the CBD, metro, and remote areas: With their experience in complete delivery, from scoping and candidate selection, through to design and completion, they're tough to beat. Throughout the process, we place an emphasis on safe work practices; with a stringently assembled HSE framework, covering all aspects of delivery, our rollouts are supervised to ensure safety, as well as compliance: We leave nothing to chance.

Dedication to design

We are rich with talented and passionate designers, who have experience in mobile wireless communications, fibre to the premise for local, distribution and private networks; as well as multi-dwelling unit provisions, and fibre to the node broadband rollouts. Our staff have years' worth of CAD and CAD management experience, delivering preliminary and construction packs for greenfield, co-location, rooftop, and technology upgrade sites. We develop everything from site locality plans, to equipment room fitouts and everything in between. Our flexibility, and our years of diverse design experience, come together to create a planned solution; right down to the finest detail.

Latest technology + Engineering know-how

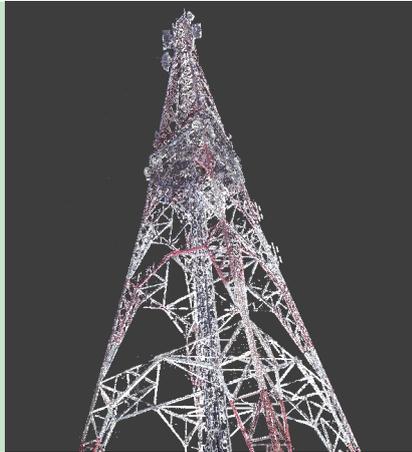
Having access to the latest technology means nothing without the engineering know-how to utilise it to its fullest potential. Our in-house staff exercise their design capabilities for network and transmission upgrades, as well as new installations. We have a raft of experience working on 2G, 3G and 4G mobile networks, as well as private radio and transmission networks; this includes point to point, and point to multi-point links. Adding our unique services capabilities to this, like LiDAR surveys, means we can deliver comprehensive 3D models that exemplify very high levels of asset survey accuracy.

Our chartered accredited, and NER engineers, have up to 40 years of experience designing safe solutions within telecommunications and utility industries. They are well versed in providing certifications for structure foundations and footings, telecommunications and utility towers, antenna mounts, structural upgrades and more.



Building Communication with Construction

Our construction team works closely with our designers and engineers during rollouts, to ensure seamless delivery that is both on time, and to budget. With staff boasting over 20 years in constructing mobile wireless networks for major telecommunications companies, we've got experience on our side. From building new pit and pipe networks, to performing copper and fibre installation for telecommunications, our team does it all. We also specialise in telecommunications utility room fit-outs that include: RF, Ethernet and electrical equipment, security installation, and even air-conditioning systems. Add to this our vast experience in constructing electrical & earthing solutions, with both low and high voltage service connections, and we can provide you with end-to-end solutions for your telco project. For us, it's about combining innovation and reliability into a functional process for an amazing outcome every time.



Crafrers Radio tower,
LiDAR scan

Who We Are

Enerven, an SA Power Networks Company, provides a range of construction and maintenance services, including copper design, construction, and maintenance, to clients both within SA and nationally. We believe innovations and technology will continue to drive efficiencies, but no more so than the experience, knowledge and capabilities of our people.

Contact Us



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