

Technology that does the hard work for you.

Here for you.

We're here to support our customers' ambitions. Your most complex connectivity challenges inspire us to design cost-effective, innovative solutions that are engineered to perform. Our proven carrier relationships span more than 30 years, and when combined with our industry and technology partnerships you are assured of a best-in-class solution. We look forward to working with you to solve your in-building connectivity challenges.



"The DAS Integration team from Madison are absolute professionals! From the design stage to final site handover, each curve-ball was dealt with efficiently and their years of experience gave us great confidence"
- FIP Electrical



ELECTRICAL
CONTRACTOR

Mac Park - DAS Project

Despite mid-project changes, Madison Connectivity Solutions (MCS) delivered an MCF2018 compliant Active DAS solution, on time and on budget.

The project

The Mac Park Distributed Antenna System (DAS) project consisted of installation and support of a DAS project in a high rise building in New South Wales. Mac Park is a large scale commercial high-rise building that hosts a number of tenants across its multiple floors. This building required an Active DAS system due to the size of the building. MCS was engaged by a leading electrical contractor to complete this project.

The challenge

Building projects need to run seamlessly, and it is important to make sure each element is installed without impacting the costs and time of the overall project. During the project, the lead Carrier requested that MCS change the originally approved DAS design, to accommodate equipment from a alternate vendor, while maintaining the MCF2018 standard. This posed a potential risk of project delay, budget blow outs.

The solution

The MCS team worked diligently to design and install an alternate MCF2018 compliant solution to meet customer and Carrier requirements on time and within budget. An Active DAS solution was engineered to ensure that all areas of the large building would have sufficient coverage. An Active DAS includes active equipment that has a power source, allowing the signals in the building to amplify and therefore reach a larger coverage footprint. Madison Technologies used a combination of directional coupler splitters, network combiners, fibre distribution frames, connectors, cable loads and antennas for this Active DAS solution.

The results

This DAS system was implemented in the reduced time-frame, and met the needs and requirements of the client and lead Carrier. The solution remained cost effective as it was designed intentionally for large scale deployment.

The client was immediately able to reap the benefits of having high speed, reliable and secure coverage from all providers throughout their building. They also saw immediate improvements to in-building connectivity amongst smart devices.