

PROJECT SERVICES

Enterprise 5G implementation: Airports

Advanced wireless technologies can yield significant benefits to an Airport in areas such as :-

- Improved operational efficiency
- Greater passenger satisfaction
- Increased security system flexibility
- Advanced, automated solutions throughout the Airport

The move to enterprise 5G is a significant project with an associated cost. Erkmar consultants have been involved at all stages of airport implementation of 5G systems and our subject matter expertise has enabled our clients to deploy systems quickly, effectively and in compliance with local regulations.

Our experience is that to make the most out of any investment in advanced wireless networks an airport needs to develop a clear, practical foundation of what it needs from the system and follow that strategy through to implementation. We have seen many projects fail to deliver the estimated benefits and run wildly over budget due to the lack of subject matter expertise being used from the outset.

This is where Erkmar is your partner to deliver the best for your airport.



About Erkmar

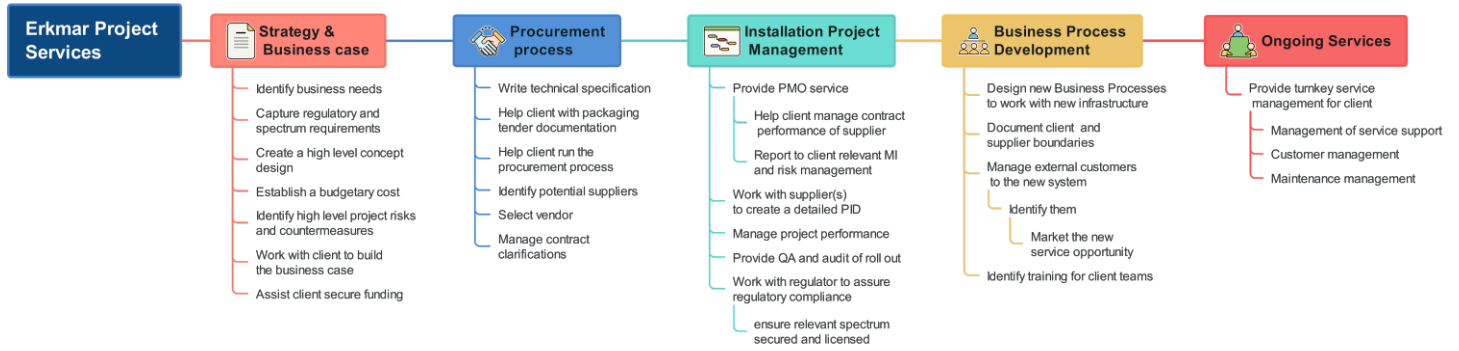
Erkmar is a UK-based global consultancy business with an Australian subsidiary. We specialise in supporting our clients in telecom, spectrum and technology needs.

We have delivered assignments throughout the world for the last 14 years. Some examples of our services:-

- Technology strategy development
- Business case development
- Technical procurement specification creation
- Procurement process management
- Validation of vendor proposals against our client's requirement
- Project/program management of installations
- Post-implementation validation of project deliverables
- Wireless network coverage mapping and validation
- Quality of experience / Quality of coverage measurement and reporting
- Business process design and validation
- Economic evaluation

We have worked extensively with governments, regulators, public organisations and private companies in all the above areas.

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Project services

We provide 5 steps of project services for wireless infrastructure implementation projects. We can be brought in to provide any combination of these steps but find that following the project through from concept through to operation delivers the best value to our clients.

Strategy & Business case

It is essential to have a solid foundation to develop a wireless infrastructure project that will be a significant investment by the Airport. Early identification of the business opportunities, priorities, budgetary cost, early discussion with the national spectrum and telecom regulator, and risk management, are essential to success and budgetary control.

Procurement process

Once the decision to proceed is made, based on a clear strategy and business case, comes the procurement process. Each country has specific procurement processes which we have adapted to. Our Subject Matter Experts can develop a clear technical specification based on our direct experience. This ensures bids are specific and complete and reduces the probability of implementation contractual differences. Our knowledge of the key vendors available and alternative approaches such as the use of integrators of existing national mobile operators helps our client select the best, most cost effective and lowest risk solutions.

Installation Project Management

Having contracted the most suitable supplier to implement your project there is a need to manage the project and assure that what started as a concept, through your strategy to a contract with a supplier, is supplied and installed correctly. Our teams can not only

manage the project administration but also our technical expertise assures that coverage, quality and technical performances are delivered as per contract terms and your requirements.

Business Process Development

The strategy for advanced wireless services will no doubt have also been based upon improved operational efficiencies, greater automation and collaboration between users. Our experience is that an often-neglected part of an infrastructure change such as this is the need to adapt, modernise and implement business processes that maximise the advantages of new technology. Our Subject Matter Experts can help evaluate, design and improve processes in many areas of Airport operations and relies on working partnership with the Airport's established experts to ensure that they meet the specific needs of your airport.

Ongoing Services

Some Airports have neither the technical expertise nor human resources to long term manage an extensive complex wireless infrastructure. Each case is individual, but we can adapt a solution that meets the specific needs for the airport long term. From remote support through to in country / on Airport team we can be your partner.

Erkmar, your trusted subject matter experts in Airport enterprise 5G projects